

RHUGs Sept 2018

Intro

Agenda RHUG Montréal - 19 Septembre 2018

10:00 - 12:00

Session ouverte pour partenaires et clients

13:00 - 14:00

Ansible pour le provisionnement dans le Nuage, par Marcos Garcia

14:00 - 15:00

Windows containers sur Openshift, par Martin Sauvé

15:00 - 15:15

Pause

15:15 - 16:15

JBoss SSO (Keycloak) dans un environnement Azure AD, par Sébastien Perreault

Agenda RHUG Québec - 20 Septembre 2018

10:00 - 10:45

Infrastructure Migration Solution 1.0 : VMware vers RHV par Marco Bérubé, Red Hat

10:45 - 11:45

Windows containers sur Openshift et Openshift roadmap par Martin Sauvé, Red Hat

11:45 - 13:00

Diner Food Truck

13:00 - 14:15

Red Hat SSO (Keycloak) dans un environnement Azure AD par Sébastien Perreault, Red Hat

14:15 - 15:15

Ansible Network par Michael Ford, Spécialiste automatisation des réseaux , Red Hat (session en anglais)

Tower 3.3

Highlights

- More granular permissions make it easier to delegate inside your organizations and remove automation bottlenecks
- Enhanced scheduling allows you to easily schedule multiple configurations of a job
- Custom Ansible environment support allows you to have different Ansible environments for different teams and jobs
- Enhanced LDAP and SAML support allow you to integrate your enterprise account information in a more flexible manner
- Easily authenticate third-party tools and services with Tower via integrated OAuth2 token support
- Run-time management of cluster groups allows for easily configurable scaling
- Tower is now available as a containerized pod service for Red Hat OpenShift Container Platform that can be scaled up and down easily as needed.

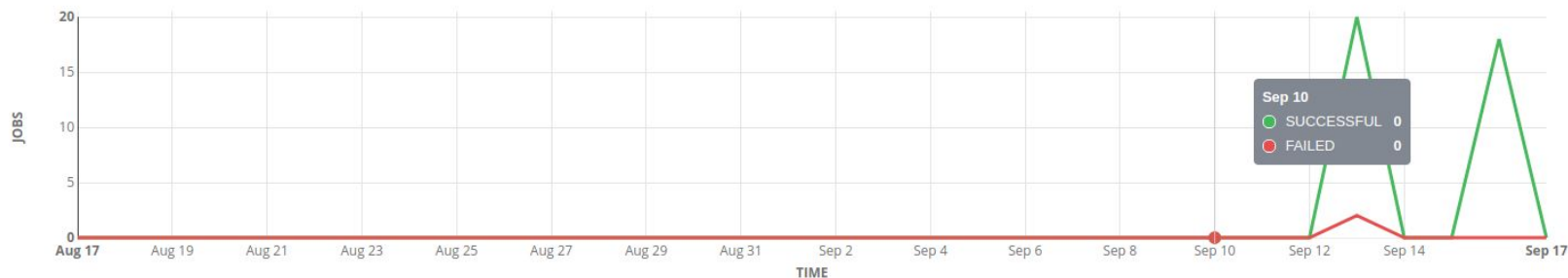
- Dashboard
- Jobs
- Schedules
- My View
- RESOURCES
- Templates
- Credentials
- Projects
- Inventories
- Inventory Scripts
- ACCESS
- Organizations
- Users
- Teams
- ADMINISTRATION
- Credential Types
- Notifications
- Management Jobs
- Instance Groups
- Applications

DASHBOARD

3 HOSTS	0 FAILED HOSTS	4 INVENTORIES	0 INVENTORY SYNC FAILURES	6 PROJECTS	0 PROJECT SYNC FAILURES
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JOB STATUS

PERIOD PAST MONTH | JOB TYPE ALL | VIEW ALL



RECENTLY USED TEMPLATES

[VIEW ALL](#)

