Migrating from VMware to Red Hat Platforms [T3748C]

Fabien Dupont
Principal Software Engineer, Migration Engineering

Miguel Perez Colino
Solution Owner, Migration Solutions

Christian Jung
Principal Specialist Solution Architect

Nenad Peric
Sr. Software Engineer, Migration Engineering

Brett Thurber
Distinguished Engineer, Migration Engineering
Intros and Lab Overview
ORDERING AND EXERCISING THE LAB

- Order the lab here:
  - [https://www.opentlc.com/gg/gg.cgi?profile=generic_summit](https://www.opentlc.com/gg/gg.cgi?profile=generic_summit)
  - Choose **T3748C - Migrating from VMware to Red Hat Platforms**
  - Activation Key: *migrate*
  - Wait several minutes for the GUID to be provided
  - Follow the steps in the lab guide to completion
ORDERING AND EXERCISING THE LAB (con’t)

REQUEST LAB GUID

Please choose the lab code for this session, enter the activation key, and your e-mail address then click Submit.

Lab Code: T3748C - Migrating from VMware to Red Hat Platforms
Activation Key: 
E-Mail Address: 

All fields are required.
Lab Environment and Workflow (con’t)

Migrate a typical 3 layer JBoss EAP deployment

Three layer architecture

- Load Balancer: NGINX
- App Server: JBoss EAP
- Database: PostgreSQL
- App: Ticket Monster
Lab Environment and Workflow (con’t)

MIGRATION MANAGED FROM CLOUDFORMS
Using RHEL Hypervisors and OSP instances for Conversion

- vSphere
- CloudForms
- OSP
- Conversion Appliance
- Conversion Method VDDK
- RHV
- RHV H
- Conversion Host
- Conversion Method VDDK

App0
App1
LB
DB
Automated Migration
Using Infrastructure Mappings and Migration Plans

vSphere
CloudForms
Conversion
OSP
Instance
Conversion Appliance
Conversion Method VDKK
Conversion Host
Conversion Method VDKK
RBV
RBV H
App0
App1
DB
LB

Lab Environment and Workflow (con’t)
Lab Time!
Need to Knows

- SSH user to access the workstation VM: **lab-user**
- Password to access the infrastructure: **r3dh4t1!**
- Username for accessing VMware is **root**
- If the “lb” VM is not running in VMware, `ansible all -m ping` from the workstation VM will indicate the jboss and lb VMs as not reachable
  - SOLUTION - access the VMware environment and power on the “lb” VM OR on the workstation VM run “start_vms”
- When migrating the “db” VM using a .csv file, create the file manually on your desktop vs. trying to download a file from the link(s) in the lab guide
- **If you run into an issue please raise your hand for assistance**
Useability Feedback
Circle Back, Wrap-up/Q&A
FINAL TASK:

FILL IN EVALUATION FORM IN RED HAT SUMMIT APP, DO IT NOW!

Migrating from VMware to Red Hat Platforms [T3748C]

Fabien Dupont, Brett Thurber, Christian Jung, Nenad Peric, Miguel Perez Colino
THANK YOU

plus.google.com/+RedHat
linkedin.com/company/red-hat
youtube.com/user/RedHatVideos

facebook.com/redhatinc
twitter.com/redhat