



RED HAT SATELLITE POWER USER TIPS AND TRICKS

Getting Satellite Up and Running Quickly and Sanely

Thomas Cameron, RHCA
Senior Principal Technical Marketing Manager

Rich Jerrido, RHCA
Principal Product Manager, Red Hat Satellite



AGENDA

What we're going to cover (quickly)

We're going to be moving FAST!

- A little background/history
- Installation
- The Manifest
- Syncing content
- Tell Satellite about your world!
- Locations
- Lifecycle environments
- Content Views
- Puppet

AGENDA

What we're going to cover (quickly)

Tell Satellite about your world

- Subnets
- Host Collections
- Domains
- Installation Media
- Provisioning Templates
- Operating Systems
- Activation Keys
- Host Groups
- Compute Resources
- Build a New Host

BACKGROUND/HISTORY

ABOUT US

Who are we, and why should you care?

- Rich Jerrido
- rjerrido@redhat.com, [@sideangleside](https://twitter.com/sideangleside) on Twitter
- 8 years at Red Hat, from sales engineer to technical leader for systems management
- Live in Philly, work globally
- Former United States Marine

Thomas Cameron

- thomas@redhat.com, [@thomasdcameron](https://twitter.com/thomasdcameron) on Twitter
- 12 years at Red Hat, from sales engineer to cross-portfolio technology guy
- Live in Austin, work globally
- Former police officer

ABOUT SATELLITE

Where Did It Come From? Where is it Going?

Initially designed re-using code from `rhn.redhat.com` (RHAS 2.1)

First released as a set of perl scripts and tarballs

- Required in depth experience, close work with the RHN engineering team, and the bottled tears of Isidore of Seville, the patron saint of software engineers

Initially closed source due to inclusion of proprietary database from The Vendor Who Shall Not Be Named

- But OSS DB tech caught up, and v. 5 was fully Open Source

ABOUT SATELLITE

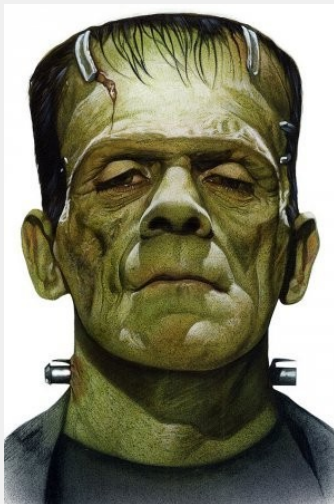
Where Did It Come From? Where is it Going?

Relatively monolithic design, new features (monitoring, API support, etc.) were bolted on over time

ABOUT SATELLITE

Where Did It Come From? Where is it Going?

Relatively monolithic design, new features (monitoring, API support, etc.) were bolted on over time



ABOUT SATELLITE

Where Did It Come From? Where is it Going?

Version 5 is very full featured, supporting physical and virtual machine provisioning.

Not designed for cloud scale, though. Build/config one system then replicate it.

Upstream is the Spacewalk project.



ABOUT SATELLITE

Where Did It Come From? Where is it Going?

Version 6 is a COMPLETE REWRITE. There is no code shared between the products.

Based on a number of upstream projects:

- katello - content management
- the foreman - lifecycle management
- candlepin - subscription management
- pulp - content repository management
- Postgresql - database backend
- mongoDB - noSQL



ABOUT SATELLITE

Where Did It Come From? Where is it Going?

Designed for cloud scale and ease of use in large, distributed environments

100% Open Source

IMHO, one of the (if not the) most ambitious project Red Hat has ever started.

INSTALLATION

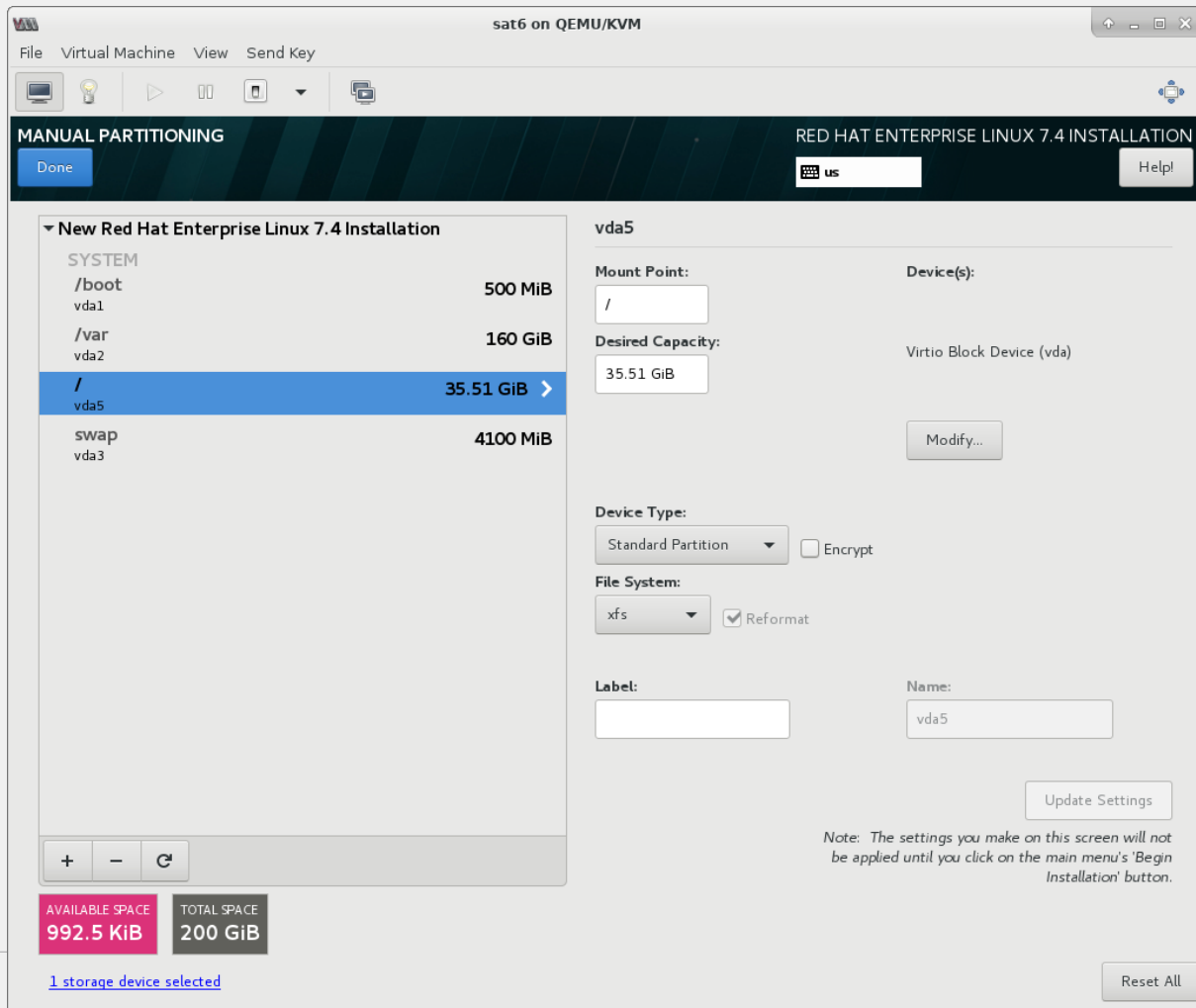
INSTALLATION

Super simple installation

36GB for root and 160GB for /var

At least 16GB memory (more is better) and at least 4GB swap.

- It takes 40-50GB for RHEL7 and associated channels (clustering, Optional, Supplementary, Extras, etc.). I made my Satellite server 200GB for growth.
- On my system, fully synced RHEL7 is about 100GB in /var/lib/pulp and about 16GB for /var/lib/mongodb



INSTALLATION

DNS Resolution

Forward and reverse must work.

- You will have problems if they do not.



```
#version=DEVEL
# System authorization information
auth --enablesdshadow --passalgo=sha512
# Use network installation
url --url="http://172.31.100.29/rhel7.4"
repo --name="Server-HighAvailability" --baseurl=http://172.31.100.29/rhel7.4/addons/HighAvailability
repo --name="Server-ResilientStorage" --baseurl=http://172.31.100.29/rhel7.4/addons/ResilientStorage
# Use graphical install
graphical
# Run the Setup Agent on first boot
firstboot --enable
ignoredisk --only-use=vda
# Keyboard layouts
keyboard --vckeymap=us --xlayouts='us'
# System language
lang en_US.UTF-8

# Network information
network --bootproto=dhcp --device=eth0 --ipv6=auto --activate
network --hostname=localhost.localdomain

# Root password
rootpw --iscrypted $6$3BSBGcIxMzgGpCqt$fwgKTCxMLTUR5nKLERA3AulaWuxXYGaPNM6Mu5hDhV1czb3iA6NhPWxSTnqn1iVSI4F26fZ00LfeyWz5UKh10
# System services
services --enabled="chronyd"
# System timezone
timezone America/Chicago --isUtc --ntpservers=this.has.not.been.ntp.server.time.nist.gov.since.2012
# System bootloader configuration
bootloader --location=mbr --boot-drive=vda
# Partition clearing information
clearpart --none --initlabel
# Disk partitioning information
part /boot --fstype="xfs" --ondisk=vda --size=500
part swap --fstype="swap" --ondisk=vda --size=4100
part /var --fstype="xfs" --ondisk=vda --size=163840
part / --fstype="xfs" --ondisk=vda --size=36358

%packages
@^minimal
@core
chrony

%end

%addon com_redhat_kdump --disable --reserve-mb='auto'

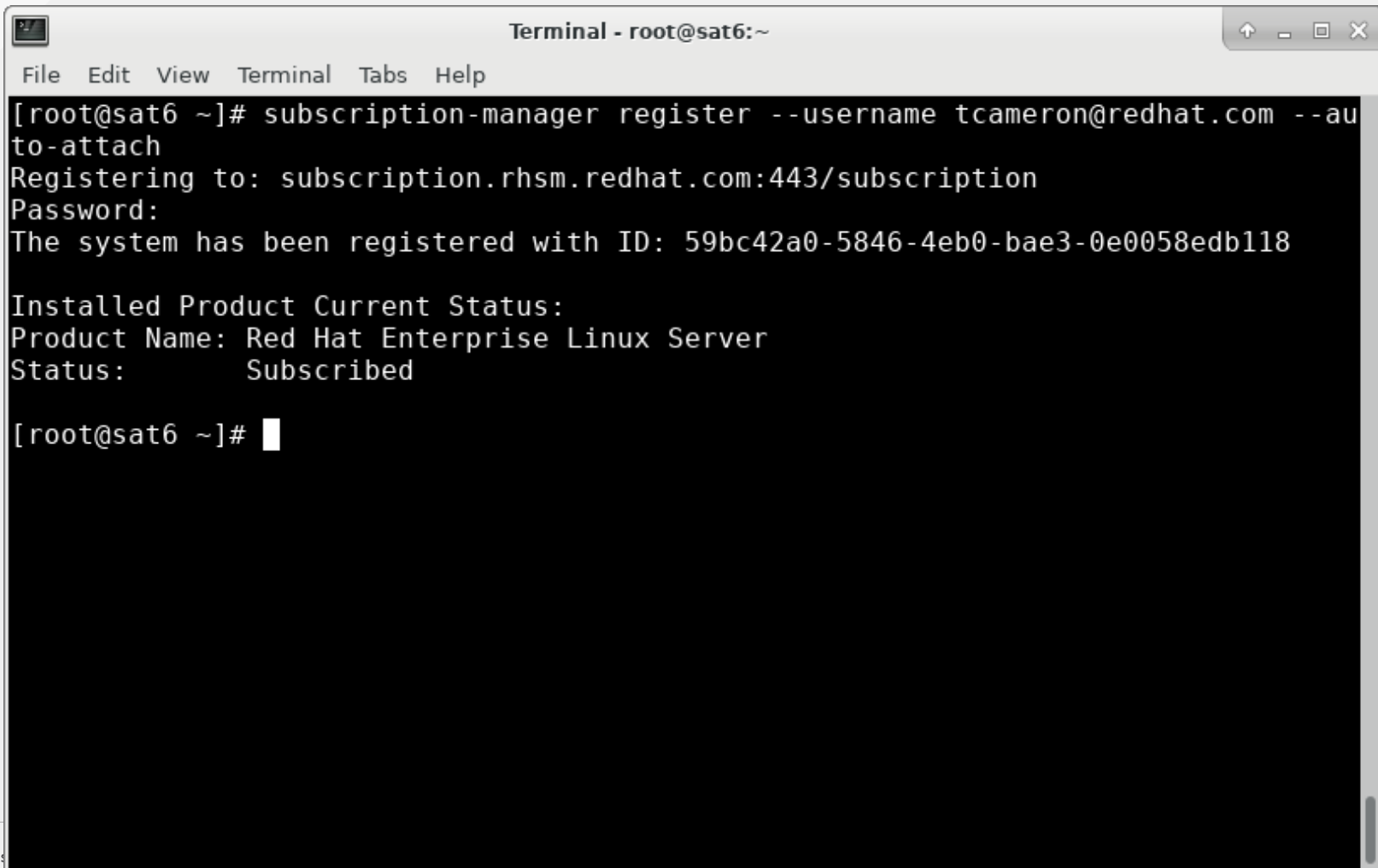
%end

%anaconda
pwpolicy root --minlen=6 --minquality=1 --notstrict --nochanges --notempty
pwpolicy user --minlen=6 --minquality=1 --notstrict --nochanges --emptyok
pwpolicy luks --minlen=6 --minquality=1 --notstrict --nochanges --notempty
%end
```

INSTALLATION

Register to Red Hat

Use subscription-manager

A terminal window titled "Terminal - root@sat6:~" with a menu bar (File, Edit, View, Terminal, Tabs, Help) and standard window controls. The terminal output shows the command "subscription-manager register --username tcameron@redhat.com --auto-attach" being executed. It displays the registration URL, a password prompt, the assigned ID, and the product status as "Red Hat Enterprise Linux Server" with a "Subscribed" status. The prompt "[root@sat6 ~]#" is followed by a cursor.

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
[root@sat6 ~]# subscription-manager register --username tcameron@redhat.com --auto-attach
Registering to: subscription.rhsm.redhat.com:443/subscription
Password:
The system has been registered with ID: 59bc42a0-5846-4eb0-bae3-0e0058edb118

Installed Product Current Status:
Product Name: Red Hat Enterprise Linux Server
Status:      Subscribed

[root@sat6 ~]#
```

INSTALLATION

Register to Red Hat

Attach to the Satellite pool



Terminal - root@sat6:~



File Edit View Terminal Tabs Help

```
[root@sat6 ~]# subscription-manager list --available
```



```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
Subscription Name: Red Hat Satellite Employee Subscription
Provides: Red Hat Satellite 5 Managed DB Beta
Red Hat Satellite
Red Hat Satellite Proxy - Extended Life Cycle Support
Red Hat Satellite Proxy
Red Hat Satellite - Extended Life Cycle Support
Red Hat Satellite Capsule
Red Hat Satellite with Embedded Oracle
Red Hat Satellite Beta
Red Hat Enterprise Linux High Availability (for RHEL
Server)
Red Hat Enterprise Linux Load Balancer (for RHEL Server)
Red Hat Beta
Red Hat Satellite 5 Managed DB - Extended Life Cycle
Support
Red Hat Satellite 5 Managed DB
Red Hat Satellite Capsule Beta
Red Hat Satellite 5 Proxy Beta
Red Hat Satellite 6 Beta
Red Hat Software Collections Beta (for RHEL Server)
Red Hat Software Collections (for RHEL Server)
Red Hat Enterprise Linux Server
SKU: SER0232US
Contract: 11541732
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help

Red Hat Beta
Red Hat Satellite 5 Managed DB - Extended Life Cycle
Support
Red Hat Satellite 5 Managed DB
Red Hat Satellite Capsule Beta
Red Hat Satellite 5 Proxy Beta
Red Hat Satellite 6 Beta
Red Hat Software Collections Beta (for RHEL Server)
Red Hat Software Collections (for RHEL Server)
Red Hat Enterprise Linux Server
SKU: SER0232US
Contract: 11541732
Pool ID: 8a85f98c6027eb7301602a3948331fde
Provides Management: Yes
Available: 1
Suggested: 1
Service Level: Self-Support
Service Type: L1-L3
Subscription Type: Standard
Ends: 12/05/2018
System Type: Physical

Subscription Name: Red Hat Enterprise Linux Developer Suite
Provides: Red Hat EUCJP Support (for RHEL Server) - Extended Update
```



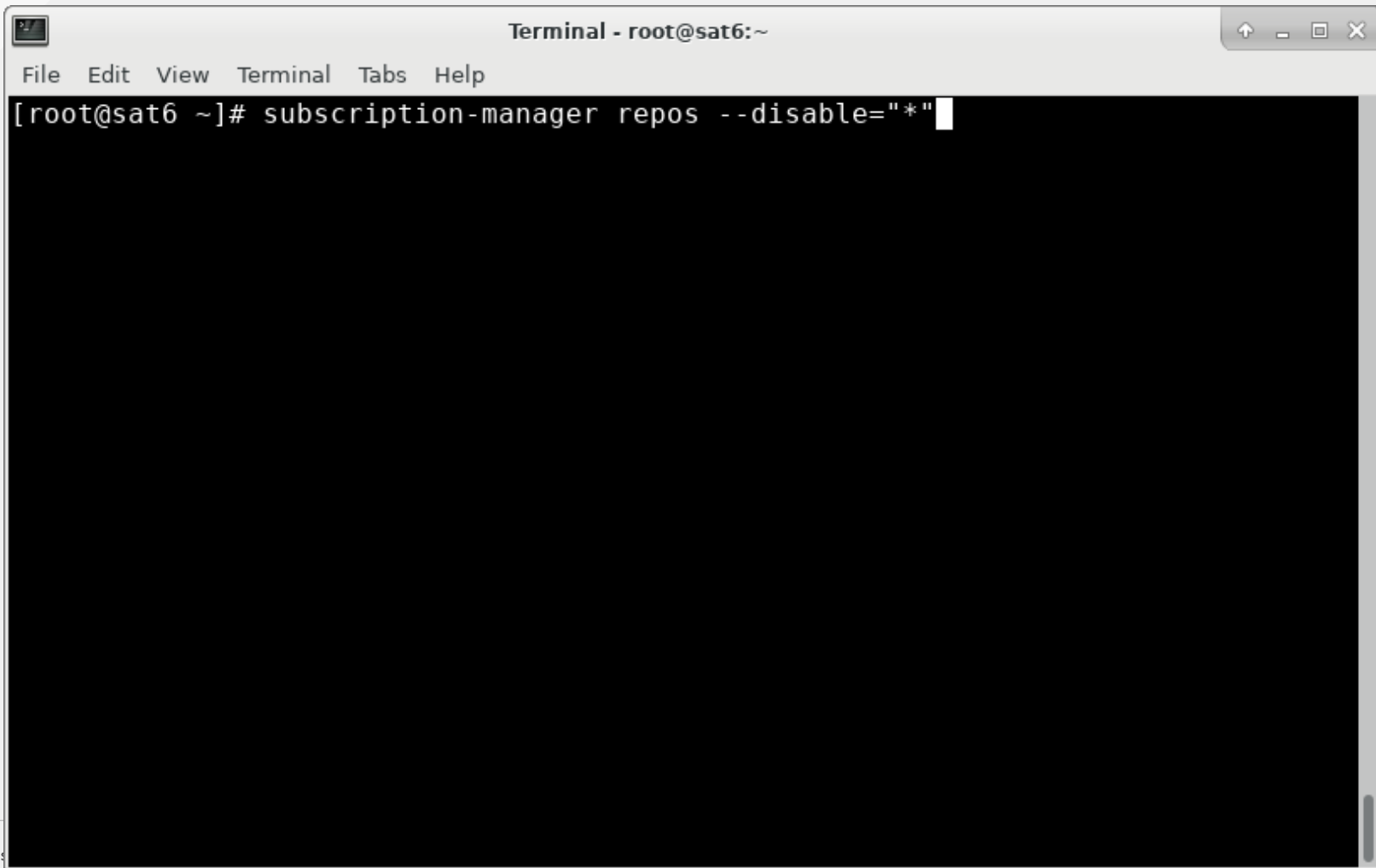
File Edit View Terminal Tabs Help

```
[root@sat6 ~]# subscription-manager attach --pool 8a85f98c6027eb7301602a3948331fde
Successfully attached a subscription for: Red Hat Satellite Employee Subscription
1 local certificate has been deleted.
[root@sat6 ~]#
```

INSTALLATION

Attach to correct repos


Disable all, then enable Server, Satellite, and Software Collections





File Edit View Terminal Tabs Help

```
Repository 'rhel-7-server-rhmap-4.2-source-rpms' is disabled for this system.
Repository 'rhel-7-server-openstack-11-tools-source-rpms' is disabled for this system.
Repository 'rhel-7-server-rhev-mgmt-agent-els-rpms' is disabled for this system.
Repository 'rhel-7-server-satellite-tools-6-beta-rpms' is disabled for this system.
Repository 'rhel-7-server-rhceph-1.2-osd-debug-rpms' is disabled for this system.
Repository 'rhel-7-server-openstack-6.0-source-rpms' is disabled for this system.
Repository 'amq-clients-2-for-rhel-7-server-source-rpms' is disabled for this system.
Repository 'rhel-7-server-ansible-2.4-source-rpms' is disabled for this system.
Repository 'rhel-7-server-rhn-tools-source-rpms' is disabled for this system.
Repository 'rhel-7-server-openstack-12-optools-rpms' is disabled for this system.
Repository 'rhel-sjis-for-rhel-7-server-eus-rpms' is disabled for this system.
Repository 'rhel-7-fast-datapath-source-rpms' is disabled for this system.
Repository 'rhel-7-server-rhscon-2-installer-rpms' is disabled for this system.
Repository 'rhel-7-server-openstack-7.0-tools-source-rpms' is disabled for this system.
Repository 'rhel-7-server-openstack-6.0-installer-rpms' is disabled for this system.
[root@sat6 ~]#
```

Terminal - root@sat6:~
File Edit View Terminal Tabs Help
[root@sat6 ~]# subscription-manager repos --enable=rhel-7-server-rpms --enable=rhel-7-server-rhsc-7-rpms --enable=rhel-7-server-satellite-6.3-rpms
Repository 'rhel-7-server-rpms' is enabled for this system.
Repository 'rhel-7-server-satellite-6.3-rpms' is enabled for this system.
Repository 'rhel-7-server-rhsc-7-rpms' is enabled for this system.
[root@sat6 ~]#

INSTALLATION

Install additional software

Install sos, chrony, and anything else you need.

I usually install bash-completion, too



File Edit View Terminal Tabs Help

```
[root@sat6 ~]# yum -y install sos chrony bash-completion
```

```
Loaded plugins: product-id, search-disabled-repos, subscription-manager
```

```
rhel-7-server-rpms | 3.5 kB 00:00
```

```
rhel-7-server-satellite-6.3-rpms | 4.0 kB 00:00
```

```
rhel-server-rhsc-7-rpms | 3.5 kB 00:00
```



```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
Updating      : chrony-3.2-2.el7.x86_64                                4/6
Installing    : 1:bash-completion-2.1-6.el7.noarch                  5/6
Cleanup       : chrony-3.1-2.el7.x86_64                              6/6
rhel-7-server-rpms/7Server/x86_64/productid | 2.1 kB    00:00
rhel-7-server-satellite-6.3-rpms/x86_64/productid | 2.1 kB    00:00
rhel-server-rhsc-7-rpms/7Server/x86_64/productid | 2.1 kB    00:00
Verifying     : 1:bash-completion-2.1-6.el7.noarch                  1/6
Verifying     : bzip2-1.0.6-13.el7.x86_64                          2/6
Verifying     : chrony-3.2-2.el7.x86_64                            3/6
Verifying     : sos-3.5-6.el7.noarch                                4/6
Verifying     : python-six-1.9.0-2.el7.noarch                      5/6
Verifying     : chrony-3.1-2.el7.x86_64                            6/6

Installed:
  bash-completion.noarch 1:2.1-6.el7          sos.noarch 0:3.5-6.el7

Dependency Installed:
  bzip2.x86_64 0:1.0.6-13.el7          python-six.noarch 0:1.9.0-2.el7

Updated:
  chrony.x86_64 0:3.2-2.el7

Complete!
[root@sat6 ~]#
```

INSTALLATION

Enable chrony

```
systemctl enable chronyd
```

```
systemctl start chronyd
```

```
systemctl status chronyd
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help

[root@sat6 ~]# systemctl enable chronyd
[root@sat6 ~]# systemctl start chronyd
[root@sat6 ~]# systemctl status chronyd
● chronyd.service - NTP client/server
   Loaded: loaded (/usr/lib/systemd/system/chronyd.service; enabled; vendor preset: enabled)
   Active: active (running) since Thu 2018-04-26 19:17:44 CDT; 1min 26s ago
     Docs: man:chronyd(8)
           man:chrony.conf(5)
  Main PID: 1701 (chronyd)
    CGroup: /system.slice/chronyd.service
            └─1701 /usr/sbin/chronyd

Apr 26 19:17:44 sat6.tc.redhat.com systemd[1]: Starting NTP client/server...
Apr 26 19:17:44 sat6.tc.redhat.com chronyd[1701]: chronyd version 3.2 startin...
Apr 26 19:17:44 sat6.tc.redhat.com chronyd[1701]: Frequency 0.000 +/- 1000000...
Apr 26 19:17:44 sat6.tc.redhat.com systemd[1]: Started NTP client/server.
Hint: Some lines were ellipsized, use -l to show in full.
[root@sat6 ~]#
```

INSTALLATION

Update and reboot

```
yum -y update && init 6
```



Terminal - root@sat6:~



File Edit View Terminal Tabs Help

```
[root@sat6 ~]# yum -y update && init 6
```



File Edit View Terminal Tabs Help

```
systemd-libs.x86_64 0:219-57.el7
systemd-sysv.x86_64 0:219-57.el7
tar.x86_64 2:1.26-34.el7
teamd.x86_64 0:1.27-4.el7
tuned.noarch 0:2.9.0-1.el7
tzdata.noarch 0:2018d-1.el7
util-linux.x86_64 0:2.23.2-52.el7
vim-minimal.x86_64 2:7.4.160-4.el7
virt-what.x86_64 0:1.18-4.el7
wpa_supplicant.x86_64 1:2.6-9.el7
xfsprogs.x86_64 0:4.5.0-15.el7
yum.noarch 0:3.4.3-158.el7
yum-rhn-plugin.noarch 0:2.0.1-10.el7
```

Replaced:

```
grub2.x86_64 1:2.02-0.64.el7
grub2-tools.x86_64 1:2.02-0.64.el7
python-rhsm.x86_64 0:1.19.9-1.el7
python-rhsm-certificates.x86_64 0:1.19.9-1.el7
```

Complete!

Connection to sat6 closed by remote host.

Connection to sat6 closed.

[tcameron@case ~]\$

INSTALLATION

Open the firewall up

```
firewall-cmd --add-service=RH-Satellite-6
```


```
firewall-cmd --permanent --add-service=RH-Satellite-6
```

```
firewall-cmd --add-service=tftp
```

```
firewall-cmd --permanent --add-service=tftp
```

```
firewall-cmd --add-service=dhcp
```

```
firewall-cmd --permanent --add-service=dhcp
```

Terminal - root@sat6:~

File Edit View Terminal Tabs Help

```
[root@sat6 ~]# firewall-cmd --add-service=RH-Satellite-6
success
[root@sat6 ~]# firewall-cmd --permanent --add-service=RH-Satellite-6
success
[root@sat6 ~]# firewall-cmd --add-service=tftp
success
[root@sat6 ~]# firewall-cmd --permanent --add-service=tftp
success
[root@sat6 ~]# firewall-cmd --add-service=dhcp
success
[root@sat6 ~]# firewall-cmd --permanent --add-service=dhcp
success
[root@sat6 ~]#
```

INSTALLATION

Install the Satellite RPM and run the installer

```
yum -y install satellite
```



Terminal - root@sat6:~



File Edit View Terminal Tabs Help

```
[root@sat6 ~]# yum -y install satellite
```



File Edit View Terminal Tabs Help

```
tftp-server.x86_64 0:5.2-22.el7
tomcat.noarch 0:7.0.76-6.el7
tomcat-el-2.2-api.noarch 0:7.0.76-6.el7
tomcat-jsp-2.2-api.noarch 0:7.0.76-6.el7
tomcat-lib.noarch 0:7.0.76-6.el7
tomcat-servlet-3.0-api.noarch 0:7.0.76-6.el7
trousers.x86_64 0:0.3.14-2.el7
ttmkfdir.x86_64 0:3.0.9-42.el7
tzdata-java.noarch 0:2018d-1.el7
unzip.x86_64 0:6.0-19.el7
v8.x86_64 1:3.14.5.10-19.el7sat
wget.x86_64 0:1.14-15.el7_4.1
xalan-j2.noarch 0:2.7.1-23.el7
xerces-j2.noarch 0:2.11.0-17.el7_0
xml-commons-apis.noarch 0:1.4.01-16.el7
xml-commons-resolver.noarch 0:1.2-15.el7
xorg-x11-font-utils.x86_64 1:7.5-20.el7
xorg-x11-fonts-Type1.noarch 0:7.5-9.el7
yajl.x86_64 0:2.0.4-4.el7
yaml-cpp.x86_64 0:0.5.1-7.el7sat
zip.x86_64 0:3.0-11.el7
```

Complete!

[root@sat6 ~]#

INSTALLATION

Install the Satellite RPM and run the installer

```
satellite-installer --scenario satellite \  
--foreman-initial-organization "Red Hat" \  
--foreman-initial-location Austin \  
--foreman-admin-username administrator \  
--foreman-admin-password red22hat \  
--foreman-proxy-dns true \  
--foreman-proxy-dns-interface eth0 \  
--foreman-proxy-dns-zone tc.redhat.com \  
--foreman-proxy-dns-forwarders 8.8.8.8 \
```

INSTALLATION

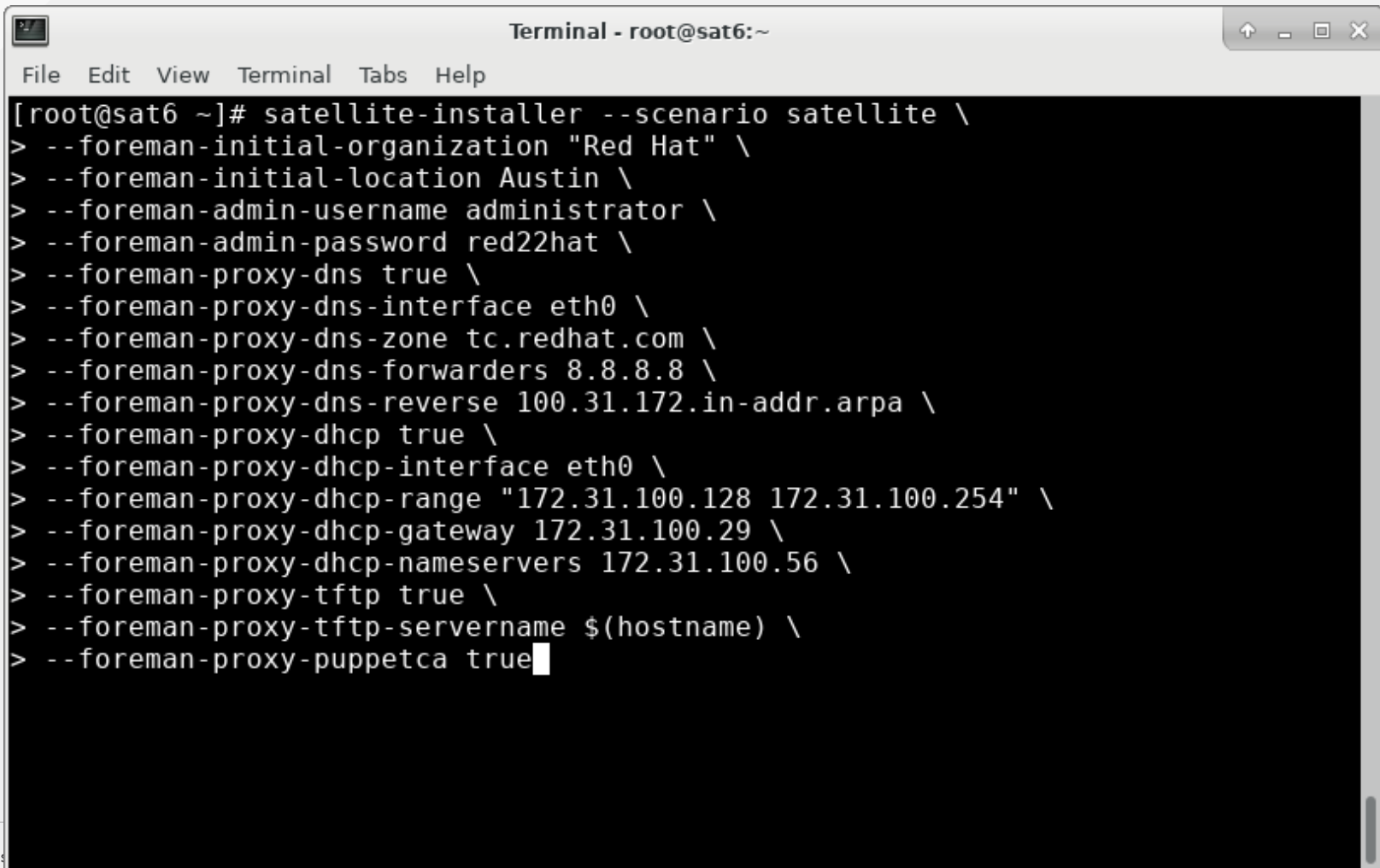
Install the Satellite RPM and run the installer

