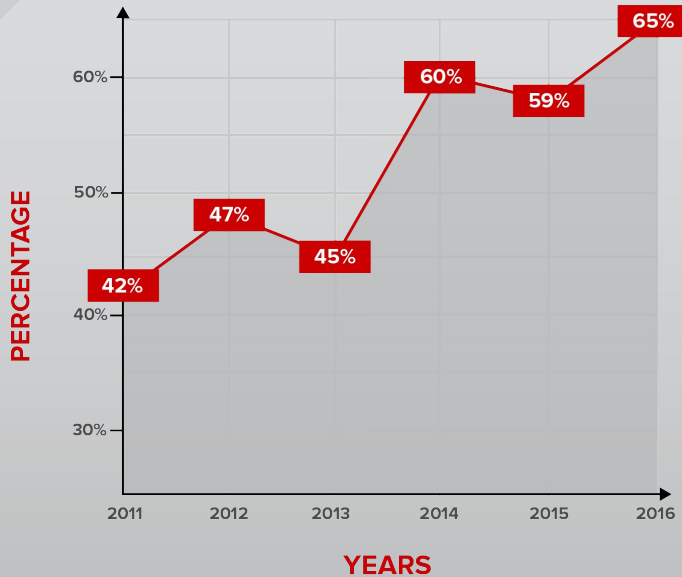


HOW TECHNICAL SKILLS ARE HELPING DIGITAL TRANSFORMATION

Suleman Aslam
Red Hat Training - Nordics
September, 2017

PORTION OF I.T. LEADERS REPORTING A TECHNOLOGY SKILLS SHORTAGE



Source: The 2016 Harvey Nash / KPMG CIO Survey

“People represent the single largest cost in typical private cloud implementation.”

- *The Stack*, March 2016

“Talent is now recognized globally as the single biggest issue standing in the way of CIO’s achieving their objectives.”

- *Gartner CIO Agenda*, March 2016

65% IT leaders report a skills shortage holding them back, up from 59% last year

ADDRESSING THE SKILLS GAP IN YOUR ORGANIZATION



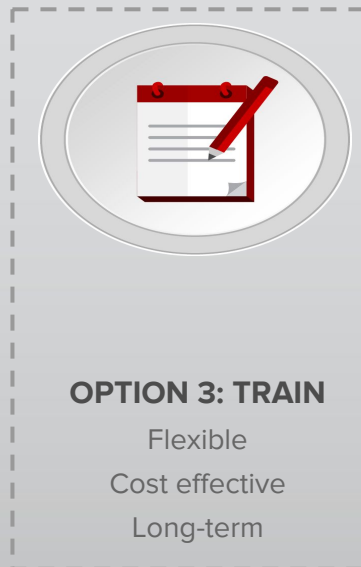
OPTION 1: HIRE

Time consuming
Expensive
Difficult



OPTION 2: CONTRACT

Quick
Expensive
Short-term



OPTION 3: TRAIN

Flexible
Cost effective
Long-term

*Training is **less expensive** than other alternatives when you consider the hidden costs of hiring, high turnover, low productivity, and employee disengagement*

RED HAT TRAINING + CERTIFICATION

Helps organizations and individuals succeed

ORGANIZATIONS

- **Speeds technology adoption** and maximizes your return on investment
- **Fuels innovation** by addressing organizational skills gaps
- **Improves productivity** by increasing the performance of teams and individuals

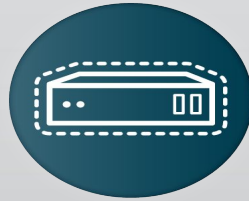
INDIVIDUALS

- **Improves on-the-job performance** by reducing mistakes and increasing efficiency
- **Reduces risk** of individuals not following established uses and practices
- **Decreases dependence** on support and other employees

Training in all Red Hat Technologies



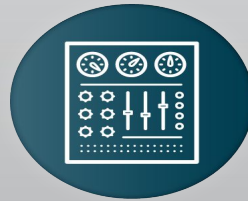
MIDDLEWARE



VIRTUALIZATION



CLOUD



**OPERATING
SYSTEM**



STORAGE

PREPARE YOUR STAFF FOR THE REAL WORLD

LAB-BASED LEARNING:

Hands-on, lab-based learning maximizes retention of skills



PRODUCT ECOSYSTEM:

Curriculum covering the entire Red Hat portfolio of products and translated in up to 9 languages

CERTIFIED INSTRUCTORS:

Certified instructors on 5 continents



HANDS-ON EXAMS:

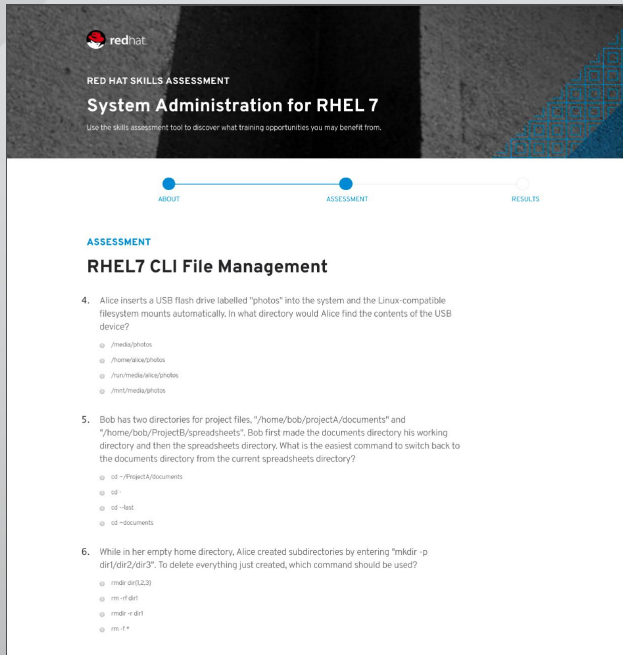
Hands-on certification exams measure true skills and knowledge.

91% of students say that their Red Hat IT projects are more likely to succeed after completing our training.*

96% of students say that they are better prepared now than before the class to maximize the value of their Red Hat technology investment..*

Red Hat, Skills Assessment

Learning based on your needs, not ours



redhat

RED HAT SKILLS ASSESSMENT

System Administration for RHEL 7

Use the skills assessment tool to discover what training opportunities you may benefit from.

ABOUT ASSESSMENT RESULTS

ASSESSMENT

RHEL7 CLI File Management

- Alice inserts a USB flash drive labelled "photos" into the system and the Linux-compatible filesystem mounts automatically. In what directory would Alice find the contents of the USB device?
 - `/media/photos`
 - `/home/alice/photos`
 - `/run/media/alice/photos`
 - `/mnt/media/photos`
- Bob has two directories for project files, `/home/bob/projectA/documents` and `/home/bob/ProjectB/spreadsheets`. Bob first made the documents directory his working directory and then the spreadsheets directory. What is the easiest command to switch back to the documents directory from the current spreadsheets directory?
 - `cd ~/ProjectA/documents`
 - `cd -`
 - `cd -fast`
 - `cd -documents`
- While in her empty home directory, Alice created subdirectories by entering `mkdir -p dir1/dir2/dir3`. To delete everything just created, which command should be used?
 - `rmdir dir1,2,3`
 - `rm -rf dir1`
 - `rmdir -r dir1`
 - `rm -rf *`

- **No-cost assessments** for individuals and groups
- **Covers the Red Hat Training** portfolio
- **Identifies strengths** and areas for improvement
- **Provides personalized recommendations**
- **Helps IT professionals** focus on what they need to learn

10 SKILLS ASSESSMENTS AVAILABLE

Automation with Ansible Get started >	Configuration Management with Puppet Get started >	JBoss Administration Get started >
OpenShift Enterprise Administration Get started >	OpenShift Enterprise Development Get started >	Red Hat Enterprise Linux Diagnostics and Troubleshooting Get started >
Red Hat Gluster Storage Administration Get started >	Red Hat OpenStack Platform Administration Get started >	Red Hat Satellite 6 Administration Get started >
System Administration for RHEL 7 Get started >		

SKILLS ASSESSMENT – Individual or Group



RED HAT TRAINING

Skills assessment

Use the skills assessment tool to discover what training opportunities you may benefit from.