NAME	ACTIVITY	ACTIONS
MSSQL_Uninstall	██████████	🚀
MSSQL_create_database	██████████	🚀
MSSQL_Install_on_RHEL7	██████████	🚀
Create RHEL VM on Amazon	██████████	🚀
Update Linux	██████████	🚀

RECENT JOB RUNS

[VIEW ALL](#)

NAME	TIME
● MSSQL_Uninstall	17/9/2018 15:18:02
● MSSQL_create_database	17/9/2018 15:14:19
● MSSQL_Install_on_RHEL7	17/9/2018 15:12:18
● MSSQL_Uninstall	17/9/2018 11:33:37
● MSSQL_create_database	17/9/2018 11:30:07

TEMPLATES

TEMPLATES 12

SEARCH



KEY

**Create Centos VM on Azure** Job Template

ACTIVITY



INVENTORY

Demo Inventory

PROJECT

LabAzure_final

CREDENTIALS

[Azure](#) [Demo Credential](#)

LAST MODIFIED

8/8/2018 09:55:07

LAST RAN

8/8/2018 10:03:09

**Create RHEL VM on Amazon** Job Template

ACTIVITY



INVENTORY

Demo Inventory

PROJECT

Github_ml

CREDENTIALS

[Amazon](#) [Demo Credential](#)

LAST MODIFIED

14/9/2018 13:11:04

LAST RAN

14/9/2018 13:11:04

**Demo Job Template** Job Template

INVENTORY

Demo Inventory

PROJECT

Demo Project

CREDENTIALS

[Demo Credential](#)

LAST MODIFIED

16/5/2018 10:19:33 by admin



VIEWS

Dashboard

Jobs

Schedules

My View

RESOURCES

Templates

Credentials

Projects

Inventories

Inventory Scripts

ACCESS

Organizations

Users

Teams

ADMINISTRATION

Credential Types

Notifications

Management Jobs

Instance Groups

- Dashboard
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- Schedules
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- RESOURCES
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- ADMINISTRATION
- Credential Types
- Notifications
- Management Jobs
- Instance Groups
- Applications
- Settings

DETAILS

STATUS ● Successful 🚀 🗑️
STARTED 17/9/2018 15:06:53
FINISHED 17/9/2018 15:12:18
JOB TEMPLATE MSSQL_Install_on_RHEL7
JOB TYPE Run
LAUNCHED BY admin
INVENTORY SQL
PROJECT ● DemoTower
REVISION 1cfd4f1 📄
PLAYBOOK mssql.yml
CREDENTIAL 🔍 mlessard
INSTANCE GROUP tower
EXTRA VARIABLES 🔍 YAML JSON EXPAND

```

1 ---

```

MSSQL_Install_on_RHEL7

PLAYS 2 TASKS 19 HOSTS 1 ELAPSED 00:05:25 📄 ✕

SEARCH 🔍 KEY

```

-
1 Identity added: /tmp/awx_239_hQEUvd/credential_3 (/tmp/awx_239_hQEUvd/credential_3)
2 SSH password:
3
4 PLAY [Take user directory information] ***** 15:06:58
5
6 TASK [Gathering Facts] ***** 15:06:58
7 ok: [192.168.100.159]
8
9 TASK [set userdirectory fact] ***** 15:07:00
10 ok: [192.168.100.159]
11
12 TASK [debug] ***** 15:07:00
13 ok: [192.168.100.159] => {
14   "userdirectory": "/root"
15 }
16
17 PLAY [install MsSQL on RHEL 7] ***** 15:07:01
18
19 TASK [Gathering Facts] ***** 15:07:01
20 ok: [192.168.100.159]
21
22 TASK [michaellessard.mssql : debug] ***** 15:07:01
23 ok: [192.168.100.159] => {
24   "failed when result": false,

```


Satellite 6.4

Highlights

- UI redesign based on Pattern Fly. More in-line with our other technologies
- Ansible integration.
- More performance improvement.