```
--foreman-proxy-dns-reverse 100.31.172.in-addr.arpa \  
--foreman-proxy-dhcp true \  
--foreman-proxy-dhcp-interface eth0 \  
--foreman-proxy-dhcp-range "172.31.100.128 172.31.100.254" \  
--foreman-proxy-dhcp-gateway 172.31.100.29 \  
--foreman-proxy-dhcp-nameservers 172.31.100.56 \  
--foreman-proxy-tftp true \  
--foreman-proxy-tftp-servername $(hostname) \  
--foreman-proxy-puppetca true
```

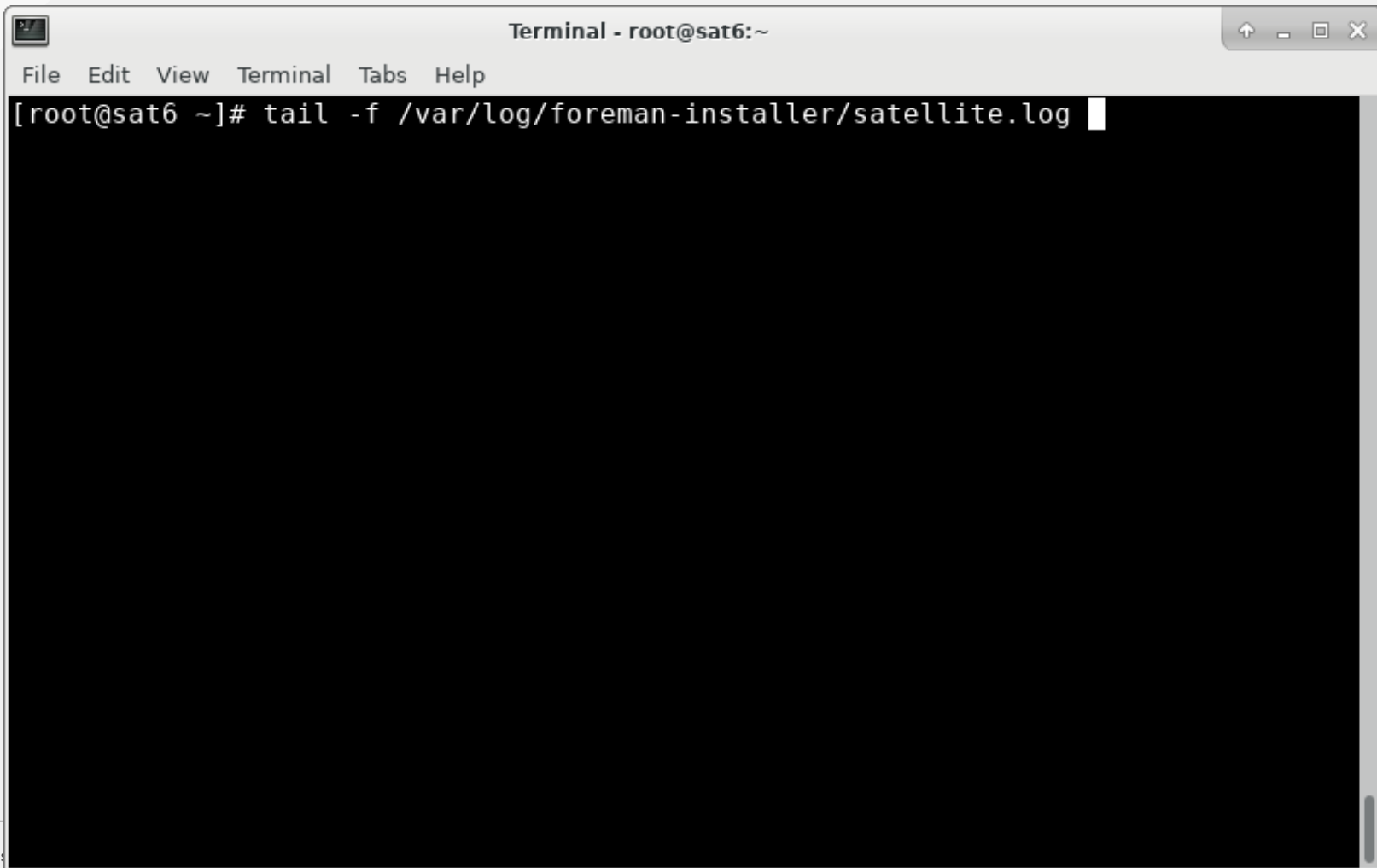
INSTALLATION

Install the Satellite RPM and run the installer

Note that if you copy and paste from this slide deck, Google slides changes the quotes to curly quotes. You'll need to make sure you're using console quotation marks when you paste and not the curly quotes.



```
Terminal - root@sat6:~  
File Edit View Terminal Tabs Help  
[root@sat6 ~]# satellite-installer --scenario satellite \  
> --foreman-initial-organization "Red Hat" \  
> --foreman-initial-location Austin \  
> --foreman-admin-username administrator \  
> --foreman-admin-password red22hat \  
> --foreman-proxy-dns true \  
> --foreman-proxy-dns-interface eth0 \  
> --foreman-proxy-dns-zone tc.redhat.com \  
> --foreman-proxy-dns-forwarders 8.8.8.8 \  
> --foreman-proxy-dns-reverse 100.31.172.in-addr.arpa \  
> --foreman-proxy-dhcp true \  
> --foreman-proxy-dhcp-interface eth0 \  
> --foreman-proxy-dhcp-range "172.31.100.128 172.31.100.254" \  
> --foreman-proxy-dhcp-gateway 172.31.100.29 \  
> --foreman-proxy-dhcp-nameservers 172.31.100.56 \  
> --foreman-proxy-tftp true \  
> --foreman-proxy-tftp-servername $(hostname) \  
> --foreman-proxy-puppetca true
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help

[root@sat6 ~]# tail -f /var/log/foreman-installer/satellite.log
[ INFO 2018-04-27 10:15:34 main] Class[Tftp::Params]: Evaluated in 0.00 seconds
[ INFO 2018-04-27 10:15:34 main] Concat::Fragment[foreman-serversignature]: Starting to evaluate the resource
[ INFO 2018-04-27 10:15:34 main] Concat::Fragment[foreman-serversignature]: Evaluated in 0.00 seconds
[ INFO 2018-04-27 10:15:34 main] /Stage[main]/Foreman::Config::Passenger/Apache::Vhost[foreman]/Concat::Fragment[foreman-serversignature]/Concat_fragment[foreman-serversignature]: Starting to evaluate the resource
[ INFO 2018-04-27 10:15:34 main] /Stage[main]/Foreman::Config::Passenger/Apache::Vhost[foreman]/Concat::Fragment[foreman-serversignature]/Concat_fragment[foreman-serversignature]: Evaluated in 0.00 seconds
[ INFO 2018-04-27 10:15:34 main] /Stage[main]/Foreman_proxy::Tftp/Package[grub2-efi-x64]: Starting to evaluate the resource
[DEBUG 2018-04-27 10:15:34 main] Executing '/usr/bin/rpm -q grub2-efi-x64 --nosignature --nodigest --qf %{NAME} %|EPOCH?{%{EPOCH}}:{0}| %{VERSION} %{RELEASE} %{ARCH}\n'
[DEBUG 2018-04-27 10:15:34 main] Executing '/usr/bin/yum -d 0 -e 0 -y list grub2-efi-x64'
[DEBUG 2018-04-27 10:15:41 main] Package[grub2-efi-x64](provider=yum): Ensuring => present
[DEBUG 2018-04-27 10:15:41 main] Executing '/usr/bin/yum -d 0 -e 0 -y install grub2-efi-x64'
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
[root@sat6 ~]# satellite-installer --scenario satellite \
> --foreman-initial-organization "Red Hat" \
> --foreman-initial-location Austin \
> --foreman-admin-username administrator \
> --foreman-admin-password red22hat \
> --foreman-proxy-dns true \
> --foreman-proxy-dns-interface eth0 \
> --foreman-proxy-dns-zone tc.redhat.com \
> --foreman-proxy-dns-forwarders 8.8.8.8 \
> --foreman-proxy-dns-reverse 100.31.172.in-addr.arpa \
> --foreman-proxy-dhcp true \
> --foreman-proxy-dhcp-interface eth0 \
> --foreman-proxy-dhcp-range "172.31.100.128 172.31.100.254" \
> --foreman-proxy-dhcp-gateway 172.31.100.29 \
> --foreman-proxy-dhcp-nameservers 172.31.100.56 \
> --foreman-proxy-tftp true \
> --foreman-proxy-tftp-servername $(hostname) \
> --foreman-proxy-puppetca true
Installing          Package[bind-utils] [0%]
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
> --foreman-proxy-dhcp true \
> --foreman-proxy-dhcp-interface eth0 \
> --foreman-proxy-dhcp-range "172.31.100.128 172.31.100.254" \
> --foreman-proxy-dhcp-gateway 172.31.100.29 \
> --foreman-proxy-dhcp-nameservers 172.31.100.56 \
> --foreman-proxy-tftp true \
> --foreman-proxy-tftp-servername $(hostname) \
> --foreman-proxy-puppetca true
Installing Done [100%]
Success!
* Satellite is running at https://sat6.tc.redhat.com
  Initial credentials are administrator / red22hat

* To install an additional Capsule on separate machine continue by running:

  capsule-certs-generate --foreman-proxy-fqdn "$CAPSULE" --certs-tar "/root/
$CAPSULE-certs.tar"

* To upgrade an existing 6.2 Capsule to 6.3:
  Please see official documentation for steps and parameters to use when upg
  rading a 6.2 Capsule to 6.3.

  The full log is at /var/log/foreman-installer/satellite.log
[root@sat6 ~]#
```

MANIFEST

MANIFEST

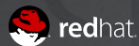
What is the manifest?

A manifest is a zip archive with gpg-signed XML documents inside which allow you to allocate your subscriptions to the Satellite server. You can allocate all or a subset of your subscriptions on a per-organization basis.

MANIFEST

Create the manifest

Go to <http://access.redhat.com>, log in, and choose “My Subscriptions.”



THE OPEN BRAND PROJECT

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[My Subscriptions](#)



[Registration Assistant](#)



[Open a Support Case](#)



[Contact Us](#)

WHAT'S NEW

[OpenShift security vulnerability \(CVE-2018-1102\)](#)

27 Apr 2018, 3:12 PM GMT

[Red Hat Enterprise Linux 6.10 Beta](#)

RED HAT SUMMIT

Explore your curiosity. Use promo code CEE18 to save

CUSTOMER PORTAL SEARCH

Introducing enhanced search functionality, including new filters

RED HAT CUSTOMER PORTAL LABS

Red Hat Satellite Upgrade Helper eases your upgrade to the


Log in to Red Hat IDP - Google Chrome

Log in to Red Hat IDP x

Red Hat, Inc. [US] | https://sso.redhat.com/auth/realms/redhat-external/protocol/openid-connect/auth?client_id=customer-portal&redirect_uri=https%3A%2F%2Faccess.redhat.com%2Fwebassets%2Favalon%2Fj%2Fincludes...

Apps Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

REDHAT.COM CUSTOMER PORTAL



Log in to your Red Hat account

tcameron@redhat.com

LOG IN [Forgot your login or password?](#)

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[Register](#) ▶

Need to access an account?

If your company has an existing Red Hat account, your organization administrator can grant you access.

[Create new user*](#) ▶

*Organization administrators only

Get help

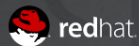
If you have questions, contact customer service.

[Contact customer service](#) ▶



SUBSCRIPTIONS DOWNLOADS CONTAINERS SUPPORT CASES

Thomas Cameron



CUSTOMER
PORTAL

Products & Services

Tools

Security

Community

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GET INVOLVED

Hello, Thomas Cameron

Red Hat Account Number: 739897

[Getting Started with Red Hat](#)

[My Profile](#)

[User Management](#)

Search the Customer Portal

Enter Your Search Term



My Subscriptions



Registration
Assistant



Open a Support
Case



Contact Us

WHAT'S NEW

[OpenShift security vulnerability
\(CVE-2018-1102\)](#)

27 Apr 2018, 3:12 PM GMT

[Red Hat Enterprise Linux 6.10 Beta](#)

RED HAT SUMMIT

Explore your
curiosity. Use promo
code CEE18 to save

CUSTOMER PORTAL SEARCH

Introducing enhanced
search functionality,
including new filters

RED HAT CUSTOMER PORTAL LABS

Red Hat Satellite
Upgrade Helper eases
your upgrade to the

Red Hat Subscription Management



Subscription Utilization

Quickly analyze your subscriptions and entitlements usage.

Inventory

View a list of all your Red Hat subscriptions.

🕒 Active	6
🕒 Ready to Renew	0
⚠️ Recently Expired	1
📅 Future Dated	0



Contracts

A record of all your subscription purchases.

Active Contracts	4
Total Contracts	52



Systems

Manage systems and other entities to which subscriptions are attached.

Physical Systems	2
Virtual Systems	5
Hypervisors	0
Red Hat Update Infrastructure (RHUI)	0



Errata

View the errata affecting your systems.

🛡️ Security Advisories	
Critical	<input type="radio"/>
Important	<input type="radio"/>
Moderate	<input type="radio"/>
Low	<input type="radio"/>
🔧 Bug Fix Advisories	<input type="radio"/>
🔧 Product Enhancement Advisories	<input type="radio"/>

MANIFEST

Create the manifest

Scroll down and choose “Subscription Allocations”

In my lab, I already have a production Satellite server called `satellite.tc.redhat.com` - you can ignore that.



Systems

Manage systems and other entities to which subscriptions are attached.

Physical Systems	2
Virtual Systems	5
Hypervisors	0
Red Hat Update Infrastructure (RHUI)	0



Errata

View the errata affecting your systems.

Security Advisories	31
Critical	4
Important	11
Moderate	13
Low	3
Bug Fix Advisories	166
Product Enhancement Advisories	50



Subscription Allocations

Allocate subscriptions for export to an on-premise management application such as Red Hat Satellite.

Red Hat Satellite	1
Subscription Asset Manager	0



Activation Keys

Use to pre-define subscriptions and auto-attach preferences during registration.

Activation Keys	0
-----------------	---

Red Hat Subscription Management

Find out what's new and discover how to optimize the management of your subscriptions

[Learn more about RHSM](#)

Purchase Subscriptions

[Purchase subscriptions online](#)
[Contact Sales](#)

If you have purchased a subscription from a third party, you may need to [activate your subscription](#).

Help with registering systems

If you are having trouble registering a system, try our Registration Assistant in Access Labs.

[Go to Registration Assistant](#)

Subscription Allocations

Filter by Name or UUID

[.CSV](#) [New Subscription Allocation](#)

	Name	Type	Entitlements	UUID
	satellite.tc.redhat.com	Satellite	10	bbca23b5-a602-48aa-8c43-19391ca39afe

Show entries

Showing 1 to 1 of 1 entries

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

Have feedback on Red Hat Customer Portal Subscription Management?

[TELL US WHAT YOU THINK](#)

MANIFEST

Create the manifest

We'll define a new Satellite server called `sat6.tc.redhat.com` for use for the rest of this demo.

Click “New Subscription Allocation,” set the Satellite name, the version, and click “Create.”



CUSTOMER
PORTAL

Products & Services

Tools

Security

Community

Overview Subscriptions Systems **Subscription Allocations** Contracts Errata Activation Keys

[Subscription Allocations](#) » Create new subscription allocation

Create a New subscription allocation

Creating a new subscription allocation allows you to export subscriptions from the Red Hat Customer Portal to your on-premise subscription management application.

Name

Provide a name that will help you associate this subscription allocation with a specific organization or on-premise subscription management application.

Type

Due to variation in supported features, it is important to match the type and version of the subscription management application you are using.

Create

Cancel

Have feedback on Red Hat Customer Portal Subscription Management?

TELL US WHAT YOU THINK



QUICK LINKS

Downloads

Subscriptions

HELP

Contact Us

Customer Portal FAQ

SITE INFO

Trust Red Hat

Browser Support Policy

ABOUT

Red Hat Subscription
Value

About Red Hat

RELATED SITES

RedHat.com

JBoss.org



✓ sat6.tc.redhat.com has been successfully created

[Subscription Allocations](#) > [sat6.tc.redhat.com](#)

sat6.tc.redhat.com

Details Subscriptions

Basic Information

Name	sat6.tc.redhat.com
UUID	560a545c-8ffc-48be-9d1c-f86cdc57f13e
Type	Satellite 6.3 <input type="button" value="Update"/>

History

Created	April 27, 2018
Created by	tcameron@redhat.com
Last Modified Date	April 27, 2018

Subscriptions

Entitlements	0
--------------	---

Deleting a subscription allocation is **STRONGLY** discouraged. This action should only be taken in extreme circumstances or for debugging purposes.

DELETE

MANIFEST

Create the manifest

Go to the “Subscriptions” tab and allocate the subscriptions your organization has paid for to the Satellite.

- You can keep some on the CDN so that systems can attach directly
- You can allocate some to the Satellite server(s) in your organization

In this example, I assign 6 of my remaining 11 subscriptions to this new Satellite.

- This means I can connect 6 systems to this satellite for management.

[Subscription Allocations](#) » sat6.tc.redhat.com

sat6.tc.redhat.com

Details Subscriptions

There are no subscriptions to display

Add subscriptions to this allocation to manage your entitlements

Add Subscriptions

Have feedback on Red Hat Customer Portal Subscription Management? [TELL US WHAT YOU THINK](#)

Add Subscriptions to sat6.tc.redhat.com

Filter by Subscription Name, SKU, or Contract Number

☒ Only show subscriptions that match this subscription allocation.

☒ Include future dated subscriptions.

Subscription Name	Contract	Start Date	End Date	Available Entitlements	Entitlements
CloudForms Employee Subscription	11541730	2017-12-06	2018-12-05	7	<input type="text"/>
Employee SKU	11541733	2017-12-06	2018-12-05	11	<input type="text"/>
Red Hat Enterprise Linux Developer Suite	Not Available	2017-10-04	2018-10-04	1	<input type="text"/>
RHUI Employee Subscription	11541731	2017-12-06	2018-12-05	5	<input type="text"/>

Show 10 entries Showing 1 to 4 of 4 entries

First Previous 1 Next Last

Submit Cancel

Add Subscriptions to sat6.tc.redhat.com

Filter by Subscription Name, SKU, or Contract Number

- ☒ Only show subscriptions that match this subscription allocation.
- ☒ Include future dated subscriptions.

Subscription Name	Contract	Start Date	End Date	Available Entitlements	Entitlements
CloudForms Employee Subscription	11541730	2017-12-06	2018-12-05	7	<input type="text"/>
Employee SKU	11541733	2017-12-06	2018-12-05	11	<input type="text" value="6"/>
Red Hat Enterprise Linux Developer Suite	Not Available	2017-10-04	2018-10-04	1	<input type="text"/>
RHUI Employee Subscription	11541731	2017-12-06	2018-12-05	5	<input type="text"/>

Show 10 entries

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

Submit Cancel

MANIFEST

Create the manifest

After a few moments, you can refresh the screen and you'll see the "Export Manifest" button appear.

Click it, and download the zip file. It is generated with the Satellite server's name and a date stamp.

✓ The allocation was successfully updated. Apply these changes to the on-premise application using its refresh or import feature.

[Subscription Allocations](#) > sat6.tc.redhat.com

sat6.tc.redhat.com

Details Subscriptions

Filter by Subscription Name, SKU, or Contract Number

.CSV Add Subscriptions

	Subscription Name	SKU	Contract	Start Date	End Date	Entitlements
	Employee SKU	ES0113909	11541733	2017-12-06	2018-12-05	6

Show 10 entries

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

Have feedback on Red Hat Customer Portal Subscription Management?

TELL US WHAT YOU THINK

[Subscription Allocations](#) » [sat6.tc.redhat.com](#)

sat6.tc.redhat.com

Details Subscriptions

Filter by Subscription Name, SKU, or Contract Number

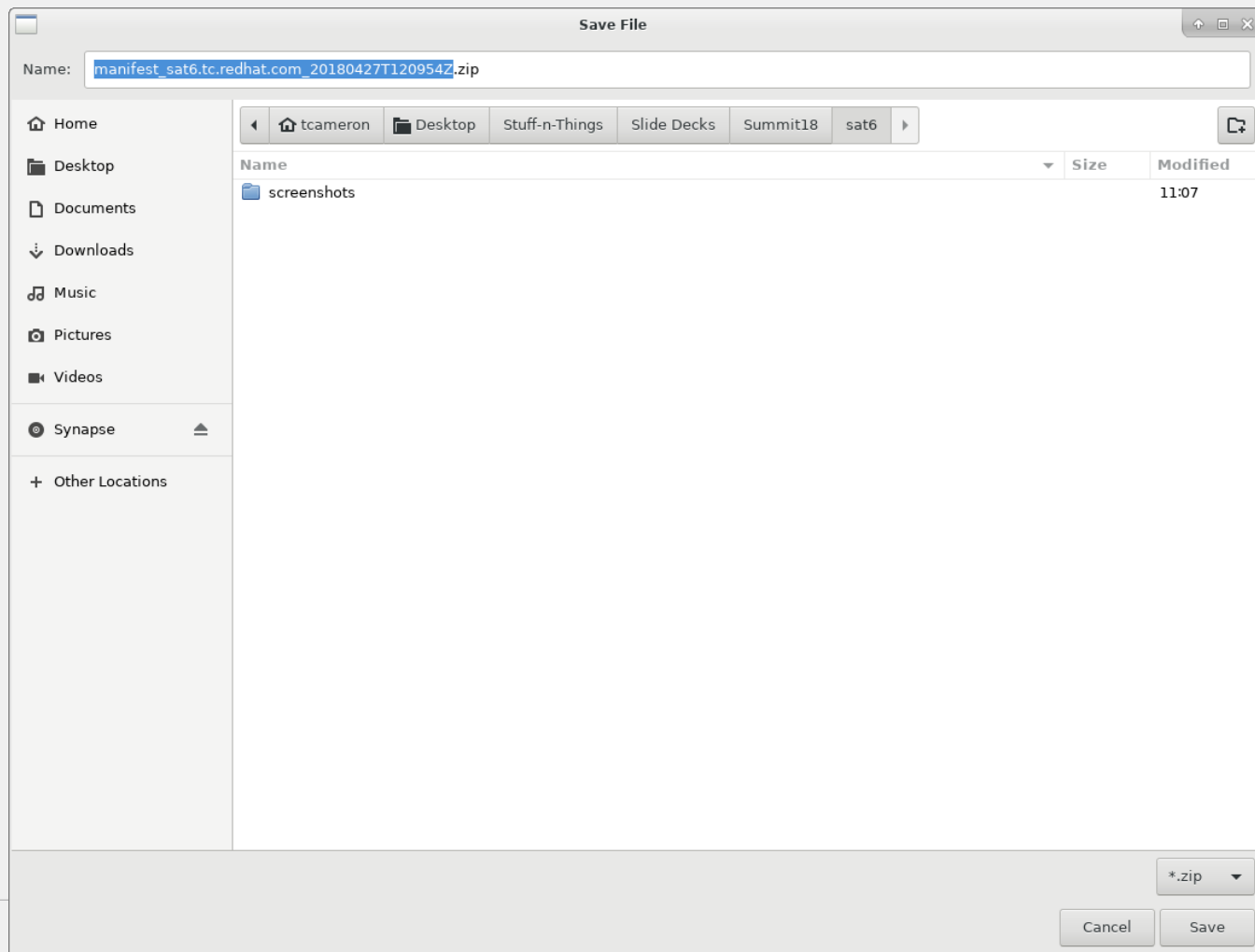
CSV Export Manifest Add Subscriptions

	Subscription Name	SKU	Contract	Start Date	End Date	Entitlements
	Employee SKU	ES0113909	11541733	2017-12-06	2018-12-05	6

Show 10 entries Showing 1 to 1 of 1 entries First Previous 1 Next Last

Have feedback on Red Hat Customer Portal Subscription Management?

TELL US WHAT YOU THINK



MANIFEST

Install the manifest

Log into your Satellite server through the web UI. It uses a self-signed certificate, so you'll have to go through the security dance.



Your connection is not private

Attackers might be trying to steal your information from **sat6.tc.redhat.com** (for example, passwords, messages, or credit cards). [Learn more](#)
NET::ERR_CERT_AUTHORITY_INVALID

☐ Automatically send some [system information and page content](#) to Google to help detect dangerous apps and sites. [Privacy policy](#)

ADVANCED

Back to safety



Your connection is not private

Attackers might be trying to steal your information from **sat6.tc.redhat.com** (for example, passwords, messages, or credit cards). [Learn more](#)
NET::ERR_CERT_AUTHORITY_INVALID

☐ Automatically send some [system information and page content](#) to Google to help detect dangerous apps and sites. [Privacy policy](#)

HIDE ADVANCED

Back to safety


This server could not prove that it is **sat6.tc.redhat.com**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Proceed to sat6.tc.redhat.com \(unsafe\)](#)

Login

Not secure | https://sat6.tc.redhat.com/users/login

AppsRed Hat CalendarISCIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team



RED HAT SATELLITE

Username

administrator

Password

Log In

Welcome to Satellite

Version 6.3.1

Overview

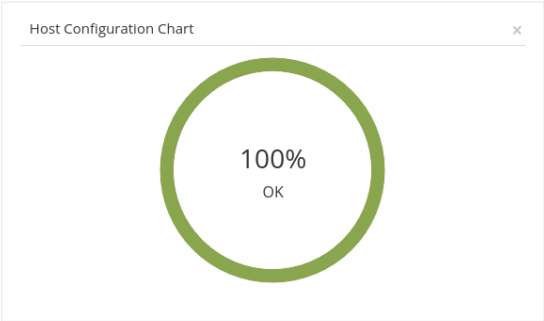
Filter ... Q Search

Generated at 27 Apr 11:13 Manage Documentation

Host Configuration Status

Hosts that had performed modifications without error	0
Hosts in error state	0
Good host reports in the last 35 minutes	1
Hosts that had pending changes	0
Out of sync hosts	0
Hosts with no reports	0
Hosts with alerts disabled	0

Total Hosts: 1



Task Status

State	Result	No. of Tasks
running	pending	2
scheduled	pending	1
stopped	success	1

Latest Warning/Error Tasks

Name	State	Result	Started
------	-------	--------	---------

0 Discovered Hosts

Content Views

MANIFEST

Install the manifest

Got to the Content menu, and choose Red Hat Subscriptions

Overview

Overview - Google Chrome

Overview

Not secure | https://sat6.tc.redhat.com

Apps

Red Hat Calendar

ISCSI

Red Hat Jobs

Fiverr: The Marke

DockerCon

Cloud Strategy

Funnies

Headlight Stuff

Personal

Mustang Stuff

RHTE EMEA 2017

RHT Links

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OpenShift

Burnette's Team

RED HAT SATELLITE

Red Hat Access

Admin User

Any Context

Monitor

Content

Containers

Hosts

Configure

Infrastructure

Red Hat Insights

Administer

Overview

Filter ...

Host Configuration Status

Hosts that had performed modification

Hosts in error state

Good host reports in the last 35 minutes

Hosts that had pending changes

Out of sync hosts

Hosts with no reports

Hosts with alerts disabled

Lifecycle Environments

Red Hat Subscriptions

Activation Keys

Red Hat Repositories

Products

GPG Keys

Sync Status

Sync Plans

Content Views

Errata

Packages

Puppet Modules

Docker Tags

Files

OSTree Branches

Q Search

Generated at 27 Apr 12:48

Manage

Documentation

Host Configuration Chart

100%
OK

Task Status

State	Result	No. of Tasks
running	pending	2
scheduled	pending	1
stopped	success	1

Latest Warning/Error Tasks

Name	State	Result	Started
------	-------	--------	---------

Content Views

https://sat6.tc.redhat.com/subscriptions

Content Views

dhathat

Select an Organization

The page you are attempting to access requires selecting a specific organization.

Please select one from the list below and you will be redirected.

Select an Organization ▾

Select an Organization

Red Hat

Select

Subscription Manifest

Subscriptions > Import Manifest

Details [Import/Remove Manifest](#) Import History

Red Hat Provider Details

Red Hat CDN URL https://cdn.redhat.com

Subscription Manifest

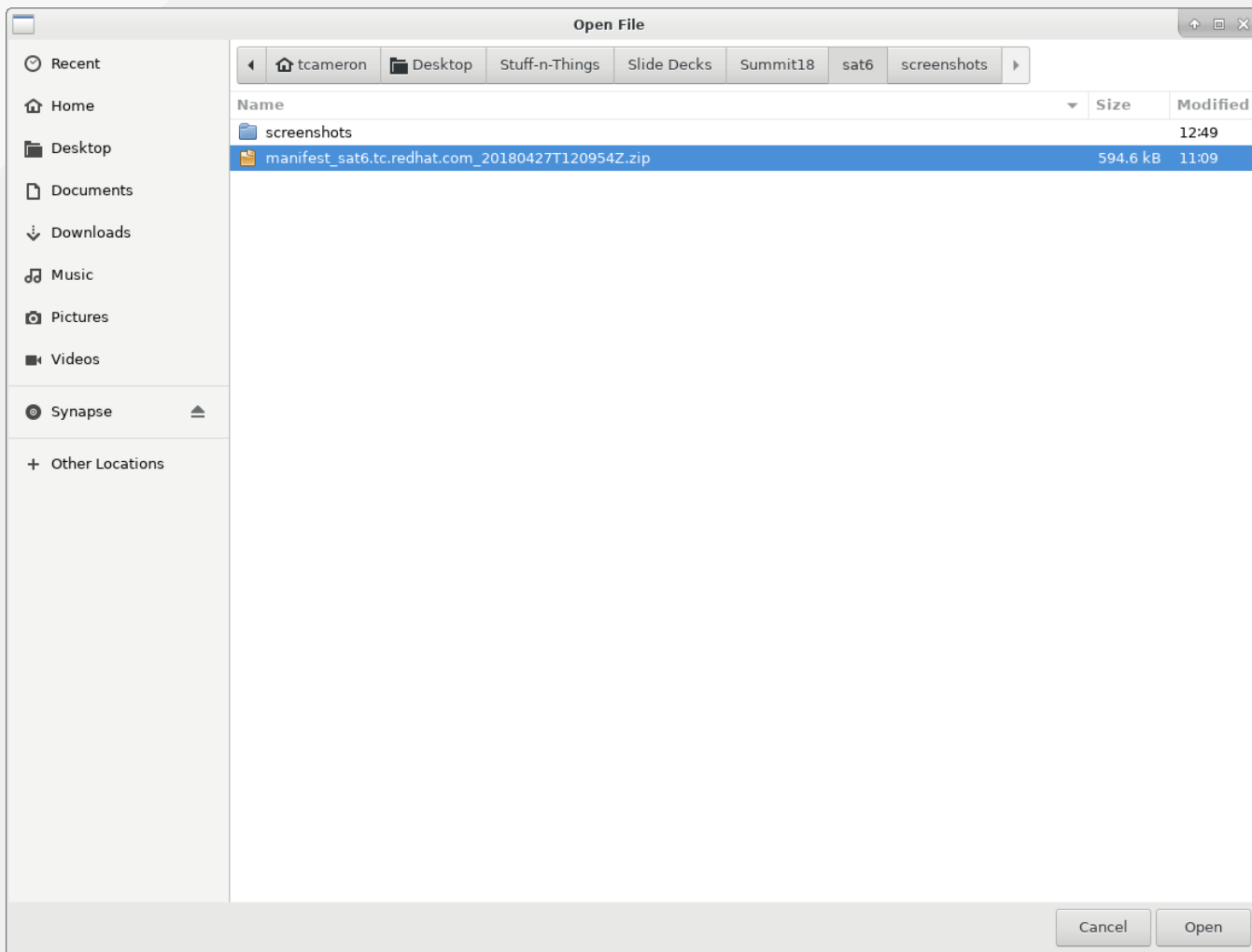
Upstream Subscription Management Application No subscription manifest imported

Upload New Manifest

No file chosen

Manifest History

Message	Time
---------	------



Subscription Manifest

Subscriptions > Import Manifest

Details

Import/Remove Manifest

Import History

Red Hat Provider Details

Red Hat CDN URL

https://cdn.redhat.com

Subscription Manifest

Upstream Subscription Management Application

No subscription manifest imported

Upload New Manifest

Choose File

manifest_sat...120954Z.zip

Upload

Manifest History

Message	Time
---------	------

Subscription Manifest

Subscriptions > Import Manifest

Details [Import/Remove Manifest](#) Import History

Red Hat Provider Details

Red Hat CDN URL https://cdn.redhat.com

Subscription Manifest

Uploading Manifest
Upstream Subscription Management Application No subscription manifest imported

Upload New Manifest
[Choose File](#) manifest_sat...120954Z.zip

Upload

Manifest History

Message	Time
---------	------

Subscription Manifest

Subscriptions > Import Manifest

Details

Import/Remove Manifest

Import History

Red Hat Provider Details

Red Hat CDN URL

https://cdn.redhat.com

Subscription Manifest

Upstream Subscription Management sat6.tc.redhat.com

Application

Delete Manifest

Refresh Manifest

Upload New Manifest

Choose File

manifest_sat...120954Z.zip

Upload

The uploaded manifest contains subscriptions that require the use of virt-who. Learn how to configure and use this tool at the [Subscription Management Home Page](#).

Manifest History

Message	Time
✓ Red_Hat file imported successfully.	4/27/18 12:50 PM

PRODUCTS

PRODUCTS

Definition

In Satellite, we use the concept of a **Product** as an organizational unit to group multiple repositories together. Such repository collections are analogous to the concept of real life products. For example, if we view Red Hat Enterprise Linux Server as a Product in Satellite, the repositories for that product might consist of different versions (6.0, 6.1, 7.0), different architectures (i386, x86_64, s390x, arm), and different add-ons (Optional repositories, Supplementary repositories, Virt V2V tools). This unifies all related repositories within the Definitive Media Library (DML). Using Products ensures repositories that depend on each other are synchronized together. For Red Hat repositories, products are created automatically after enabling the repository.

https://access.redhat.com/documentation/en-us/red_hat_satellite/6.3/html/content_management_guide/importing_red_hat_content

PRODUCTS

Creating a new product

In this case, we want to make the packages from the Extra Packages for Enterprise Linux (EPEL) available in the enterprise, so we'll define a new product for use for our distributions.

PRODUCTS

Creating a new product

Navigate to Content, then to Products, and create a new product

Subscription Manifest

Subscriptions > Manifest Details

Details Import/Remove Manifest

Subscription Details

Upstream Subscription	sat6
Upstream Type	sat6
Upstream User	
Generated On	
Last Updated	4/27
Subscription Server Details	
Rules Source	DAT
Rules Version	5.26

- Lifecycle Environments
- Red Hat Subscriptions
- Activation Keys
- Red Hat Repositories
- Products
- GPG Keys
- Sync Status
- Sync Plans
- Content Views
- Errata
- Packages
- Puppet Modules
- Docker Tags
- Files
- OSTree Branches

Products

Filter... Search

Create Product Repo Discovery Select Action

0 of 0 Selected

	Name	Description	Sync Status	Sync Plan	Repositories
You currently don't have any Products.					

Create Product

[Products](#) > [New Product](#)

Name

Label

GPG Key

Sync Plan

[+ Create Sync Plan](#)

Description

Save

Cancel

Create Product

Products > New Product

Name

Extra Packages for Enterprise Linux 7

Label

Extra_Packages_for_Enterprise_Linux_7

GPG Key

▼

Sync Plan

▼

Create Sync Plan

Description

Extra Packages for Enterprise Linux 7

Save Cancel

PRODUCTS

Creating a new product

Now we define the repository for the product. It can be either the Red Hat content delivery network (CDN), which we'll see later, or a third party repo.

Note the Download Policy now includes three options:

- Immediate: The default download policy for repositories. When using this policy, all content is downloaded before publishing the repository.
- Background: A download policy that actively retrieves content units in the background after a publish has been performed.
- On-Demand: A download policy that only saves a content unit locally after a client has requested that content unit.

Extra Packages for Enterprise Linux 7

Select Action

Products > Extra Packages for Enterprise Linux 7 > Repositories > New Repository

Details Repositories Tasks

New Repository

Basic Information

Name

EPEL7

Label

EPEL7

Type

yum

Sync Settings

Upstream URL

https://dl.fedoraproject.org/pub/epel/7/x86_64/

☒ Verify SSL

Selecting this option will result in Katello verifying that the upstream url's SSL certificates are signed by a trusted CA. Unselect if you do not want this verification.

Upstream Username

Username of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Upstream Password

Password of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Download Policy

On Demand

☒ Mirror on Sync

Selecting this option will result in content that is a larger part of the upstream repository being mirrored during synchronization.

New Repository - Google Chrome

Not secure | https://sat6.tc.redhat.com/products/237/repositories/new

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Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

EPEL7

Label

EPEL7

Type

yum

Sync Settings

Upstream URL

https://dl.fedoraproject.org/pub/epel/7/x86_64/

☒ Verify SSL

Selecting this option will result in Katello verifying that the upstream url's SSL certificates are signed by a trusted CA. Unselect if you do not want this verification.

Upstream Username

Username of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Upstream Password

Password of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Download Policy

On Demand

☒ Mirror on Sync

Selecting this option will result in contents that are no longer part of the upstream repository being removed during synchronization.

☐ Ignore Global Http Proxy

Selecting this option will result in the globally configured http proxy from not being used.

Published Repository Information

Checksum

Default

For older operating systems such as Red Hat Enterprise Linux 5 or CentOS 5 it is recommended to use sha1.

☒ Publish via HTTP

GPG Key

Save Cancel

Extra Packages for Enterprise Linux 7

Products > Extra Packages for Enterprise Linux 7 > Repositories

Repository EPEL7 successfully created.

Details Repositories Tasks

Filter... Search New Repository Sync Now Remove Repositories

	Name	Type	Sync Status	Content
<input type="checkbox"/>	EPEL7	yum	Not Synced	0 Packages 0 Errata 0 Package Groups

PRODUCTS

Adding Puppet module(s)

Satellite 6 currently uses Puppet for configuration management. In this example, I'll set up a simple message of the day (MOTD) Puppet module



A repository of 5,581 modules for Puppet
and Puppet Enterprise® IT automation software

[Publish a Module](#) [Sign Up](#) [Log In](#)

What do you want to do?

Supported/Approved

Operating System

With Tasks?

Any

Any

Any

Search



puppetlabs/motd by: Puppet

PKD

SUPPORTED

A simple module to demonstrate managing /etc/motd or Windows Logon Message as a template

[Project URL](#) [Report Issues](#) [RSS Feed](#)

Latest version is compatible with:

- Puppet Enterprise 2017.3.x, 2017.2.x, 2017.1.x, 2016.5.x, 2016.4.x
- Puppet >= 4.7.0 < 6.0.0
- RedHat, Windows, Ubuntu, Debian, Scientific, CentOS, OracleLinux

Tags: [testing](#)

To use this module, add this declaration to your Puppetfile:

```
mod 'puppetlabs-motd', '1.8.0'
```

[Learn more about managing modules with a Puppetfile](#)

[download latest tar.gz](#)

2,401,853

Latest version: 9.347

To manually install this module with puppet module tool:

```
puppet module install puppetlabs-motd --version 1.8.0
```

Quality Score

5.0

No change with last release

[details](#)

Community Rating

3.6

Based on 14 questions answered

[details](#)

Tell us about this module

How helpful are the docs? ☐ not at all ☒ helpful

How easy to use? ☐ hard ☒ easy

Does what it promises? ☒ Y ☐ N

Works without changes? ☒ Y ☐ N

Used in production? ☒ Y ☐ N

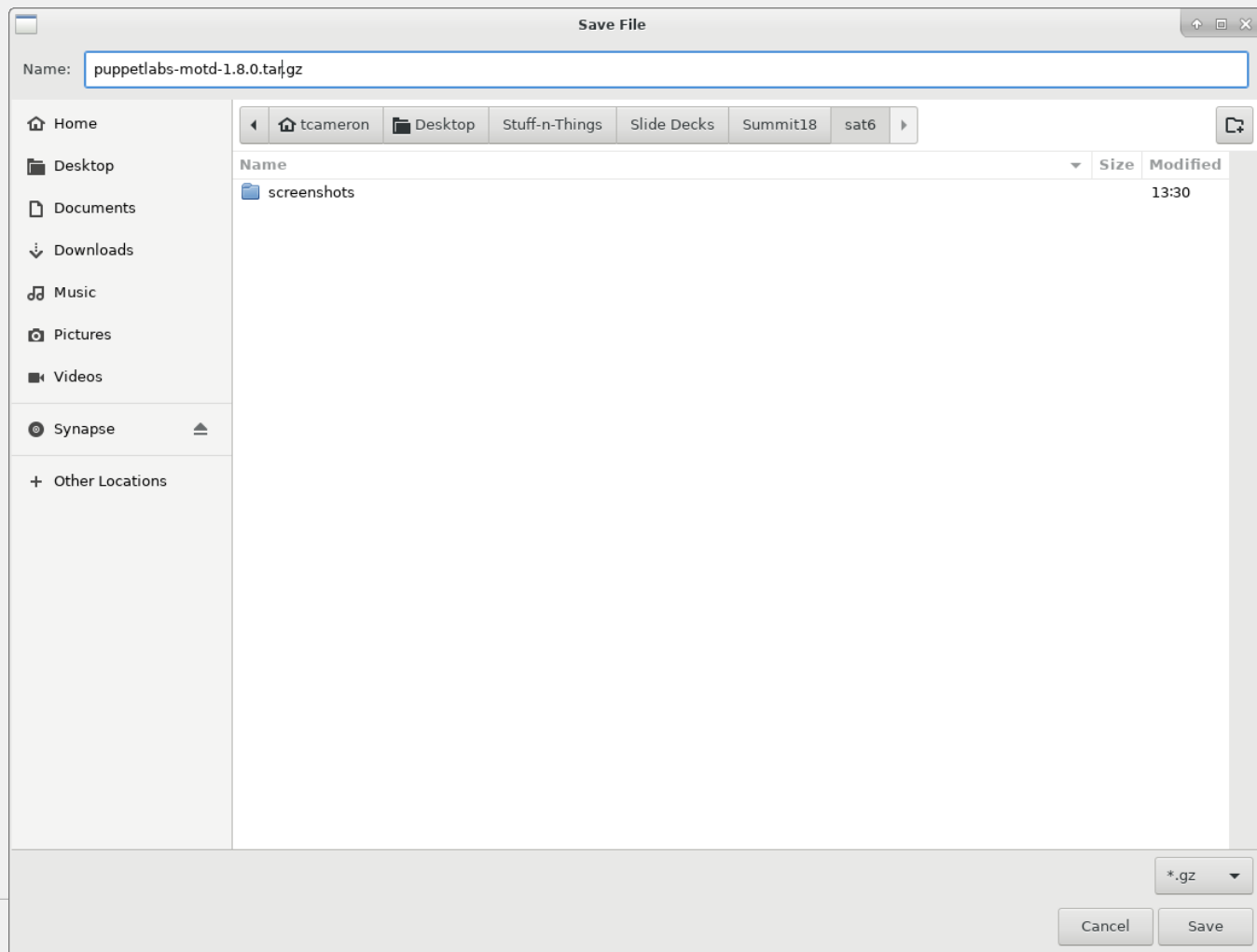
Version 1.8.0 released Feb 20th 2018

Select another release: 1.8.0 [Download](#)

[README](#) [Changelog](#) [Dependencies](#) [Compatibility](#) [License](#) [Scores](#)

motd

what.



PRODUCTS

Adding Puppet module(s)

Note that you need additional Puppet modules for the MOTD module to work!

puppetlabs/motd - Puppet Forge - Google Chrome

Secure | <https://forge.puppet.com/puppetlabs/motd/dependencies>

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• [RedHat](#), [Windows](#), [Ubuntu](#), [Debian](#), [Scientific](#), [CentOS](#), [OracleLinux](#)

Tags: [testing](#)

To use this module, add this declaration to your Puppetfile:

```
mod 'puppetlabs-motd', '1.8.0'
```

[Learn more about managing modules with a Puppetfile](#) [download latest tar.gz](#)

To manually install this module with puppet module tool:

```
puppet module install puppetlabs-motd --version 1.8.0
```

2,401,853 Latest version: 9,347

How helpful are the docs? ☐ not at all ☐ helpful

How easy to use? ☐ hard ☐ easy

Does what it promises? ☒ Y ☐ N

Works without changes? ☒ Y ☐ N

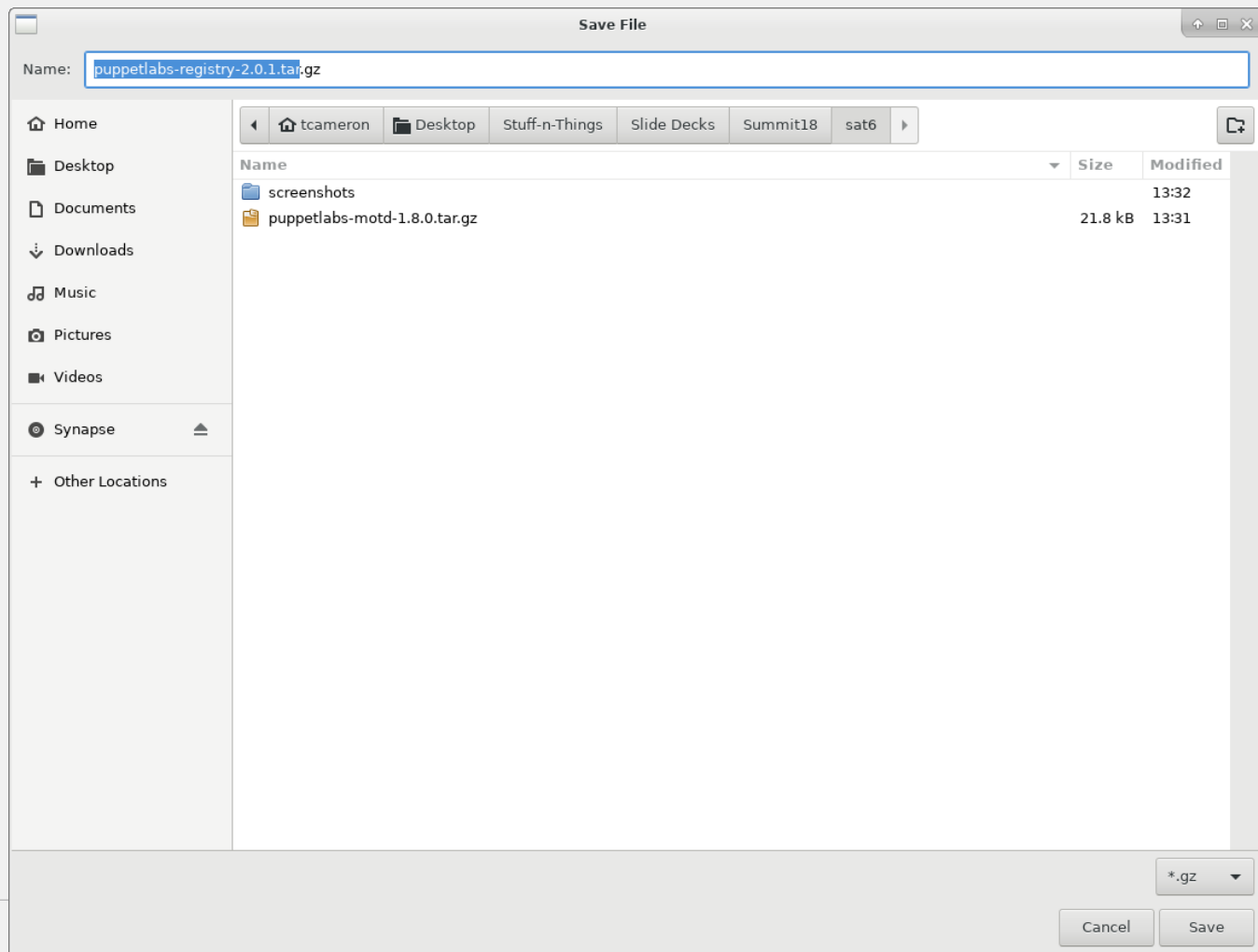
Used in production? ☒ Y ☐ N

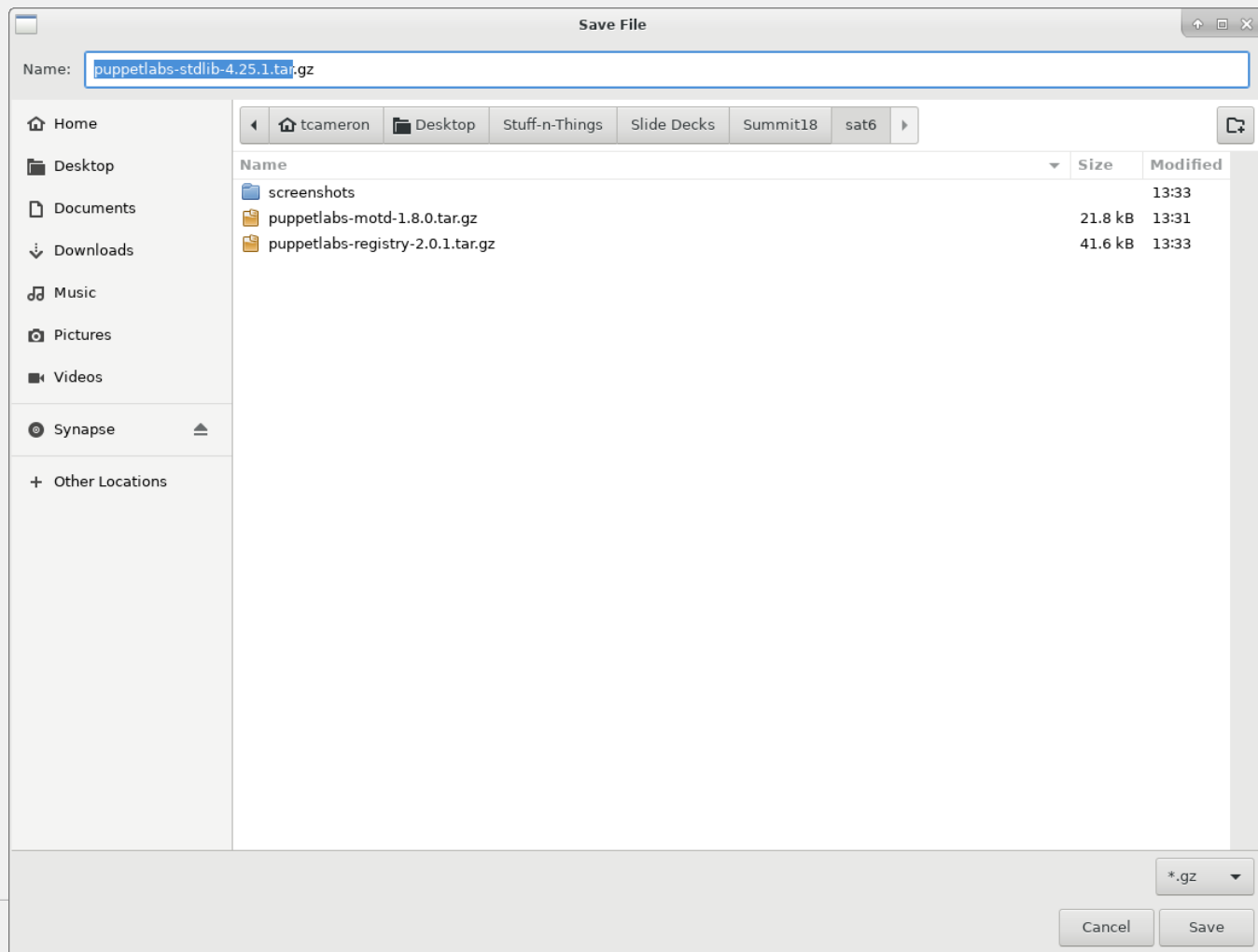
Version **1.8.0** released **Feb 20th 2018**

Select another release: [1.8.0](#) [Download](#)

[README](#) [Changelog](#) [Dependencies](#) [Compatibility](#) [License](#) [Scores](#)

- [puppetlabs/registry](#) ($\geq 1.0.0 < 2.0.0$)
- [puppetlabs/stdlib](#) ($\geq 2.1.0 < 5.0.0$)





sat6 - File Manager

File Edit View Go Help

← → ↶ ↷

/home/tcameron/Desktop/Stuff-n-Things/Slide Decks/Summit18/sat6/

🔍

DEVICES

🖥️ File System

🌐 Synapse

💾 250 GB Volume

PLACES

🏠 tcameron

🖥️ Desktop

🗑️ Trash

NETWORK

🌐 Browse Network

Name

▼

Size

Type

Date Modified

📁 screenshots

4.1 kB

folder

Today

📄 manifest_sat6.ttc.redhat.com_20180427T120954Z.zip

594.6 kB

Zip archive

Today

📄 puppetlabs-motd-1.8.0.tar.gz

21.8 kB

Tar archive (gzip-compressed)

Today

📄 puppetlabs-registry-2.0.1.tar.gz

41.6 kB

Tar archive (gzip-compressed)

Today

📄 puppetlabs-stdlib-4.25.1.tar.gz


218.3 kB

Tar archive (gzip-compressed)

Today

5 items (876.3 kB), Free space: 743.7 GB

#redhat #rhsummit



PRODUCTS

Adding Puppet module(s)

Add the Puppet product to your Satellite server

Create Product

[Products](#) > New Product

Name

Puppet MOTD Product

Label

Puppet_MOTD_Product

GPG Key

Sync Plan

[Create Sync Plan](#)

Description

Puppet MOTD Product

Save

Cancel

PRODUCTS

Adding Puppet module(s)

Create a repository for the Puppet modules

Puppet MOTD Product

Select Action

Products > Puppet MOTD Product > Repositories

Details Repositories Tasks

Filter... Search

New Repository Sync Now Remove Repositories

0 of 0 Selected

<input type="checkbox"/>	Name	Type	Sync Status	Content
You currently don't have any Repositories included in this Product, you can add Repositories using the button on the right.				

Puppet MOTD Product

Select Action

Products > Puppet MOTD Product > Repositories > New Repository

Details Repositories Tasks

New Repository

Basic Information

Name
Puppet MOTD Repository

Label
Puppet_MOTD_Repository

Type
docker
file
puppet
yum
ostree

Puppet MOTD Product

Select Action

Products > Puppet MOTD Product > Repositories > New Repository

Details Repositories Tasks

New Repository

Basic Information

Name
Puppet MOTD Repository

Label
Puppet_MOTD_Repository

Type
puppet

Sync Settings

Upstream URL

☒ Verify SSL
Selecting this option will result in Katello verifying that the upstream url's SSL certificates are signed by a trusted CA. Unselect if you do not want this verification.

Upstream Username

Username of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Upstream Password

Password of the upstream repository user for authentication. Leave empty if repository does not require authentication.

☐ Ignore Global Http Proxy
Selecting this option will result in the globally configured http proxy from not being used.

Published Repository Information

☒ Publish via HTTP

Puppet MOTD Product

Select Action

Products » Puppet MOTD Product » Repositories » New Repository

Details Repositories Tasks

New Repository

Basic Information

Name
Puppet MOTD Repository

Label
Puppet_MOTD_Repository

Type
puppet

Sync Settings

Upstream URL

☒ Verify SSL

Selecting this option will result in Katello verifying that the upstream url's SSL certificates are signed by a trusted CA. Unselect if you do not want this verification.

Upstream Username

Username of the upstream repository user for authentication. Leave empty if repository does not require authentication.

Upstream Password

Password of the upstream repository user for authentication. Leave empty if repository does not require authentication.

☐ Ignore Global Http Proxy

Selecting this option will result in the globally configured http proxy from not being used.

Published Repository Information

☒ Publish via HTTP

Save Cancel

Puppet MOTD Product

Select Action

Products > Puppet MOTD Product > Repositories

Details Repositories Tasks

Filter... Search

New Repository Sync Now Remove Repositories

0 of 1 Selected

<input type="checkbox"/>	Name	Type	Sync Status	Content
<input type="checkbox"/>	Puppet MOTD Repository	puppet	N/A	0 Puppet Modules

20 per page

Showing 1 - 1 of 1 1 of 1

PRODUCTS

Adding Puppet module(s)

Add the modules to your repository

Puppet MOTD Repository

Products > Puppet MOTD Product > Repositories > Puppet MOTD Repository

Basic Information

Name:	Puppet MOTD Repository	
Label:	Puppet_MOTD_Repository	
Backend Identifier:	56cc8cab-5b7f-4c9d-89e1-bfcea62b4705	
Type:	puppet	

Sync Settings

Upstream URL:		
Verify SSL:	Yes	
Upstream Username:		
Upstream Password:		
Ignore Global HTTP Proxy:	No	
Publish via HTTPS:	Yes	
Publish via HTTP:	Yes	
Published At:	http://sat6.tc.redhat.com/pulp/puppet/56cc8cab-5b7f-4c9d-89e1-bfcea62b4705/	

Sync Status

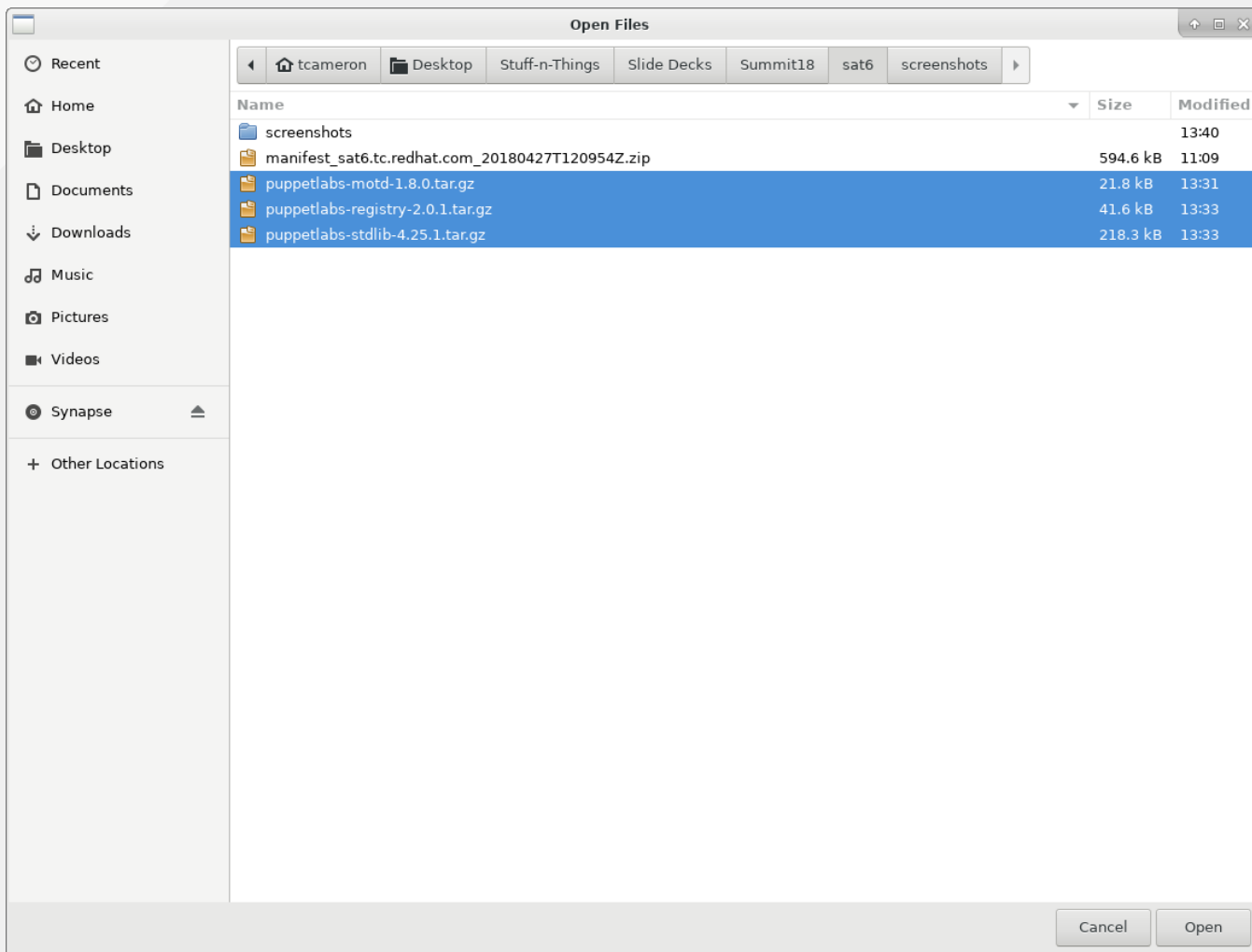
Sync Interval:	Synced manually, no interval set.
Last Sync:	Not Synced
Next Sync:	Synced manually, no interval set.
Sync State:	No sync information available.

Content Counts

Content Type	
Puppet Modules	0

Upload Puppet Module

No file chosen



Puppet MOTD Repository

Select Action v

Products > Puppet MOTD Product > Repositories > Puppet MOTD Repository

Basic Information

Name: Puppet MOTD Repository

Label: Puppet_MOTD_Repository

Backend Identifier: 56cc8cab-5b7f-4c9d-89e1-bfcea62b4705

Type: puppet

Sync Settings

Upstream URL: Yes

Verify SSL: Yes

Upstream Username: Yes

Upstream Password: Yes x

Ignore Global HTTP Proxy: No

Publish via HTTPS: Yes

Publish via HTTP: Yes

Published At: http://sat6.tc.redhat.com/pulp/puppet/56cc8cab-5b7f-4c9d-89e1-bfcea62b4705/

Sync Status

Sync Interval: Synced manually, no interval set.

Last Sync: Not Synced

Next Sync: Synced manually, no interval set.

Sync State: No sync information available.

Content Counts

Content Type	
Puppet Modules	0

Upload Puppet Module

Choose Files 3 files

Upload

Products

Filter... Search

Create Product Repo Discovery Select Action

0 of 2 Selected

<input type="checkbox"/>	Name	Description	Sync Status	Sync Plan	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Never synced	None	1
<input type="checkbox"/>	Puppet MOTD Product	Puppet MOTD Product	Never synced	None	1

20 per page

Showing 1 - 2 of 2 << < 1 of 1 > >>

REPOSITORIES

REPOSITORIES

What is a repository?

Repositories are groupings of packages which make up part of a product. For instance, the base OS (RHEL 6, RHEL 7) is actually made up of multiple repositories per architecture (x86, x86_64) – one for 6.0, one for 6.1, one for 7.0, one for 7.1, and so on. There are also repositories for Supplementary, Optional, Extras, clustering, OpenStack, etc. This is where you can choose which of the Red Hat repositories you want synchronized with your Satellite server. You may have standardized on RHEL 6.4 or later, so there's no need to synchronize 6.0, 6.1, etc. If you're not using OpenStack yet, don't bother syncing it.

There are two types of repositories we generally care about.

- The Product repositories contain every single RPM which has ever been released for a distribution. So if a mythical package “foo” has had three releases (foo-1.0.1, foo-1.0.2, and foo-10.0.3) between 7.2 and 7.3, for instance, all three of those packages will be available in the Product repositories.
- The kickstart repositories contain only those packages which appear on the distribution DVD iso images. They are only used for installing the operating system on Satellite-managed systems.

REPOSITORIES

Adding repositories to sync

Choose Content and the Red Hat Repositories. For this demo, I'll set up a fairly simple environment.

- Red Hat Enterprise Linux 7
 - Core Linux Distribution
- Extras for Red Hat Enterprise linux 7
 - Contains rapidly evolving technologies that may eventually make it into the base repository. Some example packages are atomic, buildah, docker and runc
- Optional for Red Hat Enterprise linux 7
 - Open source software that either compliments software out of the base repository, or software that users would like but Red Hat generally does not want to support.
- Supplementary for Red Hat Enterprise Linux 7
 - Proprietary licensed software some customers want. Currently, this repository only contains IBM Java, VirtIO para-virtualized drivers for Windows and some fonts.
- Red Hat Satellite 6.3 Tools for Red Hat Enterprise Linux 7
- Red Hat Satellite 6.3 Tools - Puppet 4 for Red Hat Enterprise Linux 7

Note that RH-Common should not be used with newer Satellite servers!

REPOSITORIES

Adding repositories to sync

Notes:

- Red Hat Satellite 6.3 Tools - Puppet 4 for Red Hat Enterprise Linux 7 is only for environments where you've upgraded to Puppet 4. I'm syncing it for a future upgrade, out of scope for today's presentation.
- See <https://access.redhat.com/articles/3358711> and https://access.redhat.com/documentation/en-us/red_hat_satellite/6.3/html/upgrading_and_updating_red_hat_satellite/upgrading_puppet-1 for details.



2



2



Satellite 6.3 Feature Overview: Puppet 4 Support

Updated March 23 2018 at 11:14 AM - [English](#)

Satellite 6.3 includes support for Puppet 4. Note that the Puppet 3 is the default option when installing Satellite 6.3. Puppet has been a central feature of Satellite for many years, and upgrading the supported Puppet to version 4 helps to keep embedded Puppet relevant for customers using Puppet Open Source.

Puppet 4 brings many innovations to the Puppet Open Source environment, including but not limited to:

- Puppet Server and static catalogs. The Clojure-based Puppet Server replaces the Apache+Passenger parts of the network stack. With it, one master serves more agents, faster.
- Static catalogs optimize the most computationally expensive part of Puppet by reducing both the number of catalogs compiled and file checksum requests as the agents are applying their catalogs.
- A completely rewritten parser, new constructs like iterators and lambdas, and an opt-in data type system all make for modules that do more with less work.
- Improved error messages.
- Structured facts allow you to access inventory data such as network interfaces more intuitively.
- Resources apply in top-down order
- All-in-one (AIO) package that includes Puppet 4, both Facter 2.4 and CFacter 0.4, the latest Hieracore and MCollective, Ruby 2.1.5, OpenSSL 1.0.0 and gem dependencies.
- Puppet Collections, a new way of delivering our open source software. A Puppet Collection is a package repository that ensures open source packages that are in a particular collection work together.

The entirety of differences between Puppet 3.8 and Puppet 4 is summarized at https://docs.puppet.com/puppet/4.0/release_notes.html

Support Status

Red Hat Satellite 6.3 supports Puppet 4 when the Satellite server is fully updated to the latest release of RHEL 7.

There are a few other items to consider when using Satellite with Puppet:

Upgrading and Updating Red Hat Satellite

1. Upgrade Overview

- 1.1. Prerequisites
- 1.2. Upgrade Paths
- 1.3. Following the Progress of the Upgrade

2. Upgrading Red Hat Satellite

- 2.1. Migrating Self-Registered Satellites
- 2.2. Migrating from Red Hat Enterprise Linux 6 to Red Hat Enterprise Linux 7
 - 2.2.1. Exclusions
 - 2.2.2. Before You Begin
- 2.2.3. Satellite Server Migration Overview
- 2.2.4. Migrating a Satellite Server

CHAPTER 3. UPGRADING PUPPET

Red Hat Satellite 6.3 uses Puppet 3 by default, but you can also upgrade to Puppet 4. Satellite 6.4 will support only Puppet 5. The migration path for Puppet 5 supports only Puppet 4 to Puppet 5 migrations. Therefore if you are using a version of Puppet prior to version 4, you must upgrade to Puppet 4 prior to upgrading to Satellite 6.4. Satellite 6.3 includes an upgrade path to Puppet 4, and Red Hat recommends you do it now to prepare for your next upgrade. This chapter describes the process of upgrading to Puppet 4.

3.1. Upgrade Path

You must first review your Puppet modules, and make changes, to ensure they are compatible with Puppet 4 before upgrading Puppet. For example, if the client has blank configuration values after running the Puppet agent, updating Puppet modules is indicated.

Red Hat Satellite and Capsules do not have to be upgraded to Puppet 4 at the same time. You have the flexibility to upgrade Capsules depending on your progress with testing and upgrading Puppet modules. An alternative is to install new Capsules and move hosts to them after testing. You can use Satellite web UI, the Hammer CLI, or the `bootstrap` script to move hosts from a Puppet 3 Capsule to a Puppet 4 Capsule.

REPOSITORIES

Adding repositories to sync

Notes:

- RH-Common should not be used with newer Satellite servers!



16



8



Satellite 6.1 and newer now requires the use of the Satellite Tools repositories which replaces the use of Red Hat Common for client libraries

✓ SOLUTION VERIFIED - Updated April 3 2018 at 10:39 AM - [English](#)

Environment

Red Hat Satellite 6.1 and newer

Incompatible versions:

katello-agent-1.5.*
gofer-1.3.*

Required versions:

katello-agent-2.2.3+
gofer-2.6.1+

Issue

Users utilizing Red Hat Satellite 6.1 should no longer be using the 'Red Hat Common' repositories for client libraries including Puppet, katello-agent and others.

Satellite 6.1 and newer is not compatible with the versions of katello-agent contained within the Red Hat Common repositories and users will see errors attempting to use the agent from Red Hat Common (rh-common) repositories.

Resolution

Users need to use the new Satellite Tools repositories. It may be required to update/refresh your manifest before these new repositories appear. Instructions for refreshing your manifest can be found below in the FAQ section. Next, find and enable these repositories under the "[RPMs]" tab on the Red Hat Repositories page.



Products

Products - Google Chrome

Products

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Apps 27 Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

RED HAT SATELLITE

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Activation Keys

Red Hat Repositories

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GPG Keys

Sync Status

Sync Plans

Content Views

Errata

Packages

Puppet Modules

Docker Tags

Files

OSTree Branches

Search

Create Product Repo Discovery Select Action

0 of 2 Selected

	Name	Description	Sync Status	Sync Plan	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Never synced	None	1
<input type="checkbox"/>	Puppet MOTD Product	Puppet MOTD Product	Never synced	None	1

Showing 1 - 2 of 2 << < 1 of 1 > >>

Expand each Red Hat Product below to examine the different repository sets available. When enabling a repository set, the different repositories within are discovered and may be enabled individually.

Enable Red Hat Repositories

RPMs Kickstarts Source RPMs Debug RPMs Beta ISOs OSTree Other

PRODUCT

- JBoss Enterprise Application Platform
 - JBoss Enterprise Application Platform - ELS
 - JBoss Enterprise Web Platform
 - JBoss Enterprise Web Server
- Kernel Derivative Works for BluegeneQ
- Kernel Derivative Works for HPC for Power Systems
- MRG Grid
 - MRG Grid Execute
 - MRG Management
 - MRG Realtime
- OLD Red Hat Enterprise Linux Server for ARM Development Preview
- Oracle Java for RHEL Client
- Oracle Java for RHEL Compute Node
- Oracle Java for RHEL Compute Node - Extended Update Support
- Oracle Java for RHEL Server
- Oracle Java for RHEL Server - AUS
- Oracle Java for RHEL Server - Extended Update Support
- Oracle Java for RHEL Workstation
- Red Hat 3scale API Management Platform
- Red Hat Ceph Storage
 - Red Hat Ceph Storage Calamari
 - Red Hat Ceph Storage MON
 - Red Hat Ceph Storage OSD
 - Red Hat CloudForms
 - Red Hat Container Development Kit

Repositories x

Not secure | https://sat6.tc.redhat.com/katello/providers/redhat_provider

Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

- Red Hat Enterprise Linux Load Balancer for RHEL Server - Extended Update Support
- Red Hat Enterprise Linux Resilient Storage for IBM Power LE
- Red Hat Enterprise Linux Resilient Storage for IBM Power LE - Extended Update Support
- Red Hat Enterprise Linux Resilient Storage for IBM z Systems
- Red Hat Enterprise Linux Resilient Storage for RHEL Server
- Red Hat Enterprise Linux Resilient Storage for RHEL Server - AUS
- Red Hat Enterprise Linux Resilient Storage for RHEL Server - Extended Update Support
- Red Hat Enterprise Linux Scalable File System for RHEL Compute Node
- Red Hat Enterprise Linux Scalable File System for RHEL Server
- Red Hat Enterprise Linux Scalable File System for RHEL Server - AUS
- Red Hat Enterprise Linux Scalable File System for RHEL Server - Extended Update Support
- Red Hat Enterprise Linux Scalable File System for RHEL Workstation
- Red Hat Enterprise Linux Server**
 - REPOSITORY SET
 - RHN Tools for Red Hat Enterprise Linux 5 Server (RPMs)
 - RHN Tools for Red Hat Enterprise Linux 6 Server (RPMs)
 - RHN Tools for Red Hat Enterprise Linux 7 Server (RPMs)
 - Red Hat Ceph Storage Tools 1.3 for Red Hat Enterprise Linux 7 Server (RPMs)
 - Red Hat Ceph Storage Tools 2 for Red Hat Enterprise Linux 7 Server (RPMs)
 - Red Hat CloudForms Tools for RHEL 5 (RPMs)
 - Red Hat CloudForms Tools for RHEL 6 (RPMs)
 - Red Hat Enterprise Linux 3 AS (RPMs)
 - Red Hat Enterprise Linux 3 AS - Extras (RPMs)
 - Red Hat Enterprise Linux 3 AS Developer Suite (RPMs)
 - Red Hat Enterprise Linux 3 AS for Itanium (RPMs)
 - Red Hat Enterprise Linux 3 AS for Itanium - Extras (RPMs)
 - Red Hat Enterprise Linux 3 AS for Itanium Developer Suite (RPMs)
 - Red Hat Enterprise Linux 3 ES (RPMs)
 - Red Hat Enterprise Linux 3 ES - Extras (RPMs)
 - Red Hat Enterprise Linux 3 ES Developer Suite (RPMs)
 - Red Hat Enterprise Linux 3 ES for Itanium (RPMs)
 - Red Hat Enterprise Linux 3 ES for Itanium - Extras (RPMs)
 - Red Hat Enterprise Linux 3 ES for Itanium Developer Suite (RPMs)

- ▶ Red Hat Enterprise Linux 4 ES (RPMs)
- ▶ Red Hat Enterprise Linux 4 ES - Extras (RPMs)
- ▶ Red Hat Enterprise Linux 4 ES for Itanium (RPMs)
- ▶ Red Hat Enterprise Linux 4 ES for Itanium - Extras (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server - Fastrack (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server - Optional Productivity Applications (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server - RH Common (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server - Supplementary (RPMs)
- ▶ Red Hat Enterprise Linux 5 Server - Virtualization (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - Extras (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - Fastrack (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - Optional (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - Optional Fastrack (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - RH Common (RPMs)
- ▶ Red Hat Enterprise Linux 6 Server - Supplementary (RPMs)

▼ Red Hat Enterprise Linux 7 Server (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs multiarch 7Server
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server

- ▶ Red Hat Enterprise Linux 7 Server - Extras (RPMs)
- ▶ Red Hat Enterprise Linux 7 Server - Fastrack (RPMs)
- ▶ Red Hat Enterprise Linux 7 Server - Optional (RPMs)
- ▶ Red Hat Enterprise Linux 7 Server - Optional Fastrack (RPMs)
- ▶ Red Hat Enterprise Linux 7 Server - RH Common (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs multiarch 7Server
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server

Red Hat Enterprise Linux 7 Server - Extras (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras RPMs multiarch
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64

Red Hat Enterprise Linux 7 Server - Fastrack (RPMs)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs multiarch 7Server
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server

Red Hat Enterprise Linux 7 Server - Optional Fastrack (RPMs)

Red Hat Enterprise Linux 7 Server - RH Common (RPMs)

Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)

Red Hat Enterprise Virtualization Agents for RHEL 5 Server (RPMs)

Red Hat Enterprise Virtualization Agents for RHEL 6 Server (RPMs)

Red Hat Enterprise Linux 7 Server - Fastrack (RPMs)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs multiarch 7Server
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server

Red Hat Enterprise Linux 7 Server - Optional Fastrack (RPMs)

Red Hat Enterprise Linux 7 Server - RH Common (RPMs)

Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs multiarch 7Server
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server

Red Hat Enterprise Virtualization Agents for RHEL 5 Server (RPMs)

Red Hat Enterprise Virtualization Agents for RHEL 6 Server (RPMs)

Red Hat Insights 3 (for RHEL 6 Server) (RPMs)

Red Hat Insights 3 (for RHEL 7 Server) (RPMs)

Red Hat OpenStack Platform 10 Tools for RHEL 7 Server (RPMs)

Repositories - Google Chrome

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Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

- Red Hat Enterprise Virtualization Agents for RHEL 6 Server (RPMs)
- Red Hat Insights 3 (for RHEL 6 Server) (RPMs)
- Red Hat Insights 3 (for RHEL 7 Server) (RPMs)
- Red Hat OpenStack Platform 10 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 11 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 12 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 8 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 9 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Tools 7.0 for Red Hat Enterprise Linux 7 Server (RPMs)
- Red Hat Satellite Maintenance 6 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 5 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 5 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.3 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.3 (for RHEL 7 Server) (RPMs)
 - ENABLED? REPOSITORY
 - ☐ Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs multarch
 - ☒ Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64
- Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 7 Server) (RPMs)
- Red Hat Storage Native Client for RHEL 5 (RPMs)
- Red Hat Storage Native Client for RHEL 6 (RPMs)
- Red Hat Storage Native Client for RHEL 7 (RPMs)
- Red Hat Subscription Asset Manager (for RHEL 6 Server) (RPMs)
- Red Hat Virt V2V Tool for RHEL 6 (RPMs)
- Red Hat Virt V2V Tool for RHEL 7 (RPMs)
- Red Hat Virtualization 4 Agents for RHEL 5 Server (RPMs)
- Red Hat Virtualization 4 Agents for RHEL 6 Server (RPMs)
- redhat-ent-linux-*i386-es-2.1*(RPMs)
- redhat-linux-as-2.1-IPF(RPMs)

Red Hat Enterprise Linux Server - AUS

Repositories - Google Chrome

Not secure | https://sat6.tc.redhat.com/katello/providers/redhat_provider

Apps 27 Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

- Red Hat Enterprise Virtualization Agents for RHEL 6 Server (RPMs)
- Red Hat Insights 3 (for RHEL 6 Server) (RPMs)
- Red Hat Insights 3 (for RHEL 7 Server) (RPMs)
- Red Hat OpenStack Platform 10 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 11 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 12 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 8 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Platform 9 Tools for RHEL 7 Server (RPMs)
- Red Hat OpenStack Tools 7.0 for Red Hat Enterprise Linux 7 Server (RPMs)
- Red Hat Satellite Maintenance 6 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 5 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.1 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 5 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.2 (for RHEL 7 Server) (RPMs)
- Red Hat Satellite Tools 6.3 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.3 (for RHEL 7 Server) (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs multiarch
<input checked="" type="checkbox"/>	Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64
- Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 6 Server) (RPMs)
- Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 7 Server) (RPMs)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs multiarch
<input checked="" type="checkbox"/>	Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64
- Red Hat Storage Native Client for RHEL 5 (RPMs)
- Red Hat Storage Native Client for RHEL 6 (RPMs)
- Red Hat Storage Native Client for RHEL 7 (RPMs)
- Red Hat Subscription Asset Manager (for RHEL 6 Server) (RPMs)
- Red Hat Virt V2V Tool for RHEL 6 (RPMs)
- Red Hat Virt V2V Tool for RHEL 7 (RPMs)
- Red Hat Virtualization 4 Agents for RHEL 5 Server (RPMs)
- Red Hat Virtualization 4 Agents for RHEL 6 Server (RPMs)

Red Hat

REPOSITORIES

Adding repositories to sync

Also sync the kickstart trees for your environment. Since I will only be installing RHEL 7.4 or newer, I just sync those trees.

Expand each Red Hat Product below to examine the different repository sets available. When enabling a repository set, the different repositories within are discovered and may be enabled individually.

Enable Red Hat Repositories

RPMs **Kickstarts** Source RPMs Debug RPMs Beta ISOs OSTree Other

PRODUCT

- ▶ Red Hat Enterprise Linux 7 Desktop High Touch Beta
- ▶ Red Hat Enterprise Linux 7 for HPC Compute Node High Touch Beta
- ▶ Red Hat Enterprise Linux 7 for IBM POWER High Touch Beta
- ▶ Red Hat Enterprise Linux 7 for IBM z Systems High Touch Beta
- ▶ Red Hat Enterprise Linux 7 Server High Touch Beta
- ▶ Red Hat Enterprise Linux 7 Workstation High Touch Beta
- ▶ Red Hat Enterprise Linux Atomic Host
- ▶ Red Hat Enterprise Linux Desktop
- ▶ Red Hat Enterprise Linux for ARM 64
- ▶ Red Hat Enterprise Linux for IBM System z Structure A
- ▶ Red Hat Enterprise Linux for IBM z Systems
- ▶ Red Hat Enterprise Linux for Power 9
- ▶ Red Hat Enterprise Linux for Power big endian
- ▶ Red Hat Enterprise Linux for Power little endian
- ▶ Red Hat Enterprise Linux for Scientific Computing
- ▶ Red Hat Enterprise Linux Server
- ▶ Red Hat Enterprise Linux Server for ARM
- ▶ Red Hat Enterprise Linux Workstation

Repositories - Google Chrome

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Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

- ▶ Red Hat Enterprise Linux 7 for IBM z Systems High Touch Beta
- ▶ Red Hat Enterprise Linux 7 Server High Touch Beta
- ▶ Red Hat Enterprise Linux 7 Workstation High Touch Beta
- ▶ Red Hat Enterprise Linux Atomic Host
- ▶ Red Hat Enterprise Linux Desktop
- ▶ Red Hat Enterprise Linux for ARM 64
- ▶ Red Hat Enterprise Linux for IBM System z Structure A
- ▶ Red Hat Enterprise Linux for IBM z Systems
- ▶ Red Hat Enterprise Linux for Power 9
- ▶ Red Hat Enterprise Linux for Power big endian
- ▶ Red Hat Enterprise Linux for Power little endian
- ▶ Red Hat Enterprise Linux for Scientific Computing
- ▼ Red Hat Enterprise Linux Server
 - REPOSITORY SET
 - ▶ Red Hat Enterprise Linux 5 Server (Kickstart)
 - ▶ Red Hat Enterprise Linux 6 Server (Kickstart)
 - ▼ Red Hat Enterprise Linux 7 Server (Kickstart)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5
 - ▶ Red Hat Enterprise Linux Server for ARM
 - ▶ Red Hat Enterprise Linux Workstation

SYNC CONTENT

SYNC CONTENT

Manual Process

Also sync the kickstart trees for your environment. Since I will only be installing RHEL 7.4 or newer, I just sync those trees.

Choose Content, then Sync Status

- ▶ Red Hat Enterprise Linux 7 for IBM Lifecycle Environments
- ▶ Red Hat Enterprise Linux 7 Server Red Hat Subscriptions
- ▶ Red Hat Enterprise Linux 7 Workst Activation Keys
- ▶ Red Hat Enterprise Linux Atomic H Red Hat Repositories
- ▶ Red Hat Enterprise Linux Desktop Products
- ▶ Red Hat Enterprise Linux for ARM GPG Keys
- ▶ Red Hat Enterprise Linux for IBM S Sync Status
- ▶ Red Hat Enterprise Linux for IBM 2 Sync Plans
- ▶ Red Hat Enterprise Linux for Powe Content Views
- ▶ Red Hat Enterprise Linux for Powe Errata
- ▶ Red Hat Enterprise Linux for Powe Packages
- ▶ Red Hat Enterprise Linux for Scien Puppet Modules
- ▶ Red Hat Enterprise Linux Server Docker Tags
- ▼ Red Hat Enterprise Linux Server
 - REPOSITORY SET
 - ▶ Red Hat Enterprise Linux 5 S OSTree Branches
 - ▶ Red Hat Enterprise Linux 6 Server (Kickstart)
 - ▼ Red Hat Enterprise Linux 7 Server (Kickstart)

ENABLED?	REPOSITORY
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.0
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.1
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.2
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.3
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart multiarch 7.5
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5

- ▶ Red Hat Enterprise Linux Server for ARM
- ▶ Red Hat Enterprise Linux Workstation

Sync Status

Collapse All Expand All Select None Select All ☐ Active only

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced
▼ 7.5				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced
▼ 7Server				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server				Never Synced
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64				Never Synced
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64				Never Synced
▼ Extra Packages for Enterprise Linux 7				
<input type="checkbox"/> EPEL7				Never Synced

SYNC CONTENT

Manual Process

Hint: If you sync 7Server, it gets **everything** from GA through today. Then you can go back and sync 7.4 and 7.5 and it will be a lot faster.

- 7Server has everything
- 7.0 has everything from GA up to, but not including, 7.1
- 7.1 has everything from GA up to, but not including, 7.2
- etc...

Sync Status

					Collapse All	Expand All	Select None	Select All	<input type="checkbox"/> Active only
PRODUCT	START TIME	DURATION	DETAILS	RESULT					
▼ Red Hat Enterprise Linux Server									
▼ 7.4									
▼ x86_64									
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced					
▼ 7.5									
▼ x86_64									
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced					
▼ 7Server									
▼ x86_64									
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server				Never Synced					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server				Never Synced					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server				Never Synced					
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64				Never Synced					
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64				Never Synced					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64				Never Synced					
▼ Extra Packages for Enterprise Linux 7									
<input checked="" type="checkbox"/> EPEL7				Never Synced					

Synchronize Now

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced
▼ 7.5				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced
▼ 7Server				
▼ x86_64				
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	less than a minute ago		Processing metadata	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	less than a minute ago		New packages: 122/255 (2.49 GB/6.44 GB).	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	less than a minute ago		Processing metadata	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	less than a minute ago		New packages: 1 (25.9 MB).	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	less than a minute ago		New packages: 69 (7.25 MB).	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	less than a minute ago		New packages: 185/814 (512 MB/2.1 GB).	<div></div> Cancel
▼ Extra Packages for Enterprise Linux 7				
<input checked="" type="checkbox"/> EPEL7	less than a minute ago		Processing metadata	<div></div> Cancel

Synchronize Now

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help

[root@sat6 ~]# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.31.100.56 netmask 255.255.255.0 broadcast 172.31.100.255
    inet6 fe80::5054:ff:fe3e:240a prefixlen 64 scopeid 0x20<link>
    ether 52:54:00:3e:24:0a txqueuelen 1000 (Ethernet)
    RX packets 907220 bytes 304482354 (290.3 MiB)
    RX errors 0 dropped 5 overruns 0 frame 0
    TX packets 244527 bytes 60420432 (57.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 34353881 bytes 10366858164 (9.6 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 34353881 bytes 10366858164 (9.6 GiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[root@sat6 ~]#
```

SYNC CONTENT

Manual Process

It will take a while the first time. Subsequent syncs will be much faster.

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				<div></div>
▼ 7.4				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced
▼ 7.5				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced
▼ 7Server				
▼ x86_64				
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	5 minutes ago		New packages: 2647/14943 (5.01 GB/26.8 GB).	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	1 minute ago	1 minute	New packages: 255 (6.44 GB).	Syncing Complete.
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	5 minutes ago		Processing metadata.	<div></div> Cancel
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	1 minute ago	less than a minute	New packages: 1 (25.9 MB).	Syncing Complete.
<input checked="" type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	1 minute ago	1 minute	New packages: 69 (7.25 MB).	Syncing Complete.
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	3 minutes ago	3 minutes	New packages: 814 (2.1 GB).	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7				<div></div>
<input checked="" type="checkbox"/> EPEL7	5 minutes ago		New packages: 1803/12515 (2.39 GB/13.3 GB).	<div></div> Cancel

[Synchronize Now](#)

[Collapse All](#) [Expand All](#) [Select None](#) [Select All](#) ☐ Active only

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced
▼ 7.5				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced
▼ 7Server				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 14943 (26.8 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	32 minutes ago	1 minute	New packages: 255 (6.44 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 20053 (27 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	32 minutes ago	less than a minute	New packages: 1 (25.9 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	32 minutes ago	1 minute	New packages: 69 (7.25 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	32 minutes ago	3 minutes	New packages: 814 (2.1 GB).	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7				
<input type="checkbox"/> EPEL7	about 1 hour ago	about 1 hour	New packages: 12515 (13.3 GB).	Syncing Complete.

Synchronize Now

SYNC CONTENT

Manual Process

Now sync the rest of the content. It should go faster.

Collapse All Expand All Select None Select All Active only				
PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				Never Synced
▼ 7.5				
▼ x86_64				
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				Never Synced
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				Never Synced
▼ 7Server				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 14943 (26.8 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	32 minutes ago	1 minute	New packages: 255 (6.44 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 20053 (27 GB).	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	32 minutes ago	less than a minute	New packages: 1 (25.9 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	32 minutes ago	1 minute	New packages: 69 (7.25 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	32 minutes ago	3 minutes	New packages: 814 (2.1 GB).	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7				
<input type="checkbox"/> EPEL7	about 1 hour ago	about 1 hour	New packages: 12515 (13.3 GB).	Syncing Complete.

Synchronize Now

					Collapse All	Expand All	Select None	Select All	<input type="checkbox"/> Active only
PRODUCT	START TIME	DURATION	DETAILS	RESULT					
▼ Red Hat Enterprise Linux Server									
▼ 7.4									
▼ x86_64									
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4	less than a minute ago		Pending	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
▼ 7.5									
▼ x86_64									
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	less than a minute ago		Pending	<input type="text"/> Cancel					
<input checked="" type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	less than a minute ago		Processing metadata	<input type="text"/> Cancel					
▼ 7Server									
▼ x86_64									
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 14943 (26.8 GB).	Syncing Complete.					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	32 minutes ago	1 minute	New packages: 255 (6.44 GB).	Syncing Complete.					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	about 1 hour ago	about 1 hour	New packages: 20053 (27 GB).	Syncing Complete.					
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	32 minutes ago	less than a minute	New packages: 1 (25.9 MB).	Syncing Complete.					
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	32 minutes ago	1 minute	New packages: 69 (7.25 MB).	Syncing Complete.					
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	32 minutes ago	3 minutes	New packages: 814 (2.1 GB).	Syncing Complete.					
▼ Extra Packages for Enterprise Linux 7									
<input type="checkbox"/> EPEL7	about 1 hour ago	about 1 hour	New packages: 12515 (13.3 GB).	Syncing Complete.					

SCHEDULE CONTENT SYNC

SCHEDULE CONTENT SYNC

Automatic Process

You can schedule content syncs through the web UI. No more cron job!

Choose Content/Sync Plans

Sync Status

- Lifecycle Environments
- Red Hat Subscriptions
- Activation Keys
- Red Hat Repositories
- Products
- GPG Keys
- Sync Status
- Sync Plans
- Content Views
- Errata
- Packages
- Puppet Modules
- Docker Tags
- Files
- OSTree Branches

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
Red Hat Enterprise Linux 7.4	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7.4	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7.4	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7.4	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
▼ 7.5				
▼ x86_64				
Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
7Server				
▼ x86_64				
Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	2 minutes ago	1 minute	No new packages.	Syncing Complete.
Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	2 minutes ago	less than a minute	No new packages.	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7				
EPEL7	2 minutes ago	less than a minute	No new packages.	Syncing Complete.

Sync Plans

Filter...

Search

Create Sync Plan

Name	Description	Original Sync Date	Sync Enabled	Interval	Next Sync
You currently don't have any Sync Plans. A Sync Plan can be created by using the button on the right.					

Create Sync Plan

[Sync Plans](#) > New Sync Plan

Name

Description

Interval

hourly

Start Date

2018-05-01

Start Time

HH MM

The time the sync should happen in your current time zone.

Save Cancel

Create Sync Plan

[Sync Plans](#) > New Sync Plan

Name

Description

Interval

daily

Start Date

2018-05-01

Start Time

02 : 00

The time the sync should happen in your current time zone.

Nightly Sync

Select Action

Sync Plans » Nightly Sync

Details Products

Basic Information

Name:	Nightly Sync	
Description:	Nightly sync of content from the CDN and EPEL	
Start Date:	2018/05/01 02:00:00 -0500	
Next Sync:	2018/05/02 02:00:00 -0500	
Sync Enabled:	Yes	
Interval:	daily	
Products:	0	

Nightly Sync

Select Action

[Sync Plans](#) » [Nightly Sync](#) » [List Products](#)

Details

Products

[List/Remove](#) Add

Filter... Search

Remove Selected

0 of 0 Selected

<input type="checkbox"/>	Name	Description	Sync Status	Repositories
No products have been added to this Sync Plan.				

Nightly Sync

Select Action

Sync Plans » Nightly Sync » Add Products

Details Products

List/Remove Add

Filter... Search

Add Selected

0 of 3 Selected

	Name	Description	Sync Status	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Last synced 9 minutes ago.	1
<input type="checkbox"/>	Puppet MOTD Product	Puppet MOTD Product	Never synced	1
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux Server		Last synced 9 minutes ago.	14

Nightly Sync

Select Action

Sync Plans » Nightly Sync » Add Products

Details Products

List/Remove Add

Filter... Search Add Selected

		2 of 3 Selected	
<input type="checkbox"/>	Name	Description	Sync Status
<input checked="" type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Last synced 9 minutes ago.
<input type="checkbox"/>	Puppet MOTD Product	Puppet MOTD Product	Never synced
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux Server		Last synced 9 minutes ago.
			Repositories
			1
			1
			14

20 per page Showing 1 - 3 of 3 1 of 1

Nightly Sync

Select Action

Sync Plans » Nightly Sync » Add Products

Details Products

Added 2 products to sync plan "Nightly Sync".

List/Remove Add

Filter... Search

Add Selected

Name		Description	Sync Status	Repositories
<input type="checkbox"/>	Puppet MOTD Product	Puppet MOTD Product	Never synced	1

20 per page

Showing 1 - 1 of 1 1 of 1

Nightly Sync

Select Action

Sync Plans » Nightly Sync » List Products

Details Products

List/Remove Add

Filter... Search Remove Selected

0 of 2 Selected

<input type="checkbox"/>	Name	Description	Sync Status	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Last synced 10 minutes ago.	1
<input type="checkbox"/>	Red Hat Enterprise Linux Server		Last synced 10 minutes ago.	14

20 per page Showing 1 - 2 of 2 1 of 1

Nightly Sync

Sync Plans » Nightly Sync » List Products

Details Products

List/Remove Add

Filter... Search

Remove Selected

0 of 2 Selected

	Name	Description	Sync Status	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	Last synced 10 minutes ago.	1
<input type="checkbox"/>	Red Hat Enterprise Linux Server		Last synced 10 minutes ago.	14

20 per page

Showing 1 - 2 of 2 1 of 1

Select Action

Run Sync Plan

Remove

Nightly Sync

Select Action

Sync Plans » Nightly Sync » List Products

A sync has been initiated in the background, [click for more details](#)

Details Products

List/Remove Add

Filter... Search Remove Selected

		0 of 2 Selected	
<input type="checkbox"/>	Name	Description	Repositories
<input type="checkbox"/>	Extra Packages for Enterprise Linux 7	Extra Packages for Enterprise Linux 7	1
<input type="checkbox"/>	Red Hat Enterprise Linux Server	Last synced 10 minutes ago.	14
20 per page		Showing 1 - 2 of 2 << < 1 of 1 > >>	

Task Running Steps Errors Locks Raw

Stop auto-reloading Dynflow console Resume Cancel Sub tasks

Name: Synchronize synchronize; repository 'Red Hat En...

