



# TRAINING AND CERTIFICATION UPDATE

Red Hat Enterprise User Group – Twin Cities

Steve Bonneville  
Manager, Curriculum Development / Red Hat  
November 11, 2015

# RED HAT LEARNING SUBSCRIPTION

One year access to all self-paced Red Hat Online Learning courses



Launched this summer:

- Over 30 courses available
- Up to 400 hours hands-on lab time
- Over 300 recorded instructor videos
- Access to additional courses as they become available
- Select “Video Classroom” versions of some of our most popular courses presented by our most experienced instructors

# INDIVIDUAL EXAM SESSIONS

Kiosk-based exam sessions scheduled on an individual basis

**Coming to the Twin Cities area in the next few weeks!**

- Kiosk currently in testing in Edina
- Will make it much more convenient for local customers to take exams
  - that run less frequently in open enrollment in the Twin Cities
  - after self-paced training such as Red Hat Learning Subscription
  - as exam retakes
  - for recertification
- [www.redhat.com/individualexam](http://www.redhat.com/individualexam)

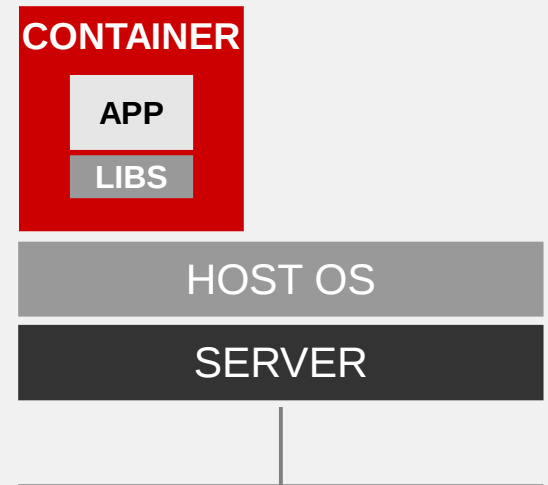
# CONTAINERS AND DEVOPS

Containers provide “**Lightweight isolation of an application and all its runtime dependencies**”

- Easy to deploy and portable across host systems

## Containers fit in with DevOps practices

- Dev: Creates container with app, libraries
- Ops: Provides infrastructure that supports running containers, monitoring, networking
- Therefore, Dev can treat container as a way to pass complex application environment to Ops, which can be rapidly deployed to production



# NEW COURSES USING CONTAINERS

## **RH270: Managing Containers with RHEL Atomic Host**

- Deploy and manage containerized applications with RHEL Atomic Host using docker-formatted images and Kubernetes
- For customers who don't need the cloud management features of OpenShift
- 3 days, no exam

## **DO280: OpenShift Enterprise Administration**

- Install and manage OpenShift Enterprise 3 infrastructure
- Approached as a DevOps-oriented enterprise deployment
- 3 days, only course with an exam

## **DO290: OpenShift Enterprise Development**

- Deploy and manage containerized applications in OpenShift Enterprise 3
- Focus is on the containers and applications, not supporting infrastructure
- 3 days, no exam

# CONFIGURATION MANAGEMENT

## **D0405: Configuration Management with Puppet**

- How to use Puppet for configuration management in conjunction with Red Hat Satellite 6.1 and other Red Hat products
- Not purely a course on Puppet, does not require existing knowledge of Satellite 6
- 4 days, new certificate of expertise exam (EX405)
- Coming Soon!

# OPENSTACK CERTIFICATION PATH

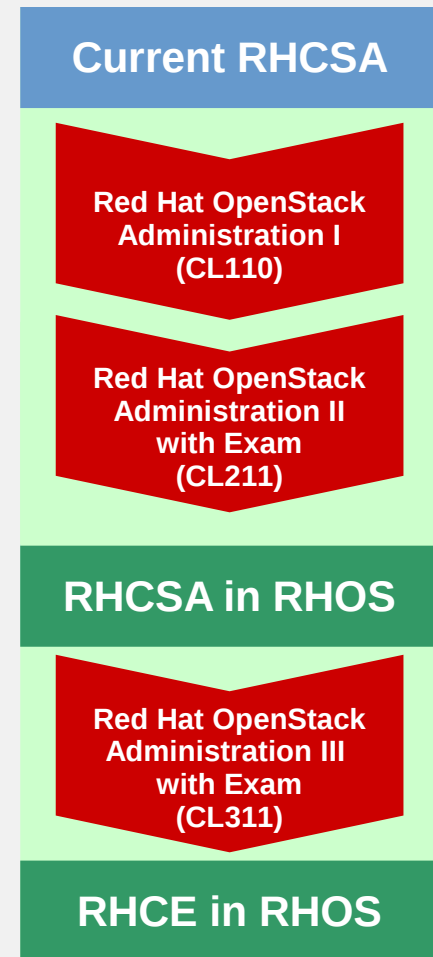
Training and certification path for OpenStack will be organized much like the familiar Linux training and certification path

## RHCSA in Red Hat OpenStack

- Demonstrates skills, knowledge, and abilities needed to manage private clouds using RHEL OpenStack Platform

## RHCE in Red Hat OpenStack

- Demonstrates possession of the additional skills, knowledge, and abilities needed to be a more senior administrator responsible for enterprise RHEL OpenStack platform deployments



# UPDATED OPENSTACK TRAINING

## **CL110: Red Hat OpenStack Administration I**

- Can demonstrate and use OpenStack with a simple proof-of-concept installation
- Focus on core OpenStack skills
- 4 days

## **CL210: Red Hat OpenStack Administration II**

- Move from a proof-of-concept to an installation integrating functions needed by the enterprise
- 4 days, with CL110 leads to RHCSA in Red Hat OpenStack exam

## **CL310: Red Hat OpenStack Administration III**

- Enable OpenStack administrators to scale out their OpenStack installation and integrate sophisticated storage and networking infrastructure
- 4 days, RHCE in Red Hat OpenStack exam



# OTHER RECENT COURSE UPDATES

## **RH436: Red Hat High Availability Clustering**

- Course and exam updated for RHEL 7.1 / Pacemaker

## **RH403: Red Hat Satellite 6 Administration**

- Updated for Satellite 6.1, added a day of new material on new topics including provisioning and configuration management

## **...and more to come**

- Updates for our Red Hat Enterprise Linux troubleshooting and diagnostics course, a new course on creating containerized applications, updates to our Red Hat Ceph Storage courses, and more in the works



# THANK YOU



[plus.google.com/+RedHat](https://plus.google.com/+RedHat)



[facebook.com/redhatinc](https://facebook.com/redhatinc)



[linkedin.com/company/red-hat](https://linkedin.com/company/red-hat)



[twitter.com/RedHatNews](https://twitter.com/RedHatNews)



[youtube.com/user/RedHatVideos](https://youtube.com/user/RedHatVideos)