TRAINING SKILLS ASSESSMENT

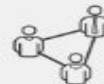
Find the path to success for you or your team



Individual Skills Assessments

Assess your skills by role or product and receive personalized training recommendations.

[SELECT ASSESSMENT](#)



Group Skills Assessment

Identify the skills gaps within your team and receive detailed reporting and training recommendations.

[ASSESS YOUR TEAM](#)

GROUP SKILLS-ASSESSMENT

Step 1: "Team Manager" needs to request a group skills assessment by filling this form:

<https://www.redhat.com/rhtapps/assessment/group>

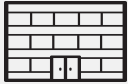
Step 2: Than choose the Skills Assessment they want to take (Ansible, RHEL, Openstack), and enter all the participant's emails.

Each participant will receive the chosen Skills Assessment link and need to take it.

Step 3: When all the participants are done with the individual Skills Assessment, the tool will combine the individual results into a team wide report and this report will be sent to the team manager.

You can test the tool with your own data just to see how process works.

MULTIPLE WAYS TO LEARN TO FIT DIFFERENT LEARNING STYLES



CUSTOMER ON-SITE TRAINING

Private, on-site training and exams delivered at your location, at one of our training centers, or online.



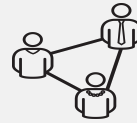
RED HAT LEARNING SUBSCRIPTION

One year of access to all of our online learning content (more than 45 courses), high-definition (HD) video courses on select titles, and up to 400 hours of lab time, all from a single service at a low price.



OPEN ENROLLMENT TRAINING

Train and test in a professional classroom environment led by Red Hat certified instructors.



VIRTUAL TRAINING (LIVE)

Live, instructor-led online training with the same high-quality, hands-on labs you'd find in our classrooms.



VIDEO CLASSROOM (PRE-RECORDED)

Interactive “in-classroom” access to Red Hat’s most popular courses, presented by experienced instructors, and recorded in high definition (HD) video.



ONLINE LEARNING

90 days of access to course content and up to 80 hours of hands-on labs—all available online, at your pace, and on your schedule.



INDIVIDUAL EXAMS (VIRTUAL)

Schedule to take an exam at select locations and pick the date and time that work best for you.

<http://www.redhat.com/en/services/training/ways-to-train>

CONTINUOUS LEARNING WITH RED HAT LEARNING SUBSCRIPTION

Maximize your training budget and retention

24/7 learning access

Immediate access to new courses

400 hours of lab time

All 45+ online courses added

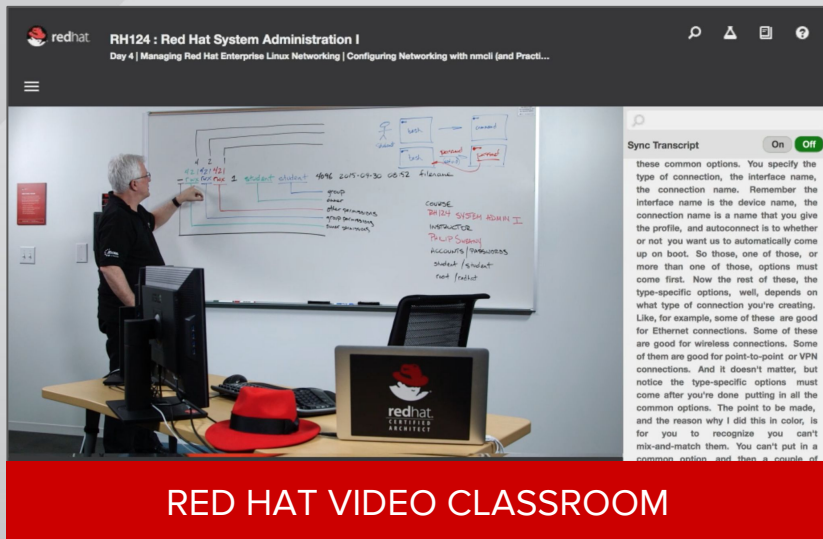
Continuous learning at continuous
value

Exams included (Standard option)

“Continuous learning inspires innovation. Keeping the skills of our IT team up-to-date and providing them with the right training is essential. By equipping the team with high-level technical competency and knowledge of best practices, we are able to innovate and consistently deliver high quality solutions to our customers.”