Result: @

Triggered by: administrator

Execution type: Immediate

Start at: less than a minute ago

Started at: less than a minute ago

Ended at: N/A

Start before: -

State: running

73% Complete

Output:

15 task(s), 11 success, 0 fail

Task Running Steps Errors Locks Raw

Start auto-reloading Dynflow console Resume Cancel Sub tasks

Name: Synchronize synchronize; repository 'Red Hat En...

Result: success

Triggered by: administrator

Execution type: Immediate

Start at: 1 minute ago

Started at: 1 minute ago

Ended at: less than a minute ago

Start before: -

State: stopped

100% Complete

Output:

15 task(s), 15 success, 0 fail

Sync Status

Collapse All Expand All Select None Select All Active only

PRODUCT	START TIME	DURATION	DETAILS	RESULT
▼ Red Hat Enterprise Linux Server				
▼ 7.4				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4	1 minute ago	less than a minute	No new packages.	Syncing Complete.
▼ 7.5				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	1 minute ago	less than a minute	No new packages.	Syncing Complete.
▼ 7Server				
▼ x86_64				
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	1 minute ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	1 minute ago	less than a minute	No new packages.	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7				
<input type="checkbox"/> EPEL7	1 minute ago	less than a minute	No new packages.	Syncing Complete.

LOCATIONS

LOCATIONS

We have to tell the Satellite server about the network layout

Locations divide organizations into logical groups based on geographical location. Each location is created and used by a single Red Hat customer account, although each account can manage multiple locations and organizations.

We have to define these locations by going into Administer/Locations

Sync Status

PRODUCT				START TIME	DURATION	DETAILS	
▼ Red Hat Enterprise Linux Server							
▼ 7.4							
▼ x86_64							
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4				about 13 hours ago	1 minute	No new packages.	
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4				about 13 hours ago	1 minute	No new packages.	
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4				about 13 hours ago	1 minute	No new packages.	
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4				about 13 hours ago	less than a minute	No new packages.	
▼ 7.5							
▼ x86_64							
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5				about 13 hours ago	8 minutes	New packages: 4 (54.9 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.5				about 13 hours ago	1 minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5				about 13 hours ago	1 minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5				about 13 hours ago	10 minutes	New packages: 4 (35.1 MB).	Syncing Complete.
▼ 7Server							
▼ x86_64							
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server				about 13 hours ago	8 minutes	New packages: 4 (54.9 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7Server				about 13 hours ago	less than a minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server				about 13 hours ago	10 minutes	New packages: 4 (35.1 MB).	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 - Puppet 4 for RHEL 7 Server RPMs x86_64				about 13 hours ago	1 minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64				about 13 hours ago	1 minute	No new packages.	Syncing Complete.
<input type="checkbox"/> Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64				about 13 hours ago	1 minute	No new packages.	Syncing Complete.
▼ Extra Packages for Enterprise Linux 7							
<input type="checkbox"/> EPEL7				about 13 hours ago	8 minutes	New packages: 2 (441 KB).	Syncing Complete.

- Locations
- Organizations
- LDAP authentication
- Users
- User groups
- Roles
- Bookmarks
- Remote Execution Features
- Settings
- About

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

Syncing Complete.

LOCATIONS

We have to tell the Satellite server about the network layout

Define a new location in the Satellite server for every location you have in your enterprise.

Remember we defined the Austin location at installation time. I'll show you what Austin looks like, and then define a location for Dallas, as well.

We need to make a couple of changes.

- Add the domain to the location
- Add the Organization to the location.

This just tells the Satellite server that those resources are available in these locations. If you have locations which are in different domains, or used by different organizations, proceed accordingly.

Locations

Filter ...

Search

New Location Mismatches Report Help

NAME	HOSTS	ACTIONS
Austin	0	Edit

Displaying 1 entry

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Name *

Description

Cancel

Submit

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

All capsules

Select capsules

All itemsFilter

Selected items

sat6.tc.redhat.com

CancelSubmit

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

All domains ☐

Select domains

All items Filter +

tc.redhat.com

Selected items -

Cancel

Submit

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

All domains ☐

Select domains

All items Filter +

Selected items -

tc.redhat.com

Cancel

Submit

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Select organizations

All itemsFilter +

Red Hat

Selected items -

↔

Cancel Submit

Edit Austin

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Select organizations

All ItemsFilter +

Selected items -

Red Hat

↕

CancelSubmit

LOCATIONS

We have to tell the Satellite server about the network layout

There are other changes to locations which we'll make later, after we define some other resources. It'll make sense by the end, be patient.

Locations

Filter ... Search

New Location Mismatches Report Help

Name	Hosts	Actions
Austin	0	Edit

Displaying 1 entry

New Location

1 Create Location

2 Select Hosts

3 Edit Properties

Parent

Name *

Dallas

Description

Cancel

Submit

Edit Dallas

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Parent

Name *

Description

Cancel Submit

Edit Dallas

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

All domains

Select domains

All itemsFilter+

tc.redhat.com

Selected items

CancelSubmit

Edit Dallas

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

All domains ☐

Select domains

All itemsFilter +

Selected items -

tc.redhat.com

Cancel

Submit

Edit Dallas

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Select organizations

All itemsFilter +

Red Hat

Selected items -

↔

Cancel Submit

Edit Dallas

Primary

Users

Capsules

Subnets

Compute Resources

Media

Provisioning Templates

Partition Tables

Domains

Realms

Environments

Host Groups

Organizations

Parameters

Select organizations

All ItemsFilter+

Selected items

Red Hat

↕

CancelSubmit

Locations

Filter ... Search

New Location Mismatches Report Help

Name	Hosts	Actions
Austin	0	Edit
Dallas	0	Edit

Displaying all 2 entries

LOCATIONS

We have to tell the Satellite server about the network layout

Repeat for any additional locations.

LIFECYCLE ENVIRONMENTS

LIFECYCLE ENVIRONMENTS

A method for ensuring a safe progression of software from development to QA to production

The **application life cycle** is a concept central to Red Hat Satellite 6's content management functions. The application life cycle defines how a particular system and its software look at a particular stage. For example, an application life cycle might be simple; you might only have a development stage and production stage. In this case the application life cycle might look like this:

- Development
- Production

LIFECYCLE ENVIRONMENTS

A method for ensuring a safe progression of software from development to QA to production

However, a more complex application life cycle might have further stages, such as a phase for testing or a beta release. This adds extra stages to the application life cycle:

- Development
- Testing
- Beta Release
- Production

LIFECYCLE ENVIRONMENTS

A method for ensuring a safe progression of software from development to QA to production

Choose Content/Lifecycle Environments

Locations

Locations - Google Chrome

Not secure | https://sat6.tc.redhat.com/locations

Apps Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team

RED HAT SATELLITE

Red Hat@Dallas Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights

Red Hat Access Admin User Administer

Locations

Filter ...

Name

Austin

Dallas

Displaying all 2 entries

Lifecycle Environments

Red Hat Subscriptions

Activation Keys

Red Hat Repositories

Products

GPG Keys

Sync Status

Sync Plans

Content Views

Errata

Packages

Puppet Modules

Docker Tags

Files

OSTree Branches

Search

New Location

Mismatches Report

Help

	Hosts	Actions
	0	Edit
	0	Edit

https://sat6.tc.redhat.com/lifecycle_environments

dnat.

LIFECYCLE ENVIRONMENTS

Create

The Library is where content synced from the Red Hat content delivery network is stored on your server. It will change every time you run an automated sync. For most users, you don't want to attach systems to the Library. When we get into content views and filtering, later, it'll become clear why.

Lifecycle Environment Paths

Create Environment Path

Library	Content Views 0	Products 3	Yum Repositories 15	OSTree Repositories 0	Docker Repositories 0	Packages 55389	Errata 8081	Puppet Modules 3
---------	--------------------	---------------	------------------------	--------------------------	--------------------------	-------------------	----------------	---------------------

LIFECYCLE ENVIRONMENTS

Create environments

You'll create lifecycle environments depending on your workflow. For many enterprises, it's a pretty standard setup:

- development (dev)
- quality assurance (qa)
- production (prod)

[Environments List](#) > New Environment

New Environment

Adding Lifecycle Environment to the end of "Library"

Name

Label

Description

Save Cancel

Lifecycle Environment Paths

Create Environment Path

Library	Content Views 0	Products 3	Yum Repositories 15	OSTree Repositories 0	Docker Repositories 0	Packages 55389	Errata 8081	Puppet Modules 3
---------	--------------------	---------------	------------------------	--------------------------	--------------------------	-------------------	----------------	---------------------

Add New Environment

	Development
Content Views	0
Content Hosts	0

[Environments List](#) > New Environment

New Environment

Adding Lifecycle Environment to the end of "Development"

Name

Label

Description

Save

Cancel

Lifecycle Environment Paths

Create Environment Path

Library	Content Views 0	Products 3	Yum Repositories 15	OSTree Repositories 0	Docker Repositories 0	Packages 55389	Errata 8081	Puppet Modules 3
---------	--------------------	---------------	------------------------	--------------------------	--------------------------	-------------------	----------------	---------------------

Add New Environment

	Development	Quality Assurance
Content Views	0	0
Content Hosts	0	0

[Environments List](#) > New Environment

New Environment

Adding Lifecycle Environment to the end of "Library"

Name

Production

Label

Production

Description

[Save](#) [Cancel](#)

LIFECYCLE ENVIRONMENTS

Create environments

We'll use these when registering systems, later.

CONTENT VIEWS

CONTENT VIEWS

Managing how systems access software and configuration

Red Hat Satellite 6 uses content views to create customized repositories from the core repositories in your Definitive Media Library (DML). It achieves this through defining which repositories to use and then applying certain filters to the content. These filters include both package filters, package group filters, and errata filters. We use content views as a method to define which software versions a particular environment uses. As mentioned earlier, a Production environment might use a content view containing older package versions, while a Development environment might use a content view containing newer package versions.

Each content view creates a set of repositories across each environment, which the Satellite Server stores and manages. When we promote a content view from one environment to the next environment in the application life cycle, the respective repository on the Satellite Server updates and publishes the packages.

CONTENT VIEWS

Managing how systems access software and configuration

Navigate to Content/Content Views

Reminder: Don't use "Red Hat Common" any more. Now you should use "Satellite Tools."

Lifecycle Environment Paths - Google Chrome

LifeCycle Environme x

Not secure | https://sat6.tc.redhat.com/lifecycle_environments

Apps Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

RED HAT SATELLITE

Red Hat@Dallas Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights

Red Hat Access Admin User Administer

Lifecycle Environment Paths

Library

Content

Lifecycle Environments

Red Hat Subscriptions

Activation Keys

Red Hat Repositories

Products

GPG Keys

Sync Status

Sync Plans

Content Views

Errata

Packages

Puppet Modules

Docker Tags

Files

OSTree Branches

Products3

Yum Repositories15

OSTree Repositories0

Docker Repositories0

Packages55389

Errata8081

Puppet Modules3

Create Environment Path

Add New Environment

Development

Quality Assurance

Production

0

0

0

0

0

0

Content Views

Filter...

Search

Create New View

Name	Composite View?	Last Published	Environments	Repositories
You currently don't have any Content Views. A Content View can be added by using the button on the right.				

CONTENT VIEWS

Managing how systems access software and configuration

We'll create a common content view (CV) for all RHEL 7 systems. We can stack CVs for specific content, so I will keep this a super basic CV.

Create Content View

[Content Views](#) > New Content View

Name

RHEL 7 Server

Label

RHEL_7_Server

Description

☐ Composite View?

A composite view contains other content views.

[Save](#) [Cancel](#)

CONTENT VIEWS

Managing how systems access software and configuration

Add the repositories you want your systems to have access to. There are generally two schools of thought:

- Only add the absolute bare minimum to keep tight control over what gets installed
- Make everything available to make your core build as flexible as possible

For this demo, I'm choosing the former. There are very good reasons for both methods. You'll want to weigh the pros and cons of each for your enterprise.

CONTENT VIEWS

Managing how systems access software and configuration

Remember that 7Server is everything from GA through the last time you synced content. If you choose 7.4, for instance, you'll get everything from the release of 7.4 up but not including the content for 7.5.

You can use the 7.4, 7.5, etc. repos to lock down your systems to a specific release, or you can use 7Server and then set up date-based filters to lock down your systems to a specific release. In this example, I'll use the 7.5 repo.

You **do** want to add the kickstart tree to your CV if you're going to provision off it. See <https://access.redhat.com/solutions/3365941> for more details.

In this example, I'll only add what's needed to provision a base system and attach it to the Satellite server.

RHEL 7 Server

Publish New Version Select Action

Content Views > RHEL 7 Server > Add Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Filter... Search

Add Repositories

2 of 15 Selected

	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	2018-05-07 02:18:16 -0500	Success	12529 Packages 4247 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	Red Hat Enterprise Linux Server	2018-05-07 02:12:21 -0500	Success	814 Packages 703 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:15:57 -0500	Success	4986 Packages 0 Errata
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:10:13 -0500	Success	5099 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:13:25 -0500	Success	13448 Packages 1722 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:22:57 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-07 02:15:01 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:20:18 -0500	Success	18263 Packages 2606 Errata
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:25:52 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-07 02:21:01 -0500	Success	20120 Packages

Showing 1 - 15 of 15 << < 1 of 1 > >>

RHEL 7 Server

Publish New Version Select Action

Content Views > RHEL 7 Server > Add Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Filter... Search Add Repositories

0 of 12 Selected

	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	2018-05-07 02:18:16 -0500	Success	12529 Packages 4247 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	Red Hat Enterprise Linux Server	2018-05-07 02:12:21 -0500	Success	814 Packages 703 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:15:57 -0500	Success	4986 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:13:25 -0500	Success	13448 Packages 1722 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:22:57 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-07 02:15:01 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:20:18 -0500	Success	18263 Packages 2606 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-07 02:21:01 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-07 02:09:43 -0500	Success	254 Packages 40 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs	Red Hat Enterprise Linux Server	2018-05-07 02:12:43 -0500	Success	255 Packages

RHEL 7 Server

Publish New Version Select Action

Content Views > RHEL 7 Server > Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Filter... Search Remove Repositories

0 of 3 Selected

	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:10:13 -0500	Success	5099 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:25:52 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	Red Hat Enterprise Linux Server	2018-05-07 02:10:45 -0500	Success	69 Packages 2 Errata

20 per page

Showing 1 - 3 of 3 1 of 1

CONTENT VIEWS

Filters

Filters can be used to manage how content is presented via your CV. You can filter based on package name, package group name, date, and so on.

In this example, I'll filter by package name to exclude emacs, because the One True Editor is clearly vi. Because it's an exclude filter, it will include everything in the repository except what we've excluded.

RHEL 7 Server

Publish New Version Select Action

Content Views > RHEL 7 Server > Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Filter... Search Remove Repositories

	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:10:13 -0500	Success	5099 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-07 02:25:52 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 for RHEL 7 Server RPMs x86_64	Red Hat Enterprise Linux Server	2018-05-07 02:10:45 -0500	Success	69 Packages 2 Errata



RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Yum Filters](#) » [Create Yum Filter](#)

Details Versions **Yum Content** File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Add New Yum Filter

Name

EMACS filter

Content Type

Package
Package
Package Group
Erratum - by ID
Erratum - Date and Type

Description

Save Cancel

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Yum Filters](#) » [Create Yum Filter](#)

Details Versions **Yum Content** File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Add New Yum Filter

Name

EMACS filter

Content Type

Package

Inclusion Type

Exclude

Include

Exclude

Save Cancel

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Yum Filters](#) » [Create Yum Filter](#)

- Details
- Versions
- Yum Content**
- File Repositories
- Puppet Modules
- Docker Content
- OSTree Content
- History
- Tasks

Add New Yum Filter

Name

EMACS filter

Content Type

Package

Inclusion Type

Exclude

Description

vi for life!

Save Cancel

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Yum Filters](#) » EMACS filter

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

EMACS filter

Type: Exclude RPM

[Details](#) [RPMs](#) [Affected Repositories](#) [all](#)

☐ Exclude all RPMs with no errata. [Add Rule](#) [Remove Rule](#)

0 of 0 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version
Create a rule using the add button above.			

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Yum Filters](#) » EMACS filter

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

EMACS filter

Type: Exclude RPM

[Details](#) [RPMs](#) [Affected Repositories](#) [all](#)

☐ Exclude all RPMs with no errata. [Add Rule](#) [Remove Rule](#)

0 of 1 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version	
<input type="checkbox"/>	emacs			Save Cancel

- emacs
- emacs-a2ps
- emacs-a2ps-el
- emacs-auctex
- emacs-auctex-doc
- emacs-common
- emacs-el
- emacs-filesystem
- emacs-gettext
- emacs-gettext-el
- emacs-git
- emacs-git-el

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Yum Filters » EMACS filter

Package successfully added.

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

EMACS filter

Type: Exclude RPM

Details RPMs Affected Repositories all

Filter

☐ Exclude all RPMs with no errata.

Add Rule Remove Rule

0 of 1 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version	
<input type="checkbox"/>	emacs		All Versions	Edit

Create a rule using the add button above.

CONTENT VIEWS

Puppet modules

Here's where we add the puppet modules we uploaded earlier. We need to add all three.

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#)

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Name	Author	Version	Actions
You currently don't have any Puppet Modules included in this Content View, you can add Puppet Modules using the button on the right.			

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#) » Add Puppet Module

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Select A New Puppet Module To Add

Filter...

Name	Actions
motd	Select a Version
registry	Select a Version
stdlib	Select a Version
20 per page	Showing 1 - 3 of 3 1 of 1

Publish New Version

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#) » [Add Puppet Module](#) » Version for Module:

Details Versions Yum Content ▾ File Repositories Puppet Modules Docker Content ▾ OSTree Content History Tasks

Select an Available Version of motd

Q

Author	Version	Summary	Repositories	Actions
puppetlabs	Always Use Latest (currently 1.8.0)	A simple module to demonstrate managing /etc/motd or Windows Logon Message as a template		<button>Select Version</button>
puppetlabs	1.8.0	A simple module to demonstrate managing /etc/motd or Windows Logon Message as a template		<button>Select Version</button>

Showing 1 - 2 of 2 « < 1 of 2 > »

RHEL 7 Server

Publish New Version | Select Action

Content Views » RHEL 7 Server » Puppet Modules

Details | Versions | Yum Content | File Repositories | **Puppet Modules** | Docker Content | OSTree Content | History | Tasks

Filter... | Search | Add New Module

Name	Author	Version	Actions
motd	puppetlabs	Latest (Currently 1.8.0)	Select new version Remove Module

20 per page

Showing 1 - 1 of 1 | 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#) » Add Puppet Module

- [Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Select A New Puppet Module To Add

Name	Actions
registry	Select a Version
stdlib	Select a Version
<div>20 per page</div> <div>Showing 1 - 2 of 2 1 of 1</div>	

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Puppet Modules » Add Puppet Module » Version for Module:

- Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Select an Available Version of registry

Filter...

Q

Author	Version	Summary	Repositories	Actions
puppetlabs	Always Use Latest (currently 2.0.1)	This module provides a native type and provider to manage keys and values in the Windows Registry		Select Version
puppetlabs	2.0.1	This module provides a native type and provider to manage keys and values in the Windows Registry		Select Version

20 per page

Showing 1 - 2 of 2 << < 1 of 2 > >>

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#)

Puppet module added to Content View

Details Versions Yum Content File Repositories **Puppet Modules** Docker Content OSTree Content History Tasks

Filter... Search Add New Module

Name	Author	Version	Actions
motd	puppetlabs	Latest (Currently 1.8.0)	Select new version Remove Module
registry	puppetlabs	Latest (Currently 2.0.1)	Select new version Remove Module

20 per page Showing 1 - 2 of 2 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Puppet Modules](#) » Add Puppet Module

- [Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Select A New Puppet Module To Add

Filter...

Name	Actions
stdlib	Select a Version
Showing 1 - 1 of 1	

RHEL 7 Server

Publish New VersionSelect Action

Content Views » RHEL 7 Server » Puppet Modules » Add Puppet Module » Version for Module:

- Details
- Versions
- Yum Content
- File Repositories
- Puppet Modules
- Docker Content
- OSTree Content
- History
- Tasks

Select an Available Version of stdlib

Filter...

Q

Author	Version	Summary	Repositories	Actions
puppetlabs	Always Use Latest (currently 4.25.1)	Standard library of resources for Puppet modules.		Select Version
puppetlabs	4.25.1	Standard library of resources for Puppet modules.		Select Version
20 per page				Showing 1 - 2 of 2<<<1 of 2>>>

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Puppet Modules

Puppet module added to Content View

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search Add New Module

Name	Author	Version	Actions
motd	puppetlabs	Latest (Currently 1.8.0)	Select new version Remove Module
registry	puppetlabs	Latest (Currently 2.0.1)	Select new version Remove Module
stdlib	puppetlabs	Latest (Currently 4.25.1)	Select new version Remove Module

20 per page

Showing 1 - 3 of 3 1 of 1

CONTENT VIEWS

Publish the CV

This is how we make this content available to the various lifecycle environments.

Press the “Publish new version” button at the upper right of the screen.

Note that the first time you publish, it is associated with the Library. We’ll need to promote it to dev, qa, and prod as well.

In your enterprise, you’d promote content to dev, subscribe development systems to dev, do your development work, and when it’s ready for QA, you’d promote the content to QA. You’d then subscribe QA systems to the QA channel, do your QA testing, and when it passes, promote content to prod. You’d subscribe your production systems to the prod channel, and apply updates.

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Publish](#)

- Details
- Versions
- Yum Content
- File Repositories
- Puppet Modules
- Docker Content
- OSTree Content
- History
- Tasks

Publish New Version

A new version of RHEL 7 Server will be created and promoted to the Library environment. It can be promoted to other environments from the Versions tab of this Content View.

Version Details

Version

1.0

Description

This is the first version of the [RHEL 7 Server CV](#)

☐ Force Yum Metadata Regeneration

[Save](#) [Cancel](#)

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Versions](#)

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Version	Status	Environments	Content	Description	Actions
Version 1.0	<div></div> Publishing and promoting to 1 environment.	Library			Promote

20 per page Showing 1 - 1 of 1

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Versions

- Successfully published RHEL 7 Server version 1.0 and promoted to Library
- Successfully published RHEL 7 Server version 1.0 and promoted to Library

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Published (2018-05-03 19:00:38 -0500)	Library	36025 Packages 3461 Errata (605 2279 577) 3 Puppet Modules	This is the first version of the RHEL 7 Server CV	Promote

20 per page

Showing 1 - 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Promotion](#)

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Promote Version 1.0

Choose a lifecycle environment from the available promotion paths.

★ Starred environments are suggested for promotion.

Library ☒ ★ Development ☐ Quality Assurance ☐ Production

Description

☐ Force Yum Metadata Regeneration ⓘ

[Promote Version](#) [Cancel](#)

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Versions

Successfully initiated promotion of RHEL 7 Server version 1.0 to Development.

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoting to 1 environment.	Library Development	36025 Packages 3461 Errata (605 2279 577) 3 Puppet Modules	This is the first version of the RHEL 7 Server CV	Promote

20 per page

Showing 1 - 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Versions](#)

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoted to Development (2018-05-03 19:10:53 -0500)	Library Development	36025 Packages 3461 Errata (605 2279 577) 3 Puppet Modules	This is the first version of the RHEL 7 Server CV	Promote

20 per page

Showing 1 - 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » [Promotion](#)

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Promote Version 1.0

Choose a lifecycle environment from the available promotion paths.

★ Starred environments are suggested for promotion.

[Library](#) [Development](#) [★ Quality Assurance](#) [Production](#)

Description

☐ Force Yum Metadata Regeneration

[Promote Version](#) [Cancel](#)

RHEL 7 Server

Publish New Version Select Action

Content Views » RHEL 7 Server » Versions

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoted to Quality Assurance (2018-05-03 19:11:34 -0500)	Library Development Quality Assurance	36025 Packages 3461 Errata (605 2279 577) 3 Puppet Modules	This is the first version of the RHEL 7 Server CV	Promote

20 per page

Showing 1 - 1 of 1

RHEL 7 Server

[Publish New Version](#) [Select Action](#)

[Content Views](#) » [RHEL 7 Server](#) » Promotion

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Promote Version 1.0

Choose a lifecycle environment from the available promotion paths.

★ Starred environments are suggested for promotion.

[Library](#) [Development](#) [Quality Assurance](#) [★ Production](#)

Description

☐ Force Yum Metadata Regeneration

[Promote Version](#) [Cancel](#)

RHEL 7 Server

Publish New Version Select Action ▾

Content Views » RHEL 7 Server » Versions

- ✔ Successfully promoted RHEL 7 Server version 1.0 to Production
- ✔ Successfully promoted RHEL 7 Server version 1.0 to Production

Details Versions Yum Content ▾ File Repositories Puppet Modules Docker Content ▾ OSTree Content History Tasks

Filter...

Search ▾

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoted to Production (2018-05-03 19:15:20 -0500)	Library Development Quality Assurance Production	36025 Packages 3461 Errata (605 ⚠ 2279 ⭐ 577 📄) 3 Puppet Modules	This is the first version of the RHEL 7 Server CV	Promote ▾

CONTENT VIEWS

A more specialized content view - web server

Next, we'll create a CV for some web servers. We're going to use drupal, which is available in the EPEL repository we synced earlier. We'll also need some packages from Optional, so we'll include that.

We'll use a filter to make only the packages in EPEL necessary for drupal to install. Because it's an include filter, it will exclude everything in EPEL except what we include.

Content Views

Filter... Search

Create New View

Name	Composite View?	Last Published	Environments	Repositories
RHEL 7 Server	No	2018-05-03 19:00:38 -0500	Library, Development, Quality Assurance, Production	6

20 per page Showing 1 - 1 of 1 1 of 1

Create Content View

[Content Views](#) > New Content View

Name

Label

Description

☐ Composite View?

A composite view contains other content views.

Drupal 7 CV

Publish New Version Select Action

Content Views > Drupal 7 CV > Add Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Filter... Search Add Repositories

	Name	Product	Last Sync	Sync State	Content
<input checked="" type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	2018-05-04 02:17:23 -0500	Success	12517 Packages 4236 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64	Red Hat Enterprise Linux Server	2018-05-04 02:00:55 -0500	Success	814 Packages 703 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-04 02:00:54 -0500	Success	4986 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-04 02:00:51 -0500	Success	5099 Packages 0 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-04 02:00:52 -0500	Success	13448 Packages 1722 Errata
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-04 02:15:47 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-04 02:15:43 -0500	Success	14947 Packages 1943 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.4	Red Hat Enterprise Linux Server	2018-05-04 02:00:55 -0500	Success	18263 Packages 2606 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-04 02:27:07 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server	Red Hat Enterprise Linux Server	2018-05-04 02:26:47 -0500	Success	20120 Packages 2967 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary RPMs	Red Hat Enterprise Linux Server	2018-05-04 02:00:52 -0500	Success	254 Packages

2 of 15 Selected

Drupal 7 CV

[Publish New Version](#) [Select Action](#)

Content Views > Drupal 7 CV > Yum Repositories

Details Versions **Yum Content** File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

[List/Remove](#) [Add](#)

Filter... Search Remove Repositories

0 of 2 Selected					
<input type="checkbox"/>	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	2018-05-04 02:17:23 -0500	Success	12517 Packages 4236 Errata
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7.5	Red Hat Enterprise Linux Server	2018-05-04 02:15:47 -0500	Success	14947 Packages 1943 Errata
20 per page Showing 1 - 2 of 2					

Drupal 7 CV

Publish New Version Select Action

Content Views > Drupal 7 CV > Yum Repositories

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Repository Selection

List/Remove Add

Repositories Filters

Filter... Search

Remove Repositories

0 of 1 Selected					
<input type="checkbox"/>	Name	Product	Last Sync	Sync State	Content
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	2018-05-03 02:17:39 -0500	Success	12512 Packages 4236 Errata
Showing 1 - 1 of 1					

Drupal 7 CV

[Publish New Version](#) [Select Action](#)

[Content Views](#) > [Drupal 7 CV](#) > [Yum Filters](#)

Details Versions **Yum Content** File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search

New Filter Remove Selected

0 of 0 Selected

<input type="checkbox"/>	Name	Description	Updated	Content Type	Inclusion Type
You currently don't have any Filters included in this Content View, you can add a new Filter by using the button on the right.					

Drupal 7 CV

[Publish New Version](#) [Select Action](#)

[Content Views](#) > [Drupal 7 CV](#) > [Yum Filters](#) > Create Yum Filter

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Add New Yum Filter

Name

Drupal 7 Filter

Content Type

Package

Inclusion Type

Include

Description

Filter to include only the packages needed for Drupa

[Save](#) [Cancel](#)

Drupal 7 CV

Publish New Version Select Action

Content Views > Drupal 7 CV > Yum Filters > Drupal 7 Filter

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Drupal 7 Filter

Type: Include RPM

Details RPMs Affected Repositories all

Filter

☐ Include all RPMs with no errata.

Add Rule Remove Rule

0 of 0 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version
Create a rule using the add button above.			

Drupal 7 CV

Publish New Version | Select Action

Content Views > Drupal 7 CV > Yum Filters > Drupal 7 Filter

Details | Versions | Yum Content | File Repositories | Puppet Modules | Docker Content | OSTree Content | History | Tasks

Drupal 7 Filter

Type: Include RPM

Details | RPMs | Affected Repositories | all

Filter | Include all RPMs with no errata. | Add Rule | Remove Rule

0 of 1 Selected

RPM Name	Architecture	Version	
drupal			Save Cancel
drupal7			
drupal7-active_tags			
drupal7-addressfield			
drupal7-admin_menu			
drupal7-admin_theme			
drupal7-advanced_help			
drupal7-backup_migrate			
drupal7-block_class			
drupal7-chosen			
drupal7-ckeditor			
drupal7-context			
drupal7-crumbs			

Drupal 7 CV

Publish New VersionSelect Action

Content Views > Drupal 7 CV > Yum Filters > Drupal 7 Filter

Package successfully added.

Details

Yum Content

File Repositories

Puppet Modules

Docker Content

OSTree Content

History

Tasks

Drupal 7 Filter

Type: Include RPM

Details

RPMs

Affected Repositories

all

Filter

☐ Include all RPMs with no errata.

Add RuleRemove Rule

0 of 1 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version	
<input type="checkbox"/>	drupal7		All Versions	Edit

Create a rule using the add button above.

Drupal 7 CV

Publish New Version Select Action

Content Views > Drupal 7 CV > Yum Filters > Drupal 7 filter

- Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Drupal 7 filter

Type: Include RPM

Details RPMs Affected Repositories all

Filter

☐ Include all RPMs with no errata.

Add Rule Remove Rule

0 of 3 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version	
<input type="checkbox"/>	php-mb			Save Cancel
<input type="checkbox"/>	php-mbstring			
<input type="checkbox"/>	drupal7		All Versions	Edit

Create a rule using the add button above.

Drupal 7 CV

Publish New Version Select Action

Content Views » Drupal 7 CV » Yum Filters » Drupal 7 Filter

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Drupal 7 Filter

Type: Include RPM

Details RPMs Affected Repositories all

Filter

☐ Include all RPMs with no errata.

Add Rule Remove Rule

0 of 2 Selected

<input type="checkbox"/>	RPM Name	Architecture	Version	
<input type="checkbox"/>	php-mbstring		All Versions	Edit
<input type="checkbox"/>	drupal7		All Versions	Edit

Create a rule using the add button above.

CONTENT VIEWS

A more specialized content view - web server

Publish the content view and promote it as before.

Drupal 7 CV

[Publish New Version](#) [Select Action](#)

[Content Views](#) > [Drupal 7 CV](#) > Publish

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Publish New Version

A new version of Drupal 7 CV will be created and promoted to the Library environment. It can be promoted to other environments from the Versions tab of this Content View.