- Monitor
- Content
- Containers
- Hosts
- Configure
- Infrastructure
- Insights
- Administer

Content Hosts

Filter... Search

Export Register Content Host Select Action

0 of 1 Selected

Name	Subscription Status	Installable Updates	OS	Lifecycle Environment	Content View	Registered	Last Checkin
rhel7test1.demo		11 27 11 138	RedHat 7.5	dev	rhel7soe	2018-09-13 11:23:21 -0400	2018-09-13 14:43:38 -0400

20 per page

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

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Red Hat Subscriptions

Search

[Add Subscriptions](#)
[Manage Manifest](#)
[Export CSV](#)
[Delete](#)

<input type="checkbox"/>	Name	SKU	Contract	Start Date	End Date	Requires Virt-Who	Consumed	Entitlements
<input type="checkbox"/>	Employee SKU	ES0113909	11695225	2018-06-15 00:00:00 -0400	2019-06-14 19:59:59 -0400	✓	1	3
<input type="checkbox"/>	PuppetBase	12064785129		2018-09-13 11:37:57 -0400	2048-09-05 10:37:57 -0500	—	0	Unlimited
<input type="checkbox"/>	Red Hat Developer Subscription	RH00798		2018-06-20 00:00:00 -0400	2019-06-20 19:59:59 -0400	—	0	5

20 per page

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« < 1 of 1 > »

- Monitor
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Red Hat Repositories

Available Search

Available Repositories OFF Recommended Repositories

20 per page 1-20 of 4725 1 of 237

- dotNET on RHEL Beta Debug RPMs for Red Hat Enterprise Linux 7 ComputeNode**
 rhel-7-hpc-node-dotnet-beta-debug-rpms
- dotNET on RHEL Beta Debug RPMs for Red Hat Enterprise Linux 7 Server**
 rhel-7-server-dotnet-beta-debug-rpms
- dotNET on RHEL Beta Debug RPMs for Red Hat Enterprise Linux 7 Workstation**
 rhel-7-workstation-dotnet-beta-debug-rpms
- dotNET on RHEL Beta (ISOs) for Red Hat Enterprise Linux 7 ComputeNode**
 rhel-7-hpc-node-dotnet-beta-isos
- dotNET on RHEL Beta (ISOs) for Red Hat Enterprise Linux 7 Server**
 rhel-7-server-dotnet-beta-isos
- dotNET on RHEL Beta (ISOs) for Red Hat Enterprise Linux 7 Workstation**
 rhel-7-workstation-dotnet-beta-isos

Nothing selected Export Enabled as CSV

Enabled Repositories

20 per page 1-5 of 5 1 of 1

- Red Hat Ansible Engine 2.6 RPMs for Red Hat Enterprise Linux 7 Server x86_64**
 x86_64
- Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64**
 x86_64
- Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.5**
 x86_64 7.5
- Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server**
 x86_64 7Server
- Red Hat Satellite Tools 6 Beta for RHEL 7 Server RPMs x86_64**
 x86_64

- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Insights >
- Administer >

Ansible Roles

Filter ... Search

From satellite64beta.mlc.dom Documentation

Name	Hostgroups	Hosts	Imported at	Actions
adriagalin.motd	1	1	5 days ago	Delete
michaellessard.nginx	0	0	5 days ago	Delete
RedHatInsights.insights-client	0	0	5 days ago	Delete

20 per page 1-3 of 3

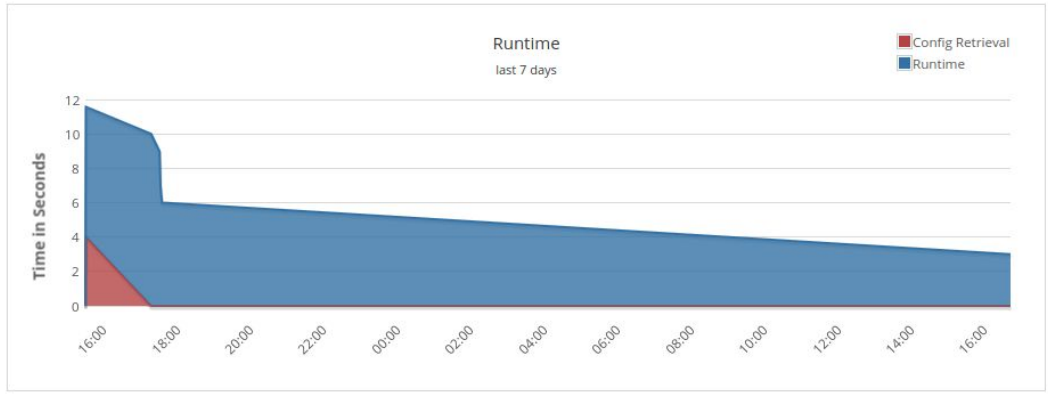
- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Insights >
- Administer >