- Anurag Sindhwani, Vice President and Head of Technology and Architecture, Xchanging Malaysia SDN BHD

PUSHING THE ENVELOPE OF INNOVATION LEARNING



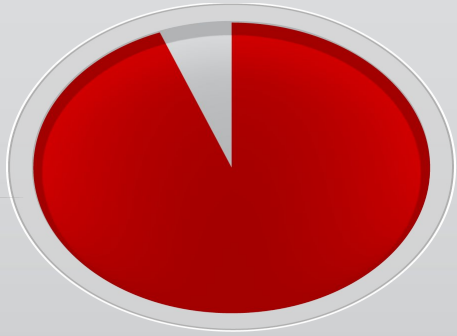
RED HAT VIDEO CLASSROOM

LEVERAGING VIDEO TO MAKE LEARNING EASIER

- **HD-video** provides immersive BYOD experience
- **Presented by experienced instructors**
- **Streaming videos** with downloadable eBook containing full course content
- **Extensive search functionality** allows for on-the-job and just-in-time learning

ASSESS, TRAIN, **VALIDATE**

Ensure a return on your training investment



93% of Red Hat Certified Professionals agree that Red Hat's hands-on testing provides better measures of skills and knowledge

- 2015 Red Hat Certification Study

RED HAT CERTIFICATIONS ARE BEST OF INDUSTRY

- > **100% performance-based** exams for students
- > **Strict security** ensures legitimacy of results
- > **Flexible testing options** allows for convenience in validating employee skills
- > **Online verification system** for certification

Red Hat Certification Levels

RHCSA

Red Hat Certified System Administrator

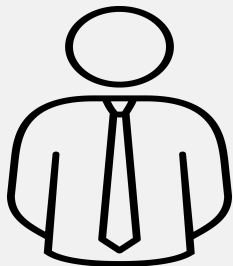
RHCE

Red Hat Certified Engineer

RHCA

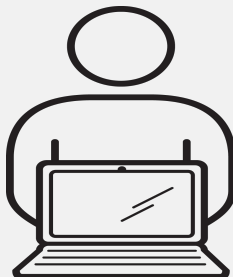
Red Hat Certified Architect

THE VALUE OF RED HAT CERTIFICATION



EMPLOYERS VALUE

- An efficient way to identify people with the skills they need
- A way to mitigate risks associated with new projects and technologies
- A way to develop and retain a high-performing team by benchmarking skills



IT PROFESSIONALS VALUE

- A way to differentiate themselves
- A way to verify their own skills and knowledge
- A way to demonstrate readiness for new responsibilities

All Red Hat certifications and Certificates of Expertise are earned by passing one or more hands-on, practical exams using Red Hat technologies.

PROVEN BUSINESS IMPACT

95%

Students report that they are better **prepared** after class to maximize the value of Red Hat products

92%

Students report more successful IT projects involving Red Hat technologies after training

92%

Students are able to work more **independently and rely less** on co-workers after taking Red Hat training

*“Red Hat Training and Certification has helped us **achieve greater integration** with Red Hat open source community **products to create innovative solutions** for our customers.”*

- Apasi Valminen, Chief Software Architect, ID, R&D Comptel Communications

Red Hat NO-COST Trainings

- Red Hat Linux Technical Overview
- Red Hat OpenStack Technical Overview
- Ansible Essentials: Simplicity in Automation Technical Overview
- Deploying Containerized Application Technical Overview
- Developing Cloud Native Applications with Microservices Architecture



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