Version Details

Version

1.0

Description

☐ Force Yum Metadata Regeneration

[Save](#) [Cancel](#)

Drupal 7 CV

Publish New Version Select Action

Content Views » Drupal 7 CV » Versions

Details Versions Yum Content File Repositories Puppet Modules Docker Content OSTree Content History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	<div>Publishing and promoting to 1 environment.</div>	Library			Promote

20 per page

Showing 1 - 1 of 1

Drupal 7 CV

[Publish New Version](#) [Select Action](#)

[Content Views](#) > [Drupal 7 CV](#) > Versions

[Details](#) [Versions](#) [Yum Content](#) [File Repositories](#) [Puppet Modules](#) [Docker Content](#) [OSTree Content](#) [History](#) [Tasks](#)

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoted to Production (2018-05-03 22:08:01 -0500)	Library Development Quality Assurance Production	1 Packages 1 Errata (1 0 0)		Promote

20 per page Showing 1 - 1 of 1

CONTENT VIEWS

Composite content view

Now create a CCV of the RHEL 7 and the Drupal 7 CVs

Content Views

Filter...Search

Create New View

Name	Composite View?	Last Published	Environments	Repositories
Drupal 7 CV	No	2018-05-06 14:21:19 -0500	Library, Development, Quality Assurance, Production	2
RHEL 7 Server	No	2018-05-06 14:01:41 -0500	Library, Development, Quality Assurance, Production	3

20 per pageShowing 1 - 2 of 21 of 1

Create Content View

[Content Views](#) > New Content View

Name

Label

Description

☒ Composite View?

A composite view contains other content views.

Save

Cancel

Web Server CCV

Publish New Version

Select Action

Content Views » Web Server CCV » Add Content Views

Details

Versions

Content Views

History

Tasks

List/Remove [Add](#)

Add Content Views to Web Server CCV

Filter... Search

Add Content Views

0 of 2 Selected

<input type="checkbox"/>	Name	Version	Environment	Description	Content
<input type="checkbox"/>	Drupal 7 CV	Always Use Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		2 Repositories 0 Puppet Modules
<input type="checkbox"/>	RHEL 7 Server	Always Use Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		3 Repositories 3 Puppet Modules

20 per page

Showing 1 - 2 of 2

<< < 1 of 1 > >>

Web Server CCV

Publish New Version

Select Action

Content Views » Web Server CCV » Add Content Views

Details

Versions

Content Views

History

Tasks

List/Remove [Add](#)

Add Content Views to Web Server CCV

Filter... Search

Add Content Views

2 of 2 Selected

<input checked="" type="checkbox"/>	Name	Version	Environment	Description	Content
<input checked="" type="checkbox"/>	Drupal 7 CV	Always Use Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		2 Repositories 0 Puppet Modules
<input checked="" type="checkbox"/>	RHEL 7 Server	Always Use Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		3 Repositories 3 Puppet Modules

20 per page

Showing 1 - 2 of 2

<< < 1 of 1 > >>

Web Server CCV

Publish New Version

Select Action

Content Views » Web Server CCV » Add Content Views

Content View updated.

Details

Versions

Content Views

History

Tasks

List/Remove

Add

Add Content Views to Web Server CCV

Filter... Search

Add Content Views

0 of 0 Selected

	Name	Version	Environment	Description	Content
No Content Views available to add to Web Server CCV. Create some non-composite Content Views first.					

Web Server CCV

Publish New Version

Select Action

Content Views » Web Server CCV » Content Views

Details

Versions

Content Views

History

Tasks

List/Remove

Add

Content Views for Web Server CCV

Filter...

Search

Remove Content Views

0 of Selected

<input type="checkbox"/>	Name	Version	Environment	Description	Content
<input type="checkbox"/>	Drupal 7 CV	Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		2 Repositories 0 Puppet Modules
<input type="checkbox"/>	RHEL 7 Server	Latest (Currently 1.0)	Library, Development, Quality Assurance, Production		3 Repositories 3 Puppet Modules

CONTENT VIEWS

Composite content view

Publish them as before.

Web Server CCV

Publish New Version Select Action

Content Views » Web Server CCV » Publish

Details Versions Content Views History Tasks

Publish New Version

A new version of Web Server CCV will be created and promoted to the Library environment. It can be promoted to other environments from the Versions tab of this Content View.

Version Details

Version

1.0

Description

Force Yum Metadata Regeneration

Save Cancel

Web Server CCV

Publish New Version Select Action

Content Views » Web Server CCV » Versions

Details Versions Content Views History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Published (2018-05-03 22:13:51 -0500)	Library	36026 Packages 3462 Errata (606 2279 577) 3 Puppet Modules		Promote

20 per page

Showing 1 - 1 of 1 1 of 1

Web Server CCV

[Publish New Version](#) [Select Action](#)

Content Views » Web Server CCV » Versions

Details Versions Content Views History Tasks

Filter... Search

Version	Status	Environments	Content	Description	Actions
Version 1.0	Promoted to Production (2018-05-03 22:15:37 -0500)	Library Development Quality Assurance Production	36026 Packages 3462 Errata (606 2279 577) 3 Puppet Modules		Promote

20 per page

Showing 1 - 1 of 1

PUPPET CLASSES

PUPPET CLASSES

Config management

Puppet is a tool for applying and managing system configurations. Puppet collects system information, or facts, and uses this information to create a customized system configuration using a set of modules. These modules contain parameters, conditional arguments, actions, and templates. Puppet is used as either a local system command line tool or in a client-server relationship where the server acts as the Puppet master and applies configuration to multiple client systems using a Puppet agent. This provides a way to automatically configure newly provisioned systems, either individually or simultaneously to create a specific infrastructure.

PUPPET CLASSES

Config management

Puppet uses the following workflow to apply configuration to a system.

- Collect facts about each system. These facts can include hardware, operating systems, package versions, and other information. The Puppet agent on each system collects this information and sends it to the Puppet master.
- The Puppet master generates a custom configuration for each system and sends it to the Puppet agent. This custom configuration is called a catalog.
- The Puppet agent applies the configuration to the system.
- The Puppet agent sends a report back to the Puppet master that indicates the changes applied and if any changes were unsuccessful.
- Third-party applications can collect these reports using Puppet's API.

Overview - Google Chrome

Overview

Not secure | https://sat6.tc.redhat.com

AppsRed Hat CalendarISCIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team

RED HAT SATELLITE

Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat Insights

Red Hat AccessAdmin UserAdminister

Overview

Filter ...

Host groupsDiscovery rulesGlobal parametersPUPPETEnvironmentsClassesConfig groupsSmart variablesSmart class parameters

Q Search

Generated at 04 May 15:00ManageDocumentation

Host Configuration Status

Hosts that had performed modifications without error

Hosts in error state

Good host reports in the last 35 minutes

Hosts that had pending changes

Out of sync hosts

Hosts with no reports

Hosts with alerts disabled

00100000

Total Hosts: 1

Host Configuration Chart

100%OK

Task Status

State	Result	No. of Tasks
running	pending	2
scheduled	pending	1
stopped	success	212
stopped	warning	1

Latest Warning/Error Tasks

Name	State	Result	Started
Synchronize	stopped	warning	3 days ago

Content Views

https://sat6.tc.redhat.com/puppetclasses

hat.

Puppet classes

Filter ... x Search

Import environments from sat6.tc.redhat.com Documentation

Class name	Environments	Host groups	Hosts	Parameters	Variables	Actions
access_insights_client	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	13	0	Delete
foreman_scap_client	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	11	0	Delete
foreman_scap_client::params	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete
motd	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	7	0	Delete
stdlib	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete
stdlib::stages	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete

Displaying all 6 entries

Edit Puppet Class motd

Puppet Class **Smart Class Parameter** Smart Variables

Filter by name @ All environments - (not filtered) Documentation

content

dynamic motd

issue content

issue net content

issue net template

issue template

template

Parameter details

Key * content

Description

Puppet Environments KT_Red_Hat_Library_RHEL_7_Server_2, KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Quality_Assurance_RHEL_7_Server_2, KT_Red

Default behavior

Override the default value of the Puppet class parameter.

Override ☐

Key type

Default value

Omit ☐ Hidden value ☐

> Optional input validator

Cancel Submit

content

dynamic motd

issue content

issue net content

issue net template

issue template

template

Parameter details

Key *

content

Description

Puppet Environments

KT_Red_Hat_Library_RHEL_7_Server_2, KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Quality_Assurance_RHEL_7_Server_2, KT_Rei

Default behavior

Override the default value of the Puppet class parameter.

Override



Key type

string

Default value

This is a private system. Trespassers will be violated.

Omit



Hidden value



> Optional input validator

Prioritize attribute order

Set the order in which values are resolved.

Order

fqdn
hostgroup
os
domain

Merge overrides



Merge default



Avoid duplicates



Specify matchers

Documentation

+ Add Matcher

Cancel Submit

Puppet classes

Filter ... x Search

Import environments from sat6.tc.redhat.com Documentation

Class name	Environments	Host groups	Hosts	Parameters	Variables	Actions
access_insights_client	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	13	0	Delete
foreman_scap_client	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	11	0	Delete
foreman_scap_client::params	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete
motd	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	7	0	Delete
stdlib	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete
stdlib::stages	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete

Displaying all 6 entries

DOMAINS

DOMAINS

Tell Satellite about the DNS domains it's dealing with

The Satellite server as configured in this example manages DNS. You need to define the DNS zones (domains) and configure them so that the Satellite server can dynamically update the zone files.

DNS domains are not initially associated with any one organization.

ORGANIZATION

Any Organization > Any Organization

Manage Organizations

Red Hat

LOCATION

Any Location >

Manage Locations

foreman_scap_client

foreman_scap_client::params

motd

stdlib

stdlib::stages

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...

Environments

Host groups

Hosts

Parameters

Variables

Actions

0

13

0

0

Delete

0

11

0

0

Delete

0

0

0

0

Delete

0

7

0

0

Delete

0

0

0

0

Delete

0

0

0

0

Delete

Import environments from sat6.tc.redhat.com

Documentation

Displaying all 6 entries

Puppet classes

Filter ...		search		Import environments from sat6.tc.redhat.com		Documentation	
Class name	Environments	Host groups	Hosts	Parameters	Variables	Actions	
access_insights_client	KT_Red_Hat_Development_RHEL...		0	13	0	Delete	
foreman_scap_client	KT_Red_Hat_Development_RHEL...		0	11	0	Delete	
foreman_scap_client::params	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete	
motd	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	7	0	Delete	
stdlib	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete	
stdlib::stages	KT_Red_Hat_Development_RHEL_7_Server_2, KT_Red_Hat_Development_W...		0	0	0	Delete	

Displaying all 6 entries

Domains

Filter ... x Search

Create Domain Help

Description	Hosts	Actions
tc.redhat.com	1	Delete

Displaying 1 entry

Domains

Filter ... x Search

Description

tc.redhat.com

Domain

Parameters

Locations

Organizations

x

DNS domain *

tc.redhat.com

🔒

The full DNS domain name

Description

Full name describing the domain

DNS Capsule

DNS Capsule to use within this domain for managing A records, note that PTR records are managed via Subnet DNS Capsule

Cancel

Submit

Domains

Filter ... x Search

Description

tc.redhat.com

Domain Parameters Locations Organizations x

DNS domain *

tc.redhat.com

The full DNS domain name

Description

Full name describing the domain

DNS Capsule

sat6.tc.redhat.com

DNS Capsule to use within this domain for managing A records, note that PTR records are managed via Subnet DNS Capsule

Cancel

Submit

Domains

Filter ... x Search

Description

tc.redhat.com

Domain

Parameters

Locations

Organizations

x

DNS domain *

tc.redhat.com

🔒

The full DNS domain name

Description

Full name describing the domain

DNS Capsule

sat6.tc.redhat.com

x

DNS Capsule to use within this domain for managing A records, note that PTR records are managed via Subnet DNS Capsule

Cancel

Submit

Domains

Filter ... x Search

Description
tc.redhat.com

Domain Parameters Locations Organizations

Organizations

All items Filter +

Red Hat

Selected items -

Cancel Submit

Domains

Filter ... x Search

Description

tc.redhat.com

Domain Parameters Locations Organizations x

Organizations

All items Filter +

Selected items -

Red Hat

Cancel Submit

ORGANIZATION

Any Organization >

Manage Organizations

Any Organization

Red Hat

x Q Search

Create Domain Help

Any Location >	Hosts	Actions
Manage Locations		
	1	Delete

Displaying 1 entry

Domains

Filter ... x Search

Create Domain Help

Description	Hosts	Actions
tc.redhat.com	0	Delete

Displaying 1 entry

SUBNETS

SUBNETS

Tell Satellite about the networks upon which it's managing hosts

The Satellite server is capable of custom, per-subnet configurations for things like kickstarts. In order to customize those configurations, you have to define the subnets.

Domains

Filter ...

Search

Create Domain Help

Description	Hosts	Actions
tc.redhat.com	0	Delete

Displaying 1 entry



Subnets

Satellite can store information about the networking setup of a host that it's provisioning, which can be used to configure the virtual machine, assign the correct IP addresses and network resources, then configure the OS correctly during the provisioning process.

[Learn more about this in the documentation.](#)

Create Subnet

- ORGANIZATION
 - Red Hat > Any Organization
 - Manage Organizations
 - Red Hat
- LOCATION
 - Any Location >
 - Manage Locations



Subnets

Satellite can store information about the networking setup of a host that it's provisioning, which can be used to configure the virtual machine, assign the correct IP addresses and network resources, then configure the OS correctly during the provisioning process.

[Learn more about this in the documentation.](#)

Create Subnet

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations Organizations

Name *

Protocol * ☒ IPv4 ☐ IPv6

Network address *

Network prefix * Suffix or prefix length for this subnet, e.g. 32

Network mask * Netmask for this subnet

Gateway address Optional: Gateway for this subnet

Primary DNS server Optional: Primary DNS for this subnet

Secondary DNS server Optional: Secondary DNS for this subnet

IPAM ☐ None

VLAN ID Optional: VLAN ID for this subnet

Boot mode DHCP Default boot mode for interfaces assigned to this subnet, applied to hosts from provisioning templates

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations Organizations

Name * Austin Subnet ⓘ

Protocol * ☒ IPv4 ☐ IPv6

Network address * 172.31.100.0

Network prefix * 24 Suffix or prefix length for this subnet, e.g. 32

Network mask * 255.255.255.0 Netmask for this subnet

Gateway address 172.31.100.29 Optional: Gateway for this subnet

Primary DNS server 172.31.100.56 Optional: Primary DNS for this subnet

Secondary DNS server 172.31.00.29 Optional: Secondary DNS for this subnet

IPAM ☒ DHCP

Start of IP range 172.31.100.160 Optional: Starting IP Address for IP auto suggestion

End of IP range 172.31.100.191 Optional: Ending IP Address for IP auto suggestion

VLAN ID Optional: VLAN ID for this subnet

Boot mode DHCP Default boot mode for interfaces assigned to this subnet, applied to hosts from provisioning templates

Cancel Submit

Create Subnet

Subnet

Remote Execution

Domains

Capsules

Parameters

Locations

Organizations

Capsules

All Items Filter +

sat6.tc.redhat.com

Selected Items -

Select as many remote execution Capsules as applicable for this subnet. When multiple Capsules with the same provider are added, actions will be load balanced among them.

Cancel

Submit

Create Subnet

Subnet

Remote Execution

Domains

Capsules

Parameters

Locations

Organizations

Capsules

All Items Filter +

Selected Items -

sat6.tc.redhat.com

Select as many remote execution Capsules as applicable for this subnet. When multiple Capsules with the same provider are added, actions will be load balanced among them.

Cancel

Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations Organizations

Domains

All items Filter +

tc.redhat.com

Selected Items -

Domains in which this subnet is part

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations Organizations

Domains

All Items Filter +

Selected Items -

tc.redhat.com

Domains in which this subnet is part

Cancel Submit

Create Subnet

Subnet Remote Execution Domains **Capsules** Parameters Locations Organizations

DHCP Capsule DHCP Capsule to use within this subnet

TFTP Capsule TFTP Capsule to use within this subnet

Reverse DNS Capsule DNS Capsule to use within this subnet for managing PTR records, note that A and AAAA records are managed via Domain DNS proxy

Discovery Capsule Discovery Capsule to use within this subnet for managing connection to discovered hosts

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations Organizations

DHCP Capsule	sat6.tc.redhat.com x	DHCP Capsule to use within this subnet
TFTP Capsule	sat6.tc.redhat.com x	TFTP Capsule to use within this subnet
Reverse DNS Capsule	sat6.tc.redhat.com x	DNS Capsule to use within this subnet for managing PTR records, note that A and AAAA records are managed via Domain DNS proxy
Discovery Capsule	sat6.tc.redhat.com x	Discovery Capsule to use within this subnet for managing connection to discovered hosts

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters **Locations** Organizations

Locations

All Items Filter +

Austin

Dallas

Selected Items -

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters **Locations** Organizations

Locations All Items Filter +

Dallas

Selected Items -

Austin

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations **Organizations**

Organizations

All Items Filter +

Red Hat

Selected Items -

Cancel Submit

Create Subnet

Subnet Remote Execution Domains Capsules Parameters Locations **Organizations**

Organizations

All Items Filter +

Selected Items -

Red Hat

Cancel Submit

Subnets

Filter ... Search

Create Subnet

Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
Austin Subnet	172.31.100.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete

Displaying 1 entry

Subnets

Filter ... Search

Create Subnet

Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
Dallas Subnet	172.31.101.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete
Austin Subnet	172.31.100.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete

Displaying all 2 entries

Subnets

Subnets - Google Chrome

Subnets

Not secure | https://sat6.tc.redhat.com/subnets

AppsRed Hat CalendarISCISIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team

RED HAT SATELLITE

Red Hat AccessAdmin UserAdminister

Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat Insights

ORGANIZATION

Any OrganizationAny OrganizationManage OrganizationsRed Hat

LOCATION

Any LocationAny LocationManage LocationsAustin Subnet

Create Subnet

Network address	Domains	VLAN ID	DHCP Capsule	Actions
172.31.101.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete
172.31.100.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete

Displaying all 2 entries

Subnets

Filter ... Search

Create Subnet

Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
Austin Subnet	172.31.100.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete
Dallas Subnet	172.31.101.0/24	tc.redhat.com		sat6.tc.redhat.com	Delete

Displaying all 2 entries

SUBNETS

Use cases

Rich?

HOST COLLECTIONS

HOST COLLECTIONS

Local groupings of systems

Logical groupings of systems for use for patching and remote commands. Can be based on anything the admin wants – location (Austin, Dallas), role (dev, QA, production), category (app, web, database), or anything else.

Subnets

Subnets - Google Chrome

Subnets

Not secure | https://sat6.tc.redhat.com/subnets

AppsRed Hat CalendarISCIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team

RED HAT SATELLITE

Red Hat AccessAdmin User

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Subnets

Filter ...

Name

Austin Subnet

Dallas Subnet

Displaying all 2 entries

All hosts

Content Hosts

Host Collections

Discovered hosts

Create host

PROVISIONING SETUP

Architectures

Hardware models

Installation media

Operating systems

TEMPLATES

Partition tables

Provisioning templates

Job templates

COMPLIANCE

Policies

SCAP contents

Reports

Tailoring Files

x

Q Search

Create Subnet

Domains	VLAN ID	DHCP Capsule	Actions
tc.redhat.com		sat6.tc.redhat.com	Delete
tc.redhat.com		sat6.tc.redhat.com	Delete

https://sat6.tc.redhat.com/host_collections

dnat.

Host Collections

Filter... Search

Create Host Collection

Name	Content Hosts	Limit
You currently don't have any Host Collections, you can add Host Collections using the button on the right.		

Create Host Collection

[Host Collections](#) > New Host Collection

Name

☒ Unlimited Hosts

Description

Save Cancel

Create Host Collection

Host Collections > New Host Collection

Name

Web Server Dev

☒ Unlimited Hosts

Description

Save Cancel

Web Server Dev

Select Action

Host Collections > Web Server Dev

Details Hosts

Basic Information

Name:	Web Server Dev	
Description:		
Content Hosts:	0	
Content Host Limit:	Unlimited	

Actions

The following actions can be performed on content hosts in this host collection:

- [Package Installation, Removal, and Update](#)
- [Errata Installation](#)
- [Host Collection Membership](#)
- [Change assigned Lifecycle Environment or Content View](#)
- [Subscription Management](#)

Host Collections

Search

Create Host Collection

Name	Content Hosts	Limit
Web Server Dev	0	Unlimited

20 per page

Showing 1 - 1 of 1

1 of 1

Host Collections

Filter...

Search

Create Host Collection

Name	Content Hosts	Limit
Web Server Dev	0	Unlimited
Web Server Production	0	Unlimited
Web Server QA	0	Unlimited

20 per page

Showing 1 - 3 of 31 of 1

INSTALLATION MEDIA

INSTALLATION MEDIA

No longer visible!

If you were here last year, you remember me covering the configuration of installation media. This is no longer necessary.

See <https://access.redhat.com/solutions/3365941> and https://bugzilla.redhat.com/show_bug.cgi?id=1382775

With recent change in Red Hat Satellite 6.3, auto-creation of Installation Media for synced Kickstart repositories has been stopped, to support Synced Content under Media Selection option, when creating either a New Host or creating a New Host Group.

PROVISIONING TEMPLATES

PROVISIONING TEMPLATES

For kickstart

Stackable, mix and match templates which are used to create a kickstart script when provisioning new hosts. We're going to make the templates commonly used in various methods of kickstarting (iPXE, PXELinux, and Satellite kickstart, %post, and user information) available to the organization and locations the Satellite server manages.

Provisioning Templates

Filter ... × Q Search ▼

[Create Template](#)
[Build PXE Default](#)
[Documentation](#)

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Altorator default		Provisioning template			Clone
Altorator default finish		Finish template			Clone
Altorator default PXELinux		PXELinux template			Clone
altorator_pkglist			✓		Clone
ansible_provisioning_callback			✓		Clone
ansible_tower_callback_script			✓		Clone
ansible_tower_callback_service			✓		Clone
Atomic Kickstart default		Provisioning template			Clone
AutoYaST default		Provisioning template			Clone
AutoYaST default IPXE		IPXE template			Clone
AutoYaST default PXELinux		PXELinux template			Clone
AutoYaST default user data		User data template			Clone
AutoYaST SLES default		Provisioning template			Clone
bmc_nic_setup			✓		Clone
Boot disk IPXE - generic host		Boot disk embedded template			Clone
Boot disk IPXE - host		Boot disk embedded template			Clone
chef_client			✓		Clone
coreos_cloudconfig			✓		Clone
CoreOS provision		Provisioning template			Clone
CoreOS PXELinux		PXELinux template			Clone

Displaying entries 1 - 20 of 89 in total

ORGANIZATION						
Red Hat	>	Any Organization				
Manage Organizations		Red Hat				
LOCATION						
Any Location	>					
Manage Locations						
		Host group / Environment	Kind	Snippet	Locked	Actions
Alterator default finish			Provisioning template			Clone
Alterator default PXELinux			Finish template			Clone
alterator_pkglist			PXELinux template			Clone
ansible_provisioning_callback				✓		Clone
ansible_tower_callback_script				✓		Clone
ansible_tower_callback_service				✓		Clone
Atomic Kickstart default			Provisioning template			Clone
AutoYaST default			Provisioning template			Clone
AutoYaST default IPXE			IPXE template			Clone
AutoYaST default PXELinux			PXELinux template			Clone
AutoYaST default user data			User data template			Clone
AutoYaST SLES default			Provisioning template			Clone
bmc_nic_setup				✓		Clone
Boot disk IPXE - generic host			Boot disk embedded template			Clone
Boot disk IPXE - host			Boot disk embedded template			Clone
chef_client				✓		Clone
coreos_cloudconfig				✓		Clone
CoreOS provision			Provisioning template			Clone
CoreOS PXELinux			PXELinux template			Clone

Displaying entries 1 - 20 of 89 in total

Provisioning Templates

Filter ... × Q Search ▼

[Create Template](#)
[Build PXE Default](#)
[Documentation](#)

Name	Host group / Environment	Kind	Snippet	Locked	Actions
create_users			✓		Clone
Discovery Debian kexec		Discovery Kexec template			Clone
Discovery Red Hat kexec		Discovery Kexec template			Clone
epel			✓		Clone
fix_hosts			✓		Clone
FreeBSD (mfsBSD) finish		Finish template			Clone
FreeBSD (mfsBSD) provision		Provisioning template			Clone
FreeBSD (mfsBSD) PXELinux		PXELinux template			Clone
freeipa_register			✓		Clone
Grubby default		Script template			Clone
http_proxy			✓		Clone
idm_register			✓		Clone
Jumpstart default		Provisioning template			Clone
Jumpstart default finish		Finish template			Clone
Jumpstart default PXEGrub		PXEGrub template			Clone
Junos default finish		Finish template			Clone
Junos default SLAX		Provisioning template			Clone
Junos default ZTP config		ZTP PXE template			Clone
Kickstart default finish		Finish template			Clone
Kickstart default IPXE		IPXE template			Clone

Displaying entries 21 - 40 of 89 in total

Provisioning Templates

Filter ... Search

Name
create_users
Discovery Debian kexec
Discovery Red Hat kexec
epel
fix_hosts
FreeBSD (mfsBSD) finish
FreeBSD (mfsBSD) provision
FreeBSD (mfsBSD) PXELinux
freeipa_register
Grubby default
http_proxy
idm_register
Jumpstart default
Jumpstart default finish
Jumpstart default PXEGrub
Junos default finish
Junos default SLAX
Junos default ZTP config
Kickstart default finish
Kickstart default IPXE

Template Type Association History Locations Organizations Help

Name * Kickstart default IPXE

Default ☒

Default templates are automatically added to new organizations and locations

Warning! This template is locked. You may only change the associations. Please [clone](#) it to customize.

Template editor

Input Diff Preview

ruby Default

```
#/pxxe
kind: IPXE
name: Kickstart default IPXE
oses:
  - CentOS
  - Fedora
  - RedHat
  subnet = @host.subnet ->
  if subnet.respond_to?(:dhcp_boot_mode?) && subnet.dhcp_boot_mode? ->
    static = '' ->
  else ->
    static_arg = 'static=yes' ->
    static = (@host.token.nil? ? '?' : '&') + static_arg ->
  end ->
kernel <%= "#{@host.url_for_boot(:kernel)}" %> ks<%= foreman_url('provision') %> static %> ksdevice<%= @host.mac %> network kssendmac ks.sendmac inst.ks.sendmac ip=${netX/ip}
initrd <%= "#{@host.url_for_boot(:initrd)}" %>
boot
```

Audit Comment

Provisioning Templates

Filter ... Search

Name
create_users
Discovery Debian kexec
Discovery Red Hat kexec
epel
fix_hosts
FreeBSD (mfsBSD) finish
FreeBSD (mfsBSD) provision
FreeBSD (mfsBSD) PXELinux
freeipa_register
Grubby default
http_proxy
idm_register
Jumpstart default
Jumpstart default finish
Jumpstart default PXEGrub
Junos default finish
Junos default SLAX
Junos default ZTP config
Kickstart default finish
Kickstart default IPXE

Template Type Association History Locations Organizations Help

How templates are determined

When editing a template, you must assign a list of operating systems which this template can be used with. Optionally, you can restrict a template to a list of host groups and/or environments.

When a Host requests a template (e.g. during provisioning), Satellite will select the best match from the available templates of that type, in the following order:

- Host group and Environment
- Host group only
- Environment only
- Operating system default

The final entry, Operating System default, can be set by editing the [Operating System](#) page.