Hosts > rhel7test1.demo

Found 7 reports from the last 1 days

- Boot disk
- Run Ansible roles
- Schedule Remote Job
- Back
- Edit
- Clone
- Build
- Run puppet
- Delete

Details	
Audits Facts Reports YAML Content	
Properties Metrics NICs	
Properties	
Status	Error
Configuration	Error
Execution	Last execution failed
Errata	Security errata applicable
Subscription	Fully entitled
Domain	satellite64.mlc.dom
IP Address	192.168.100.160
MAC Address	52:54:00:31:b3:9c
Puppet Environment	KT_MLC_dev_rhel7soe_2
Architecture	x86_64
Operating System	RedHat 7.5
PXE Loader	PXELinux BIOS
Host group	rhel7soe
Location	QUEBEC
Organisation	MLC
Owner	Admin User

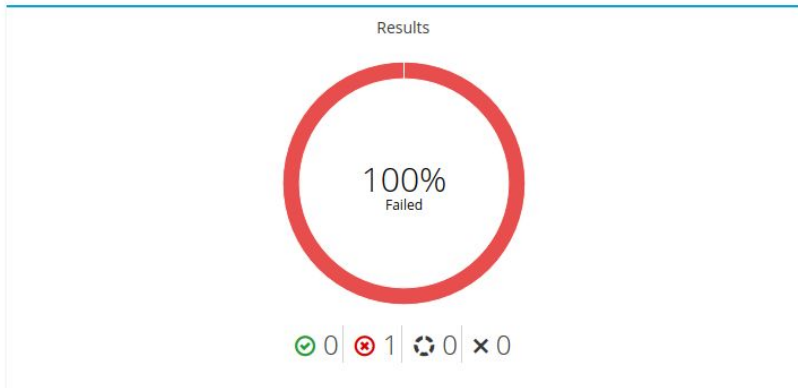


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Job invocations > Run Ansible roles

Rerun Rerun failed Job Task Cancel Job Abort Job

Overview Preview templates



Target hosts

Manual selection using **static query**

name ^ (rhel7test1.demo)

Evaluated at: 2018-09-18 11:23:39 -0400



root

Ansible Roles - Ansible Default effective user



1

Total hosts

Filter ... x Search

Host	Status	Actions
rhel7test1.demo	failed	Host detail

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- Monitor
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job invocations > Run Ansible roles > Template Invocation for rhel7test1.demo

- Back to Job
- Toggle command
- Toggle STDERR
- Toggle STDOUT
- Toggle DEBUG
- Task Details
- Cancel Job
- Abort Job

Target: rhel7test1.demo

```

1: PLAY [all] *****
2: TASK [Gathering Facts] *****
3: fatal: [rhel7test1.demo]: UNREACHABLE! => {"changed": false, "msg": "Failed to connect to the host via ssh: ssh: connect to host rhel7test1.demo port 22: No route to host\r\n", "unreac
  hable": true}
4: to retry, use: --limit @/tmp/foreman-playbook-fa4347b0-c78f-4d2f-a50f-84467462f935.retry
5: PLAY RECAP *****
6: rhel7test1.demo : ok=0 changed=0 unreachable=1 failed=0
7: Exit status: 4
8:

```

Scroll to bottom

Scroll to top