Applicable Operating Systems

All Items Filter +

Selected items -

RedHat 7.4

RedHat 7.5

Valid host group and environment combinations

+ Add combination

Cancel Submit

Provisioning Templates

Filter ... Search

Name
create_users
Discovery Debian kexec
Discovery Red Hat kexec
epel
fix_hosts
FreeBSD (mfsBSD) finish
FreeBSD (mfsBSD) provision
FreeBSD (mfsBSD) PXELinux
freeipa_register
Grubby default
http_proxy
idm_register
Jumpstart default
Jumpstart default finish
Jumpstart default PXEGrub
Junos default finish
Junos default SLAX
Junos default ZTP config
Kickstart default finish
Kickstart default IPXE

Template Type Association History Locations Organizations Help

Locations

All items Filter +

Austin

Dallas

Selected items -

Cancel Submit

Provisioning Templates

Filter ... Search

Name
create_users
Discovery Debian kexec
Discovery Red Hat kexec
epel
fix_hosts
FreeBSD (mfsBSD) finish
FreeBSD (mfsBSD) provision
FreeBSD (mfsBSD) PXELinux
freeipa_register
Grubby default
http_proxy
idm_register
Jumpstart default
Jumpstart default finish
Jumpstart default PXEGrub
Junos default finish
Junos default SLAX
Junos default ZTP config
Kickstart default finish
Kickstart default IPXE

Template Type Association History Locations Organizations Help

Locations

All items Filter

Selected items

Austin

Dallas

Cancel Submit

Provisioning Templates

Filter ... Search

Name
create_users
Discovery Debian kexec
Discovery Red Hat kexec
epel
fix_hosts
FreeBSD (mfsBSD) finish
FreeBSD (mfsBSD) provision
FreeBSD (mfsBSD) PXELinux
freeipa_register
Grubby default
http_proxy
idm_register
Jumpstart default
Jumpstart default finish
Jumpstart default PXEGrub
Junos default finish
Junos default SLAX
Junos default ZTP config
Kickstart default finish
Kickstart default IPXE

Template Type Association History Locations Organizations Help

Organizations

All items Filter +

Selected items -

Red Hat

Cancel Submit

Provisioning Templates

Filter ... Search

Create TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Kickstart default PXEGrub		PXEGrub template			Clone
Kickstart default PXEGrub2		PXEGrub2 template			Clone
Kickstart default PXELinux		PXELinux template			Clone
Kickstart default user data		User data template			Clone
kickstart_lfcfg_bonded_interface			✓		Clone
kickstart_lfcfg_bond_interface			✓		Clone
kickstart_lfcfg_generic_interface			✓		Clone
kickstart_lfcfg_get_identifier_names			✓		Clone
kickstart_networking_setup			✓		Clone
NX-OS default POAP setup		POAP PXE template			Clone
Preseed default		Provisioning template			Clone
Preseed default finish		Finish template			Clone
Preseed default IPXE		IPXE template			Clone
Preseed default PXEGrub2		PXELinux template			Clone
Preseed default PXELinux		PXELinux template			Clone
Preseed default user data		User data template			Clone
preseed_networking_setup			✓		Clone
puppet.conf			✓		Clone
puppetlabs_repo			✓		Clone
puppet_setup			✓		Clone

Provisioning Templates

Filter ... Search

Name
Kickstart default PXEGrub
Kickstart default PXEGrub2
Kickstart default PXELinux
Kickstart default user data
kickstart_lfcdg_bonded_interface
kickstart_lfcdg_bond_interface
kickstart_lfcdg_generic_interface
kickstart_lfcdg_get_identifier_names
kickstart_networking_setup
NX-OS default POAP setup
Preseed default
Preseed default finish
Preseed default IPXE
Preseed default PXEGrub2
Preseed default PXELinux
Preseed default user data
preseed_networking_setup
puppet.conf
puppetlabs_repo
puppet_setup

Template Type Association History Locations Organizations Help

How templates are determined

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- Host group only
- Environment only
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Applicable Operating Systems

All Items Filter +

Selected items -

RedHat 7.4

RedHat 7.5

Valid host group and environment combinations

+ Add combination

Cancel Submit

Provisioning Templates

Filter ... Search

Name
Kickstart default PXEGrub
Kickstart default PXEGrub2
Kickstart default PXELinux
Kickstart default user data
kickstart_lfcdg_bonded_interface
kickstart_lfcdg_bond_interface
kickstart_lfcdg_generic_interface
kickstart_lfcdg_get_identifier_names
kickstart_networking_setup
NX-OS default POAP setup
Preseed default
Preseed default finish
Preseed default IPXE
Preseed default PXEGrub2
Preseed default PXELinux
Preseed default user data
preseed_networking_setup
puppet.conf
puppetlabs_repo
puppet_setup

Template Type Association History Locations Organizations Help

Locations

All items Filter +
Austin
Dallas

Selected items -

Cancel Submit

Provisioning Templates

Filter ... Search

Name
Kickstart default PXEGrub
Kickstart default PXEGrub2
Kickstart default PXELinux
Kickstart default user data
kickstart_lfcdg_bonded_interface
kickstart_lfcdg_bond_interface
kickstart_lfcdg_generic_interface
kickstart_lfcdg_get_identifier_names
kickstart_networking_setup
NX-OS default POAP setup
Preseed default
Preseed default finish
Preseed default IPXE
Preseed default PXEGrub2
Preseed default PXELinux
Preseed default user data
preseed_networking_setup
puppet.conf
puppetlabs_repo
puppet_setup

TemplateTypeAssociationHistoryLocationsOrganizationsHelp

Locations

All itemsFilter

Selected items

Austin

Dallas

CancelSubmit

Provisioning Templates

Filter ... Search

Name
Kickstart default PXEGrub
Kickstart default PXEGrub2
Kickstart default PXELinux
Kickstart default user data
kickstart_ifcfg_bonded_interface
kickstart_ifcfg_bond_interface
kickstart_ifcfg_generic_interface
kickstart_ifcfg_get_identifier_names
kickstart_networking_setup
NX-OS default POAP setup
Preseed default
Preseed default finish
Preseed default IPXE
Preseed default PXEGrub2
Preseed default PXELinux
Preseed default user data
preseed_networking_setup
puppet.conf
puppetlabs_repo
puppet_setup

TemplateTypeAssociationHistoryLocationsOrganizationsHelp

Organizations

All itemsFilter+

Selected items-

Red Hat

↔

CancelSubmit

Provisioning Templates

Filter ... Search

Create TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Satellite Kickstart Default		Provisioning template			Clone
Satellite Kickstart Default Finish		Finish template			Clone
Satellite Kickstart Default User Data		User data template			Clone
subscription_manager_registration			✓		Clone
UserData default		User data template			Clone
WAIK default PXELinux		PXELinux template			Clone
XenServer default answerfile		Provisioning template			Clone
XenServer default finish		Finish template			Clone
XenServer default PXELinux		PXELinux template			Clone

Provisioning Templates

Filter ... Search

Name
Satellite Kickstart Default
Satellite Kickstart Default Finish
Satellite Kickstart Default User Data
subscription_manager_registration
UserData default
WAIK default PXELinux
XenServer default answerfile
XenServer default finish
XenServer default PXELinux

TemplateTypeAssociationHistoryLocationsOrganizationsHelp

Locations

All itemsFilter+

Selected items-

Austin

Dallas

↔

CancelSubmit

Provisioning Templates

Filter ... Search

Create TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Satellite Kickstart Default		Provisioning template			Clone
Satellite Kickstart Default Finish		Finish template			Clone
Satellite Kickstart Default User Data		User data template			Clone
subscription_manager_registration			✓		Clone
UserData default		User data template			Clone
WAIK default PXELinux		PXELinux template			Clone
XenServer default answerfile		Provisioning template			Clone
XenServer default finish		Finish template			Clone
XenServer default PXELinux		PXELinux template			Clone

Provisioning Templates

Filter ... Search

Name
Satellite Kickstart Default
Satellite Kickstart Default Finish
Satellite Kickstart Default User Data
subscription_manager_registration
UserData default
WAIK default PXELinux
XenServer default answerfile
XenServer default finish
XenServer default PXELinux

TemplateTypeAssociationHistoryLocationsOrganizationsHelp

Locations

All itemsFilter

Selected items

Austin

Dallas

CancelSubmit

Provisioning Templates

Filter ... Search

Create TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Satellite Kickstart Default		Provisioning template			Clone
Satellite Kickstart Default Finish		Finish template			Clone
Satellite Kickstart Default User Data		User data template			Clone
subscription_manager_registration			✓		Clone
UserData default		User data template			Clone
WAIK default PXELinux		PXELinux template			Clone
XenServer default answerfile		Provisioning template			Clone
XenServer default finish		Finish template			Clone
XenServer default PXELinux		PXELinux template			Clone

Provisioning Templates

Filter ... Search

Name
Satellite Kickstart Default
Satellite Kickstart Default Finish
Satellite Kickstart Default User Data
subscription_manager_registration
UserData default
WAIK default PXELinux
XenServer default answerfile
XenServer default finish
XenServer default PXELinux

TemplateTypeAssociationHistoryLocationsOrganizationsHelp

Locations

All itemsFilter

Selected items

Austin

Dallas

CancelSubmit

ACTIVATION KEYS

ACTIVATION KEYS

Tying everything together

Activation keys enable a new host to attach to your Satellite and automatically join an environment (Dev, QA, Production), a content view or composite content view, consume the correct subscriptions to products, have the correct repositories available, and join the correct host collections (system groups)

Provisioning Templates - Google Chrome

Provisioning Template

Not secure | https://sat6.tc.redhat.com/templates/provisioning_templates?page=5

AppsRed Hat CalendarISCISIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team»

RED HAT SATELLITE

Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat Insights

Red Hat AccessAdmin UserAdminister

Provisioning Template

Filter ...

Lifecycle EnvironmentsRed Hat SubscriptionsActivation KeysRed Hat RepositoriesProductsGPG KeysSync StatusSync PlansContent ViewsErrataPackagesPuppet ModulesDocker TagsFilesOSTree Branches

×

Q Search

Create TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Satellite Kickstart Default		Provisioning template			Clone
Satellite Kickstart Default Finish		Finish template			Clone
Satellite Kickstart Default User Data		User data template			Clone
subscription_manager_registration			✓		Clone
UserData default		User data template			Clone
WAIK default PXELinux		PXELinux template			Clone
XenServer default answerfile		Provisioning template			Clone
XenServer default finish		Finish template			Clone
XenServer default PXELinux		PXELinux template			Clone

Displaying entries 81 - 89 of 89 in total

«12345»

Select an Organization

The page you are attempting to access requires selecting a specific organization.

Please select one from the list below and you will be redirected.

Select an Organization ▾

Select an Organization

Red Hat

Select

Activation Keys - Google Chrome

Activation Keys

Not secure | https://sat6.tc.redhat.com/activation_keys?page=1&per_page=20&sortBy=name&sortOrder=ASC

Apps Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

RED HAT SATELLITE

Red Hat Access Admin User

Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

Activation Keys

Search

Create Activation Key

Name	Host Limit	Environment	Content View
You currently don't have any Activation Keys, you can add Activation Keys using the button on the right.			

New Activation Key

Activation Keys > New Activation Key

Name

Web Dev Activation Key

☒ Unlimited Hosts

Description

Environment

☐ Library ☒ Development ☐ Quality Assurance ☐ Production

Content View

Web Server CCV
Drupal 7 CV
RHEL 7 Server
Web Server CCV

New Activation Key

Activation Keys > New Activation Key

Name

Web Dev Activation Key

☒ Unlimited Hosts

Description

Environment

☐ Library ☒ Development ☐ Quality Assurance ☐ Production

Content View

Web Server CCV

Save Cancel

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key

Details Subscriptions Repository Sets Host Collections Associations

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Dev Activation Key"

Basic Information

Name: Web Dev Activation Key

Description:

Host Limit: Unlimited

Service Level:

Activation Key Content

Release Version:

Environment :

Library Development Quality Assurance Production

Content View : Web Server CCV

Web Dev Activation Key

Activation Keys > Web Dev Activation Key

Details Subscriptions Repository Sets Host Collections Associations

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Dev Activation Key"

Basic Information

Name: Web Dev Activation Key

Description:

Host Limit: Unlimited

Service Level:

Activation Key Content

Release Version: 7.5

Environment : Library Development Quality Assurance Production

Content View : Web Server CCV

Web Dev Activation Key

Activation Keys > Web Dev Activation Key

Activation Key updated

Details Subscriptions Repository Sets Host Collections Associations

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Dev Activation Key"

Basic Information

Name: Web Dev Activation Key

Description:

Host Limit: Unlimited

Service Level:

Activation Key Content

Release Version: 7.5

Environment :

Library Development Quality Assurance Production

Content View : Web Server CCV

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Add Subscriptions

Details Subscriptions Repository Sets Host Collections Associations

Activation Key Type:

Auto-Attach Yes

When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove Add

Filter... Search

Add Selected

2 of 2 Selected

Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
Employee SKU							
<input checked="" type="checkbox"/> 1	0 out of 6	Physical	2017-12-05 23:00:00 -0600	2018-12-05 22:59:59 -0600	Self-Support	11541733	739897
Extra Packages for Enterprise Linux 7							
<input checked="" type="checkbox"/> 1	0 out of Unlimited	Physical	2018-04-27 13:01:51 -0500	2048-04-19 12:01:51 -0600			

20 per page

Showing 1 - 2 of 2 1 of 1

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > List Subscriptions

- Details
- Subscriptions
- Repository Sets
- Host Collections
- Associations

Activation Key Type:

Auto-Attach Yes

When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove Add

Filter... Search Remove Selected

0 of 2 Selected

Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
Employee SKU							
1	0 out of 6	Physical	2017-12-05 23:00:00 -0600	2018-12-05 22:59:59 -0600	Self-Support	11541733	739897
Extra Packages for Enterprise Linux 7							
1	0 out of Unlimited	Physical	2018-04-27 13:01:51 -0500	2048-04-19 12:01:51 -0600			

20 per page

Showing 1 - 2 of 2 1 of 1

Web Dev Activation Key

Activation Keys > Web Dev Activation Key > Repository Sets

Details Subscriptions **Repository Sets** Host Collections Associations

Below are the Repository Sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

Filter... ☐ Show All ☐ Limit to Environment

Select Action

0 of 8 Selected

<input type="checkbox"/>	Repository Name	Product Name	Repository Path	Status
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/7Server/\$basearch/sat-tools/6.3/os	Disabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server (Kickstart)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/kickstart	Disabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/os	Enabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/optional/os	Disabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/supplementary/os	Disabled
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/7Server/\$basearch/sat-tools/6.3-puppet4/os	Disabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/7Server/\$basearch/extras/os	Disabled
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	/custom/Extra_Packages_for_Enterprise_Linux_7/EPEL7	Enabled

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Repository Sets

Details

Subscriptions

Repository Sets

Host Collections

Associations

Below are the Repository Sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

Filter...

☐ Show All

☐ Limit to Environment

<input type="checkbox"/>	Repository Name	Product Name	Repository Path	Status	<div>Select Action</div>
<input checked="" type="checkbox"/>	Red Hat Satellite Tools 6.3 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/sat-tools/6.3/os	Disabled	
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server (Kickstart)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/kickstart	Disabled	
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/os	Enabled	
<input checked="" type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/optional/os	Disabled	
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/supplementary/os	Disabled	
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/sat-tools/6.3-puppet4/os	Disabled	
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/extras/os	Disabled	
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	/custom/Extra_Packages_for_Enterprise_Linux_7/EPEL7	Enabled	

Select Action

Override to Enabled

Override to Disabled

Reset to Default

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Repository Sets

Details

Subscriptions

Repository Sets

Host Collections

Associations

Below are the Repository Sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

Filter...

☐ Show All

☐ Limit to Environment

Select Action

0 of 8 Selected

<input type="checkbox"/>	Repository Name	Product Name	Repository Path	Status
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/sat-tools/6.3/os	Enabled (overridden)
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server (Kickstart)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/kickstart	Enabled (overridden)
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/os	Enabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Optional (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/optional/os	Enabled (overridden)
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/\$releasever/\$basearch/supplementary/os	Disabled
<input type="checkbox"/>	Red Hat Satellite Tools 6.3 - Puppet 4 (for RHEL 7 Server) (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/sat-tools/6.3-puppet4/os	Disabled
<input type="checkbox"/>	Red Hat Enterprise Linux 7 Server - Extras (RPMs)	Red Hat Enterprise Linux Server	/content/dist/rhel/server/7/Server/\$basearch/extras/os	Disabled
<input type="checkbox"/>	EPEL7	Extra Packages for Enterprise Linux 7	/custom/Extra_Packages_for_Enterprise_Linux_7/EPEL7	Enabled

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Add Host Collections

Details Subscriptions Repository Sets Host Collections Associations

List/Remove Add

Filter

Add Selected

0 of 3 Selected

<input type="checkbox"/>	Name	Description	Capacity
<input type="checkbox"/>	Web Server Dev		0 / Unlimited
<input type="checkbox"/>	Web Server Production		0 / Unlimited
<input type="checkbox"/>	Web Server QA		0 / Unlimited

20 per page

Showing 1 - 3 of 3 << < 1 of 1 > >>

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Add Host Collections

Details

Subscriptions

Repository Sets

Host Collections

Associations

List/Remove [Add](#)

Filter

Add Selected

1 of 3 Selected

<input type="checkbox"/>	Name	Description	Capacity
<input checked="" type="checkbox"/>	Web Server Dev		0 / Unlimited
<input type="checkbox"/>	Web Server Production		0 / Unlimited
<input type="checkbox"/>	Web Server QA		0 / Unlimited

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > Add Host Collections

Details Subscriptions Repository Sets Host Collections Associations

List/Remove Add

Added 1 host collections to activation key "Web Dev Activation Key".

Filter Add Selected

0 of 2 Selected

<input type="checkbox"/>	Name	Description	Capacity
<input type="checkbox"/>	Web Server Production		0 / Unlimited
<input type="checkbox"/>	Web Server QA		0 / Unlimited

20

 per page

Showing 1 - 2 of 2 << < 1 of 1 > >>

Web Dev Activation Key

Select Action

Activation Keys > Web Dev Activation Key > List Host Collections

Details Subscriptions Repository Sets Host Collections Associations

List/Remove Add

Filter

Remove Selected

0 of 1 Selected

<input type="checkbox"/>	Name	Description	Capacity
<input type="checkbox"/>	Web Server Dev		0 / Unlimited

20 per page

Showing 1 - 1 of 1 << < 1 of 1 > >>

Activation Keys

Filter... Search

Create Activation Key

Name	Host Limit	Environment	Content View
Web Dev Activation Key	0 out of Unlimited	Development	Web Server CCV

20 per page

Showing 1 - 1 of 1

Activation Keys

Filter... Search

Create Activation Key

Name	Host Limit	Environment	Content View
Web Dev Activation Key	0 out of Unlimited	Development	Web Server CCV
Web Prod Activation Key	0 out of Unlimited	Production	Web Server CCV
Web QA Activation Key	0 out of Unlimited	Quality Assurance	Web Server CCV

20 per page

Showing 1 - 3 of 31 of 1

HOST GROUPS

HOST GROUPS

Think Puppet groups

Host groups are logical groupings of hosts, but for configuration management (puppet) and provisioning. Host collections, discussed earlier, are for grouping systems for administrative tasks. This is a side effect of using puppet for configuration management and katello for system management.

Activation Keys

Not secure | https://sat6.tc.redhat.com/activation_keys?page=1&per_page=20&sortBy=name&sortOrder=ASC

AppsRed Hat CalendarISCIRed Hat JobsFiverr: The MarkeDockerConCloud StrategyFunniesHeadlight StuffPersonalMustang StuffRHTE EMEA 2017RHT LinksImported From FiOpenShiftBurnette's Team

RED HAT SATELLITE

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat Insights

Red Hat AccessAdmin UserAdminister

Activation Keys

Filter...

Create Activation Key

Name	Host Limit	Environment	Content View
Web Dev Activation Key	0 out of Unlimited	Development	Web Server CCV
Web Prod Activation Key	0 out of Unlimited	Production	Web Server CCV
Web QA Activation Key	0 out of Unlimited	Quality Assurance	Web Server CCV

20 per page

Showing 1 - 3 of 31 of 1

- Host groups
- Discovery rules
- Global parameters
- PUPPET
- Environments
- Classes
- Config groups
- Smart variables
- Smart class parameters

Host group configuration - Google Chrome

Host group configuration x

Not secure | https://sat6.tc.redhat.com/hostgroups

Apps Red Hat Calendar ISCSI Red Hat Jobs Fiverr: The Marke DockerCon Cloud Strategy Funnies Headlight Stuff Personal Mustang Stuff RHTE EMEA 2017 RHT Links Imported From Fi OpenShift Burnette's Team »

RED HAT SATELLITE

Red Hat Access Admin User

Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

Host group configuration

Create Host Group

A host group is in some ways similar to an inherited node declaration, in that it is a high level grouping of classes that can be named and treated as a unit. This is then treated as a template and is selectable during the creation of a new host and ensures that the host is configured in one of your pre-defined states. In addition to defining which puppet classes get included when building this host type you are also able to assign variables and provisioning information to a host group to further refine the behavior of the puppet runtime. The host group's classes and the host group's variables are included in the external node information when the puppetmaster compiles the host's configuration.

There are two strategies when using host groups. You may create puppet classes that represent high-level host configurations, for example, a **host-type-ldap-server** class, which includes all the required functionality from other modules or you may decide to create a host group called **host-type-ldap-server** and add the required classes into the host group configuration. These two options are personal decisions and are up to you (where the main difference would be the parameter/variables settings).

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Name *

Lifecycle Environment

Content View

Content Source

Puppet Environment [Reset Puppet Environment to match selected Content View](#)

Puppet Master Use this puppet server as an initial Puppet Server or to execute puppet runs

Puppet CA Use this puppet server as a CA server

OpenSCAP Capsule OpenSCAP Capsule to use for fetching SCAP content and uploading ARF reports

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Name * Web Dev HG ⓘ

Lifecycle Environment Development x ▾

Content View Web Server CCV x ▾

Content Source sat6.tc.redhat.com x ▾

Puppet Environment KT_Red_Hat_Development_Web_Server_CCV_9 x ▾ [Reset Puppet Environment to match selected Content View](#)

Puppet Master sat6.tc.redhat.com x ▾ Use this puppet server as an initial Puppet Server or to execute puppet runs

Puppet CA sat6.tc.redhat.com x ▾ Use this puppet server as a CA server

OpenSCAP Capsule x ▾ OpenSCAP Capsule to use for fetching SCAP content and uploading ARF reports

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Included Classes

Available Classes

Filter classes

+ access_insights_client + motd
+ foreman_scap_client + stdlib

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Included Classes

Available Classes

Filter classes

+ access_insights_client

+ foreman_scap_client

+ motd

+ stdlib

Click to add motd

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Included Classes

motd

Available Classes

Filter classes

+ access_insights_client

+ foreman_scap_client

+ motd

+ stdlib

stdlib

stdlib::stages

Click to add stdlib

Cancel

Submit

Create Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Included Classes

motd
stdlib

Available Classes

Filter classes

+ access_insights_client

+ foreman_scap_client

+ motd

+ stdlib

stdlib::stages

Cancel

Submit

Create Host Group

Host Group Puppet Classes **Network** Operating System Parameters Locations Organizations Activation Keys

Domain

IPv4 Subnet

IPv6 Subnet

Realm

Create Host Group

Host Group Puppet Classes **Network** Operating System Parameters Locations Organizations Activation Keys

Domain

tc.redhat.com

IPv4 Subnet

Please select

IPv6 Subnet

No subnets

Realm

Cancel

Submit

Create Host Group

Host Group Puppet Classes Network **Operating System** Parameters Locations Organizations Activation Keys

Architecture

Operating system *

Media Selection

☐ Synced Content ☒ All Media

Select the installation media that will be used to provision this host. Choose 'Synced Content' for Synced Kickstart Repositories or 'All Media' for other media.

Media *

Partition table *

Root password

Password must be 8 characters or more

Cancel

Submit

Create Host Group

Host Group Puppet Classes Network **Operating System** Parameters Locations Organizations Activation Keys

Architecture

x86_64

Operating system *

RedHat 7.5

Media Selection

☒ Synced Content ☐ All Media

Select the installation media that will be used to provision this host. Choose 'Synced Content' for Synced Kickstart Repositories or 'All Media' for other media.

Synced Content

Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5

Partition table *

Kickstart default

PXE loader

PXELinux BIOS

Root password

.....

Password must be 8 characters or more

Cancel

Submit

Create Host Group

Host Group | Puppet Classes | Network | Operating System | **Parameters** | Locations | Organizations | Activation Keys

Puppet class parameters

Puppet class	Name	Value	Omit
motd	content	<input type="checkbox"/> This is a private system. Trespassers will be violated.	

Global parameters

Host group parameters

Name	Value	Actions
+ Add Parameter		

[Cancel](#) [Submit](#)

Create Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Locations

All itemsFilter +

Austin

Dallas

Selected Items -

Cancel

Submit

Create Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Locations

All items Filter +

Selected Items -

Austin

Dallas

Cancel

Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations **Organizations** Activation Keys

Organizations

All Items Filter +

Selected Items -

Red Hat

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations **Activation Keys**

Activation keys

comma separated values. The value will be available in templates as @host.params['kt_activation_keys']

Subscriptions information based on selected activation keys:
Activation keys and subscriptions can be managed [here](#)
<http://sat6.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm>
[Reload data](#)

Cancel Submit

Create Host Group

Host Group Puppet Classes Network Operating System Parameters Locations Organizations Activation Keys

Activation keys Web Dev Activation Key comma separated values. The value will be available in templates as @host.params['kt_activation_keys']

Subscriptions information based on selected activation keys:

- Web Dev Activation Key

Activation keys and subscriptions can be managed [here](#)
<http://sat6.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm>
[Reload data](#)

Cancel Submit

Host Groups

Filter ... x Search

Create Host Group Help

Name	Hosts	Hosts including sub-groups	Actions
Web Dev HG	0	0	Nest

Displaying 1 entry

Host Groups

Filter ... x Search

Create Host Group Help

Name	Hosts	Hosts including sub-groups	Actions
Web Dev HG	0	0	Nest
Web Prod HG	0	0	Nest
Web QA HG	0	0	Nest


Displaying all 3 entries

COMPUTE RESOURCES

COMPUTE RESOURCES

What are compute resources?

Compute resources are hypervisors. Standalone KVM (libvirt), VMWare, and Red Hat Virtualization are all supported. We'll enable foreman to connect to the hypervisors via ssh with ssh keys.



Terminal - root@sat6:~

File Edit View Terminal Tabs Help

```
[root@sat6 ~]# su - foreman -s /bin/bash
Last login: Fri May 4 03:46:01 CDT 2018
-bash-4.2$
```

```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
-bash-4.2$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/usr/share/foreman/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /usr/share/foreman/.ssh/id_rsa.
Your public key has been saved in /usr/share/foreman/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:bJbYalobbpvCQT2ab9JyP31yaPbyaorrBKRRr1C9EqaY foreman@sat6.tc.redhat.com
The key's randomart image is:
+---[RSA 2048]---+
|
|      .
|     +.
|    *.+o.
|   =.=oS.
|  + 0+= .
| E o..+B  . .
|   . =B*=. 0 o
|   .00+o*.0o
|
+-----[SHA256]-----+
-bash-4.2$
```



```
Terminal - root@sat6:~
File Edit View Terminal Tabs Help
-bash-4.2$ ssh-copy-id root@dixie-flatline.tc.redhat.com
/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/usr/share/foreman/.ssh/id_rsa.pub"
The authenticity of host 'dixie-flatline.tc.redhat.com (172.31.100.28)' can't be established.
ECDSA key fingerprint is SHA256:wbmJBLjCv30CgosI315VHHgu83odl1QPBNmhMG2httQ.
ECDSA key fingerprint is MD5:60:52:b1:85:f4:3f:9b:dc:03:c2:c6:b5:32:d7:21:18.
Are you sure you want to continue connecting (yes/no)? yes
/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@dixie-flatline.tc.redhat.com's password:

Number of key(s) added: 1

Now try logging into the machine, with:  "ssh 'root@dixie-flatline.tc.redhat.com'"
and check to make sure that only the key(s) you wanted were added.

-bash-4.2$
```



Terminal - root@sat6:~



File Edit View Terminal Tabs Help

```
-bash-4.2$ ssh root@dixie-flatline.tc.redhat.com "hostname"  
dixie-flatline.tc.redhat.com  
-bash-4.2$
```

Host Groups

Filter ...

Search

Create Host Group Help

Name	Hosts	Actions
Web Dev HG	0	Nest
Web Prod HG	0	Nest
Web QA HG	0	Nest

Displaying all 3 entries



Compute Resources

Satellite supports creating and managing hosts on a number of virtualization and cloud services - referred to as "compute resources" - as well as bare metal hosts.

[Learn more about this in the documentation.](#)

Create Compute Resource

Create Compute Resource

Compute Resource Locations Organizations

Name *

Provider *

Description

Cancel Submit

COMPUTE RESOURCES

Tips

Note the connection is `qemu+ssh://root@[host]/system`. The example on the page is wrong for this use case.

Don't leave the box checked for random passwords!

Create Compute Resource

Compute Resource Locations Organizations

Name * dixie-flatline.tc.redhat.com ⓘ

Provider * Libvirt ▼

Description

URL * qemu+ssh://dixie-flatline.tc.redhat.com/system
e.g. qemu://host.example.com/system ⓘ Documentation

Display type VNC ▼

Console passwords ☐ [Set a randomly generated password on the display connection](#)

Test Connection

Cancel Submit

COMPUTE RESOURCES

Password

Test the connection before continuing.

Create Compute Resource

Compute Resource Locations Organizations

Name * dixie-flatline.tc.redhat.com ⓘ

Provider * Libvirt ▼

Description

URL * qemu+ssh://root@dixie-flatline.tc.redhat.com/system
e.g. qemu://host.example.com/system ⓘ Documentation

Display type VNC ▼

Console passwords ☐ Set a randomly generated password on the display connection

Test Connection

Cancel Submit

Create Compute Resource

Compute Resource Locations Organizations

Locations

All Items Filter +

Selected Items -

Austin

Dallas

Cancel Submit

Create Compute Resource

Compute Resource Locations Organizations

Organizations

All Items Filter +

Selected Items -

Red Hat

Cancel Submit

dixie-flatline.tc.redhat.com

Associate VMs Edit Create Image

Compute Resource

Virtual Machines

Images

Compute profiles

Property	Value
Provider	Libvirt
URL	qemu+ssh://root@dixie-flatline.tc.redhat.com/system
Display type	vnc
Console passwords	Disabled

COMPUTE RESOURCES

Other VMs

In my case, I already have several VMs on the hypervisor.

dixie-flatline.tc.redhat.com

Associate VMs | Edit | Create Image

Compute Resource | Virtual Machines | Images | Compute profiles

Name	CPUs	Memory	Power	Actions
rhev-m	6	8 GB	Off	Power On
sat6	6	16 GB	On	Power Off
sat6-backup	6	16 GB	Off	Power On
satellite	6	16 GB	Off	Power On

Showing 1 to 4 of 4 items

BUILD A VM

BUILD A VM

We see the results of all this seemingly random work!

Compute Resources

Filter ...

Name
dixie-flatline.tc.redhat.com

Displaying 1 entry

- All hosts
- Content Hosts
- Host Collections
- Discovered hosts
- Create host
- PROVISIONING SETUP
 - Architectures
 - Hardware models
 - Installation media
 - Operating systems
- TEMPLATES
 - Partition tables
 - Provisioning templates
 - Job templates
- COMPLIANCE
 - Policies
 - SCAP contents
 - Reports
 - Tailoring Files

x

Search

Create Compute Resource

Documentation

Name	Type	Actions
	Libvirt	Edit



Hosts

You don't have any visible hosts. Hosts can be added and provisioned from Satellite, or configured to report to Satellite.

[Learn more about this in the documentation.](#)

Create Host

Create Host

Host Puppet Classes Interfaces Operating System Parameters Additional Information

Name *

pey-fatig

This value is used also as the host's primary interface name.

Organization *

Red Hat

Location *

Host Group

Deploy on

Bare Metal

Lifecycle Environment

Content View

Content Source

Puppet Environment

inherit

[Reset Puppet Environment to match selected Content View](#)

Puppet Master

inherit

Use this puppet server as an initial Puppet Server or to execute puppet runs

Puppet CA

inherit

Use this puppet server as a CA server

OpenSCAP Capsule

inherit

OpenSCAP Capsule to use for fetching SCAP content and uploading ARF reports

Cancel

Submit

Create Host | web-dev3.tc.redhat.com

Host Puppet Classes Interfaces Operating System Virtual Machine Parameters Additional Information

Name *

web-dev3

This value is used also as the host's primary interface name.

Organization *

Red Hat

Location *

Austin

Host Group

Web Dev HG

Deploy on

w541.tc.redhat.com (Libvirt)

Lifecycle Environment

Development

Content View

Web Server CCV

Content Source

sat6.tc.redhat.com

Puppet Environment

KT_Red_Hat_Development_Web_Server_CCV_13

inherit

[Reset Puppet Environment to match selected Content View](#)

Puppet Master

sat6.tc.redhat.com

inherit

Use this puppet server as an initial Puppet Server or to execute puppet runs

Puppet CA

sat6.tc.redhat.com

inherit

Use this puppet server as a CA server

OpenSCAP Capsule

inherit

OpenSCAP Capsule to use for fetching SCAP content and uploading ARF reports

Cancel

Submit

Create Host

Host Puppet Classes Interfaces Operating System Parameters Additional Information

Included Classes

▼ Inherited Classes from Web Dev HG

motd
stdlib

Available Classes



Filter classes

+ access_insights_client
+ foreman_scap_client
+ stdlib

Cancel Submit

Create Host

HostPuppet ClassesInterfacesOperating SystemVirtual MachineParametersAdditional Information

	Identifier	Type	MAC address	IPv4 address	IPv6 address	FQDN	Actions
 		Interface physical @ bridge				web-dev1.tc.redhat.com	<div>EditDelete</div>
<div>+ Add Interface</div>							

Cancel

Submit

Create Host

Not secure | https://sat6.tc.redhat.com/hosts/new

RED HAT SATELLITE

Red Hat | Monitor | Content | Containers

Create Host

Host | Puppet Classes | Interfaces | Operations

	Identifier	Type
		Interface

+ Add Interface

Cancel

Submit

Interface

Type: Interface

MAC address

Device identifier

DNS name: web-dev1

Domain: tc.redhat.com

IPv4 Subnet

IPv6 Subnet: No subnets

IPv4 address

IPv6 address

Managed: ☒

Primary: ☒

Provision: ☒

Remote execution: ☒

Virtual NIC: ☐

Libvirt

Network type: Physical (Bridge)

Network

NIC type: virtio

Cancel

Ok

Red Hat Access | Admin User | Administer

Actions

Edit

Delete

Create Host

Not secure | https://sat6.tc.redhat.com/hosts/new

RED HAT SATELLITE

Red Hat | Monitor | Content | Containers

Create Host

Host | Puppet Classes | Interfaces | Operations

	Identifier	Type
		Interface

+ Add Interface

Cancel

Submit

Type

Interface

MAC address

Device identifier

DNS name

web-dev1

Domain

tc.redhat.com

IPv4 Subnet

Austin Subnet (172.31.100.0/24)

IPv6 Subnet

No subnets

IPv4 address

172.31.100.182

[Suggest new](#)

IPv6 address

Managed

Primary

Provision

Remote execution

Virtual NIC

Libvirt

Network type

Virtual (NAT)

Network

Summit

NIC type

virtio

Cancel

Ok

Red Hat Access | Admin User | Administer


Actions

Edit

Delete

Create Host | web-dev1.tc.redhat.com

HostPuppet ClassesInterfacesOperating SystemVirtual MachineParametersAdditional Information

		Identifier	Type	MAC address	IPv4 address	IPv6 address	FQDN	Actions
			Interface physical @ NAT Summit		172.31.100.182		web-dev1.tc.redhat.com	<div>EditDelete</div>

+ Add Interface

Cancel

Submit

Create Host | web-dev1.tc.redhat.com

Host Puppet Classes Interfaces **Operating System** Virtual Machine Parameters Additional Information

Architecture * x86_64 x

Operating system * RedHat 7.5 x

Provisioning Method *
☐ Boot disk based ☒ Network Based ☐ Image Based

Build mode ☒ Enable this host for provisioning

Media Selection
☒ Synced Content ☐ All Media
Select the installation media that will be used to provision this host. Choose 'Synced Content' for Synced Kickstart Repositories or 'All Media' for other media.

Synced Content Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5 x

Partition table * Kickstart default x

PXE loader PXELinux BIOS x

Custom partition table

What ever text(or ERB template) you use in here, would be used as your OS disk layout options If you want to use the partition table option, delete all of the text from this field

Root password * ⓘ Password must be 8 characters or more

Provisioning templates

Resolve

Display the templates that will be used to provision this host

Cancel Submit

Create Host

Not secure | https://sat6.tc.redhat.com/hosts/new

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Media Selection

Synced ContentAll Media

Select the installation media that will be used to provision this host. Choose 'Synced Content' for Synced Kickstart Repositories or 'All Media' for other media.

Synced ContentRed Hat Enterprise Linux 7 Server Kickstart x86_64 7.5

Partition table *Kickstart default

PXE loader PXELinux BIOS

Custom partition table

What ever text(or ERB template) you use in here, would be used as your OS disk layout options If you want to use the partition table option, delete all of the text from this field

Root password * Password must be 8 characters or more

Provisioning templates Resolve

Display the templates that will be used to provision this host

Templates resolved for this operating system

PXELinux template Template Kickstart default PXELinux

Finish template Template Satellite Kickstart Default Finish

IPXE template Template Kickstart default IPXE

Discovery Kexec template Template Discovery Red Hat kexec

Provisioning template Template Satellite Kickstart Default

User data template Template Satellite Kickstart Default User Data

Cancel Submit

Create Host | web-dev1.tc.redhat.com

Host

Puppet Classes

Interfaces

Operating System

Virtual Machine

Parameters

Additional Information

CPU

2

Memory

2048 MB

Start

☒ Power ON this machine

Network interfaces

Network interfaces management has been moved to the Interfaces tab. Please set your interfaces there.

Storage

Storage pool

default

Size (GB)

10G

Allocation (GB)

0G

None

Size

Full

Type

RAW

+ Add Volume

Cancel

Submit

Create Host | web-dev1.tc.redhat.com

Host

Puppet Classes

Interfaces

Operating System

Parameters

Additional Information

Puppet class parameters

Puppet class	Name	Value	Omit
motd	content	<div>This is a private system. Trespassers will be violated.</div>	

Global parameters

Name	Value	Actions
kt_activation_keys	<div>Web Dev Activation Key</div>	<div>override</div>

Host parameters

Name	Value	Actions
------	-------	---------

+ Add Parameter

Cancel

Submit

Create Host | web-dev1.tc.redhat.com

Host

Puppet Classes

Interfaces

Operating System

Parameters

Additional Information

Owned By

Admin User (administrator)

Enabled

☒ Include this host within Satellite reporting

Hardware Model

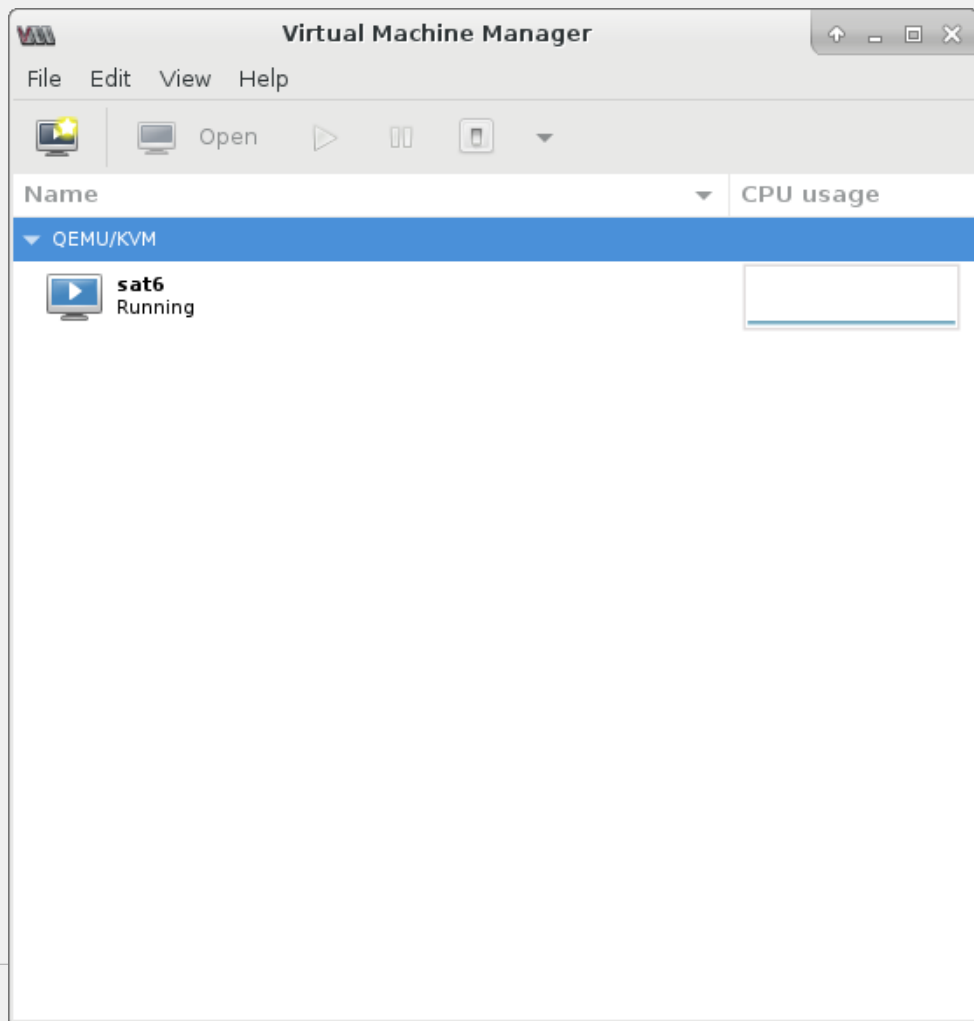
KVM

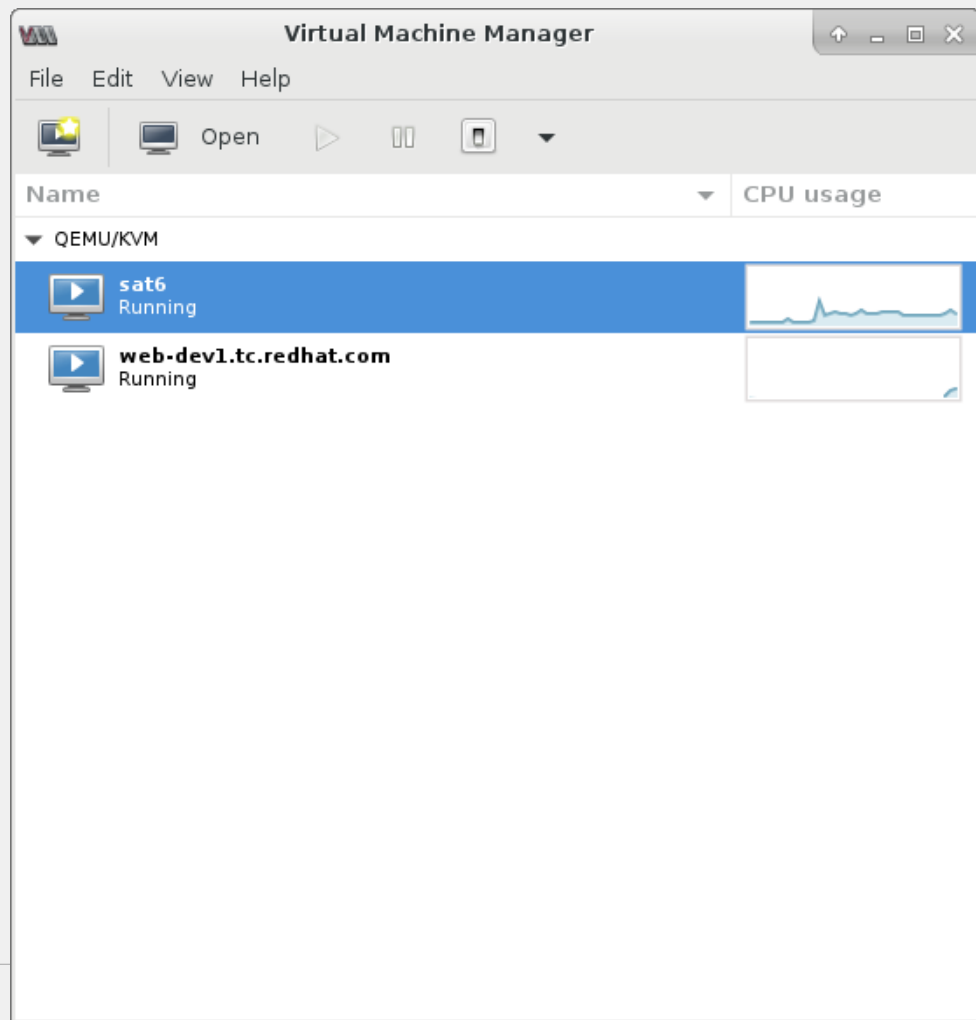
Comment

Additional information about this host

Cancel

Submit

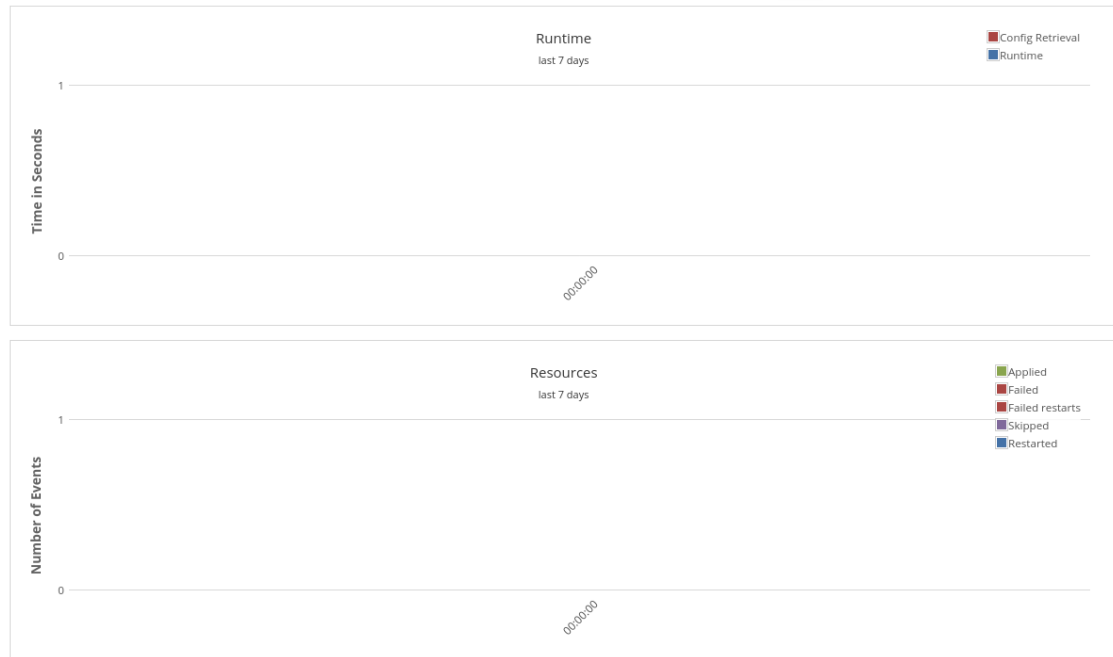




web-dev1.tc.redhat.com

Details	
Audits	YAML
Content	
Properties	Metrics Templates VM NICs
Properties	
Status	OK
Build	Pending installation
Domain	tc.redhat.com
IP Address	172.31.100.178
MAC Address	52:54:00:b2:7d:84
Puppet Environment	KT_Red_Hat_Development_Web_Server_CCV_9
Architecture	x86_64
Operating System	RedHat 7.5
PXE Loader	PXELinux BIOS
Host group	Web Dev HG
Location	Austin
Organization	Red Hat
Owner	Admin User

Console Boot disk Schedule Remote Job Edit Clone Cancel build Power Off Run puppet Delete



```
web-dev1.tc.redhat.com on QEMU/KVM: dixie-flatline.tc.redhat.com
File Virtual Machine View Send Key

Starting installer, one moment...
anaconda 21.48.22.134-1 for Red Hat Enterprise Linux 7.5 started.
* installation log files are stored in /tmp during the installation
* shell is available on TTY2
* when reporting a bug add logs from /tmp as separate text/plain attachments
03:51:21 Not asking for UNC because of an automated install
03:51:21 Not asking for UNC because text mode was explicitly asked for in kickstart
Starting automated install...
Checking software selection
Generating updated storage configuration
Checking storage configuration...

=====
Installation

1) [x] Language settings          2) [x] Time settings
   (English (United States))      (UTC timezone)
3) [x] Installation source        4) [x] Software selection
   (http://sat6.tc.redhat.com/pulp (Custom software selected)
   /repos/Red_Hat/Development/Web_ 6) [x] Kdump
   Server_CCU/content/dist/rhel/se  (Kdump is enabled)
   rver/7/7.5/x86_64/kickstart/)    8) [ ] User creation
5) [x] Installation Destination   (No user will be created)
   (Automatic partitioning
   selected)
7) [x] Network configuration
   (Wired (eth0) connected)

=====
Progress
Setting up the installation environment
.
Creating disklabel on /dev/vda
.
Creating xfs on /dev/vda1
.
Creating lvm on /dev/vda2
.
Creating swap on /dev/mapper/rhel_web--dev1-swap
.
Creating xfs on /dev/mapper/rhel_web--dev1-root
.
Running pre-installation scripts
.
Starting package installation process

anaconda1 1:main* 2:shell 3:log 4:storage-log 5:program-log
```

web-dev1.tc.redhat.com on QEMU/KVM: dixie-flatline.tc.redhat.com

File Virtual Machine View Send Key

Installing dracut-config-rescue (309/339)
Installing sudo (310/339)
Installing man-db (311/339)
Installing btrfs-progs (312/339)
Installing xfsprogs (313/339)
Installing e2fsprogs (314/339)
Installing wget (315/339)
Installing iprutils (316/339)
Installing kernel-tools (317/339)
Installing sg3_utils (318/339)
Installing libsysfs (319/339)
Installing iwl2000-firmware (320/339)
Installing iwl135-firmware (321/339)
Installing iwl3945-firmware (322/339)
Installing iwl5000-firmware (323/339)
Installing iwl105-firmware (324/339)
Installing iwl2030-firmware (325/339)
Installing iwl7260-firmware (326/339)
Installing ivtv-firmware (327/339)
Installing iwl6050-firmware (328/339)
Installing iwl100-firmware (329/339)
Installing iwl3160-firmware (330/339)
Installing iwl6000g2a-firmware (331/339)
Installing NetworkManager-config-server (332/339)
Installing rootfiles (333/339)
Installing iwl7265-firmware (334/339)
Installing iwl1000-firmware (335/339)
Installing iwl6000-firmware (336/339)
Installing iwl4965-firmware (337/339)
Installing iwl6000g2b-firmware (338/339)
Installing iwl5150-firmware (339/339)
Performing post-installation setup tasks
Installing boot loader
.
Performing post-installation setup tasks
.
Configuring installed system
.
Writing network configuration
.
Creating users
.
Configuring addons
.
Generating initramfs

anaconda 1:main* 2:shell 3:log 4:storage-log 5:program-log

Switch tab: Alt+Tab | Help: F1

```
web-dev1.tc.redhat.com on QEMU/KVM: dixie-flatline.tc.redhat.com
File Virtual Machine View Send Key

'/etc/resolv.conf' -> '/mnt/sysimage/etc/resolv.conf'
updating system time
Loaded plugins: product-id, search-disabled-repos, subscription-manager
This system is not registered with an entitlement server. You can use subscription-manager to register.
There are no enabled repos.
Run "yum repolist all" to see the repos you have.
To enable Red Hat Subscription Management repositories:
    subscription-manager repos --enable <repo>
To enable custom repositories:
    yum-config-manager --enable <repo>
Retrieving http://sat6.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm
Preparing...
Updating / installing...
katello-ca-consumer-sat6.tc.redhat.com
Registering the System
```

web-dev1.tc.redhat.com

Found 2 reports from the last 1 days

Details

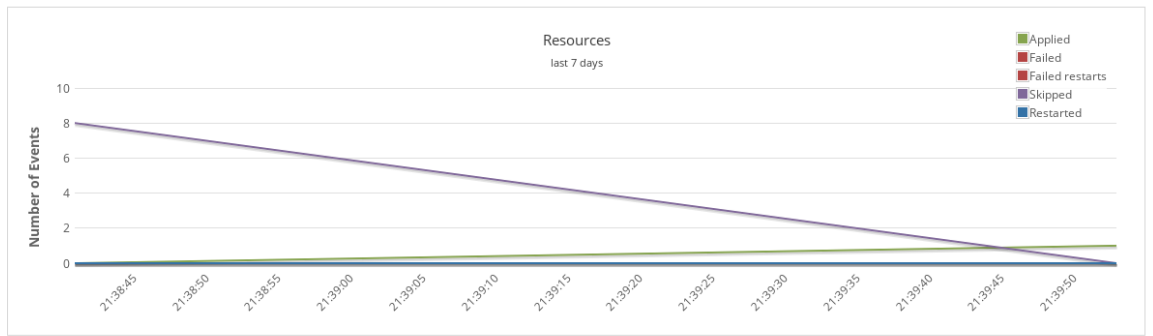
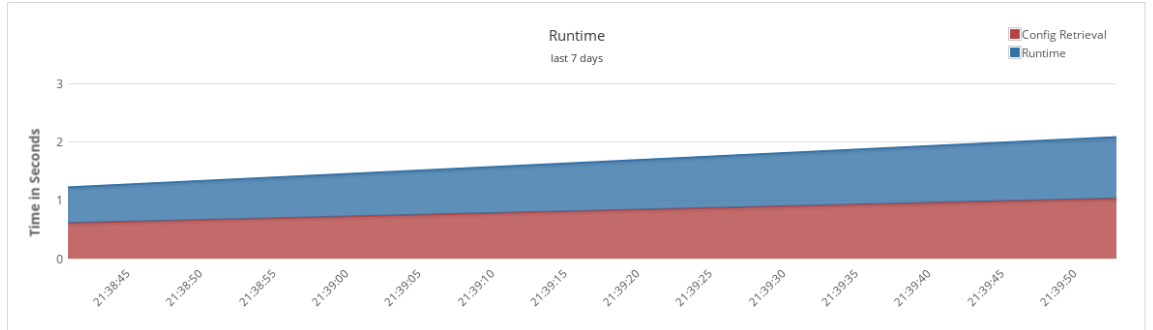
Audits Facts Reports YAML Content

Properties

Metrics Templates VM NICs

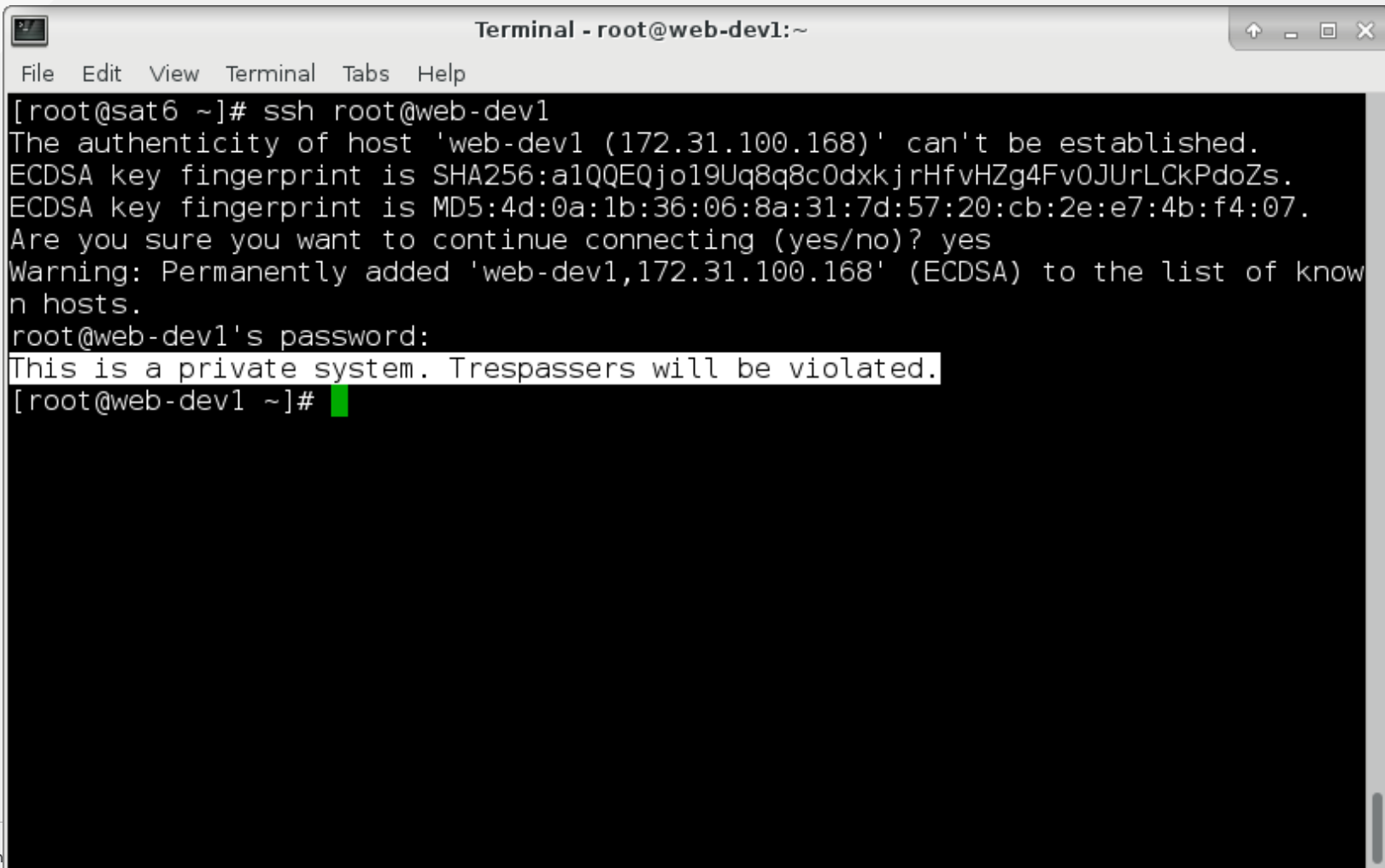
Status	Warning
Build	Installed
Configuration	Active
Errata	Non-security errata applicable
Subscription	Fully entitled
Domain	tc.redhat.com
IP Address	172.31.100.168
MAC Address	52:54:00:23:d4:98
Puppet Environment	KT_Red_Hat_Development_Web_Server_CCV_13
Architecture	x86_64
Operating System	RedHat 7.5
PXE Loader	PXELinux BIOS
Host group	Web Dev HG
Location	Austin
Organization	Red Hat
Owner	Admin User

Console Boot disk Schedule Remote Job Edit Clone Build Power Off Run puppet Delete



BUILD A VM

Do we have our MOTD?



```
Terminal - root@web-dev1:~
File Edit View Terminal Tabs Help
[root@sat6 ~]# ssh root@web-dev1
The authenticity of host 'web-dev1 (172.31.100.168)' can't be established.
ECDSA key fingerprint is SHA256:a1QQEQjo19Uq8q8c0dxkjrHfvHZg4Fv0JUUrLCKPdoZs.
ECDSA key fingerprint is MD5:4d:0a:1b:36:06:8a:31:7d:57:20:cb:2e:e7:4b:f4:07.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'web-dev1,172.31.100.168' (ECDSA) to the list of known hosts.
root@web-dev1's password:
This is a private system. Trespassers will be violated.
[root@web-dev1 ~]#
```

BUILD A VM

Are we attached to the correct repos?


```
Terminal - root@web-dev1:~
File Edit View Terminal Tabs Help
[root@web-dev1 ~]# yum repolist
Loaded plugins: enabled_repos_upload, package_upload, product-id, search-
                : disabled-repos, subscription-manager
repo id                                repo name                                status
!Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL7 EPEL7                                    1
!rhel-7-server-optional-rpms/x86_64      Red Hat Enterprise L                    11
!rhel-7-server-rpms/x86_64               Red Hat Enterprise L 20,116
!rhel-7-server-satellite-tools-6.3-rpms/x86_64 Red Hat Satellite To                    69
repolist: 20,197
Uploading Enabled Repositories Report
Loaded plugins: product-id, subscription-manager
[root@web-dev1 ~]#
```

BUILD A VM

Can we install drupal7 from EPEL?



Terminal - root@web-dev1:~



File Edit View Terminal Tabs Help

```
[root@web-dev1 ~]# yum install drupal7
```

```
Terminal - root@web-dev1:~
File Edit View Terminal Tabs Help

Verifying   : libXau-1.0.8-2.1.el7.x86_64      20/22
Verifying   : libzip-0.10.1-8.el7.x86_64      21/22
Verifying   : httpd-tools-2.4.6-80.el7.x86_64  22/22

Installed:
  drupal7.noarch 0:7.58-1.el7

Dependency Installed:
  apr.x86_64 0:1.4.8-3.el7_4.1      apr-util.x86_64 0:1.5.2-6.el7
  httpd.x86_64 0:2.4.6-80.el7        httpd-tools.x86_64 0:2.4.6-80.el7
  libX11.x86_64 0:1.6.5-1.el7        libX11-common.noarch 0:1.6.5-1.el7
  libXau.x86_64 0:1.0.8-2.1.el7      libXpm.x86_64 0:3.5.12-1.el7
  libjpeg-turbo.x86_64 0:1.2.90-5.el7  libpng.x86_64 2:1.5.13-7.el7_2
  libxcb.x86_64 0:1.12-1.el7         libzip.x86_64 0:0.10.1-8.el7
  mailcap.noarch 0:2.1.41-2.el7      php.x86_64 0:5.4.16-45.el7
  php-cli.x86_64 0:5.4.16-45.el7     php-common.x86_64 0:5.4.16-45.el7
  php-gd.x86_64 0:5.4.16-45.el7     php-mbstring.x86_64 0:5.4.16-45.el7
  php-pdo.x86_64 0:5.4.16-45.el7     php-xml.x86_64 0:5.4.16-45.el7
  t1lib.x86_64 0:5.1.2-14.el7

Complete!
Uploading Enabled Repositories Report
Loaded plugins: product-id, subscription-manager
[root@web-dev1 ~]#
```

BUILD A VM

Can we install other packages from EPEL?

```
Terminal - root@web-dev1:~
File Edit View Terminal Tabs Help
[root@web-dev1 ~]# yum install exim
Loaded plugins: enabled_repos_upload, package_upload, product-id, search-
                : disabled-repos, subscription-manager
Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL7      | 2.1 kB      00:00
rhel-7-server-optional-rpms                              | 1.9 kB      00:00
rhel-7-server-rpms                                        | 2.0 kB      00:00
rhel-7-server-satellite-tools-6.3-rpms                   | 2.1 kB      00:00
No package exim available.
Error: Nothing to do
Uploading Enabled Repositories Report
Loaded plugins: product-id, subscription-manager
[root@web-dev1 ~]#
```

BUILD A VM

Can we install EMACS?

```
Terminal - root@web-dev1:~
File Edit View Terminal Tabs Help
[root@web-dev1 ~]# yum install emacs
Loaded plugins: enabled_repos_upload, package_upload, product-id, search-
                : disabled-repos, subscription-manager
Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL7      | 2.1 kB      00:00
rhel-7-server-optional-rpms                             | 1.9 kB      00:00
rhel-7-server-rpms                                       | 2.0 kB      00:00
rhel-7-server-satellite-tools-6.3-rpms                   | 2.1 kB      00:00
No package emacs available.
Error: Nothing to do
Uploading Enabled Repositories Report
Loaded plugins: product-id, subscription-manager
[root@web-dev1 ~]#
```

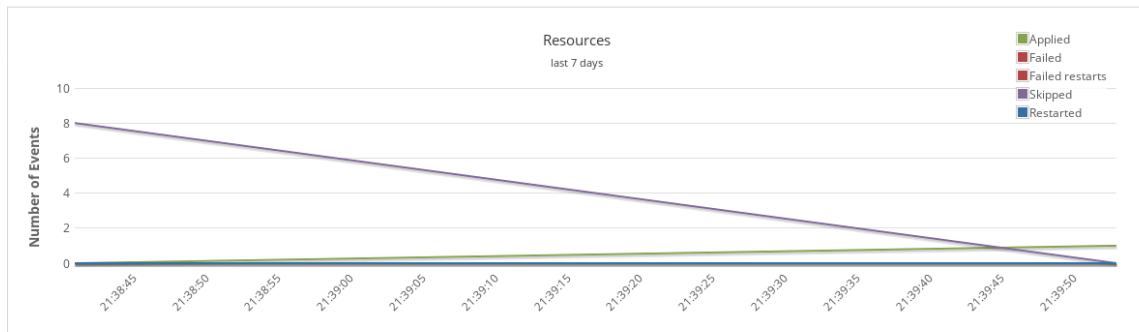
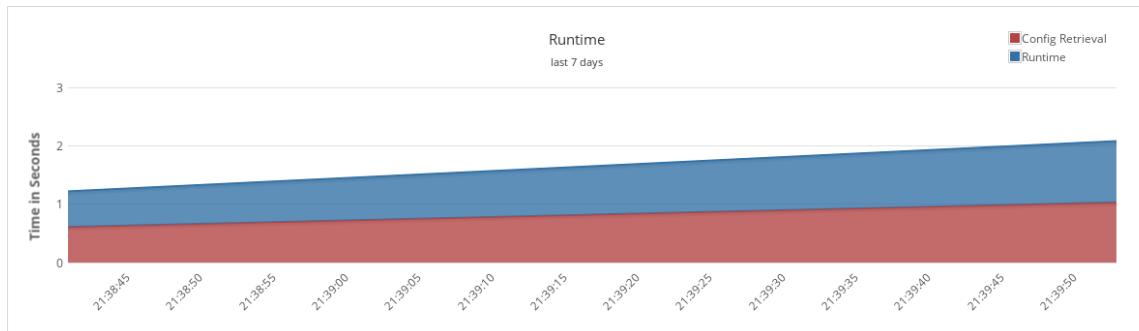

web-dev1.tc.redhat.com

Found 2 reports from the last 1 days

Details	
Audits	Facts
Reports	YAML
Content	
Properties	
Status	Warning
Build	Installed
Configuration	Active
Errata	Non-security errata applicable
Subscription	Fully entitled
Domain	tc.redhat.com
IP Address	172.31.100.168
MAC Address	52:54:00:23:d4:98
Puppet Environment	KT_Red_Hat_Development_Web_Server_CC
Architecture	x86_64
Operating System	RedHat 7.5
PXE Loader	PXELinux BIOS
Host group	Web Dev HG
Location	Austin
Organization	Red Hat
Owner	Admin User

- All hosts
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- COMPLIANCE
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Console Boot disk Schedule Remote Job Edit Clone Build Power Off Run puppet Delete



Hosts

Filter ...

Search

ExportSelect ActionCreate Host

	Power	Name	Operating system	Environment	Model	Host group	Last report	Actions
		web-dev1.tc.redhat.com	RedHat 7.5	KT_Red_Hat_Development_...	w541.tc.redhat.com	Web Dev HG	8 minutes ago	Edit

Displaying 1 entry - 0 selected

Hosts

Not secure | https://sat6.tc.redhat.com/hosts

RED HAT SATELLITE

Red Hat AccessAdmin User

Administer

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat Insights

Hosts

Filter ...

Power

Name

web-dev1.tc.redhat.com

Displaying 1 entry - 1 selected

All hosts

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Installation media

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Job templates

COMPLIANCE

Policies

SCAP contents

Reports

Tailoring Files

×

Search

▼

Export

Select Action

Create Host

Operating system	Environment	Model	Host group	Last report	Actions
RedHat 7.5	KT_Red_Hat_Development_...	w541.tc.redhat.com	Web Dev HG	12 minutes ago	<div>Edit</div>

https://sat6.tc.redhat.com/content_hosts

Content Hosts

Filter...

Search

Register Content Host

Select Action

0 of 1 Selected

<input type="checkbox"/>	Name	Subscription Status	Installable Updates	OS	Environment	Content View	Registered	Last Checkin
<input type="checkbox"/>	web-dev1.tc.redhat.com		0 0 0 0	RedHat 7.5	Development	Web Server CCV	2018-05-06 16:37:37 -0500	2018-05-06 16:37:39 -0500

20

per page

Showing 1 - 1 of 1

<<

<

1

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