



NA Training Partner Conference

Virtual experience | 7-9 Sept, 2021

 **Open** collaboration,
learning **anywhere** 

The text "Open collaboration, learning anywhere" is displayed in a bold, black, sans-serif font. To the left of the text is a teal icon depicting two stylized human figures within a circular arc. To the right of the text is a teal sunburst icon consisting of several short lines radiating from a central point.



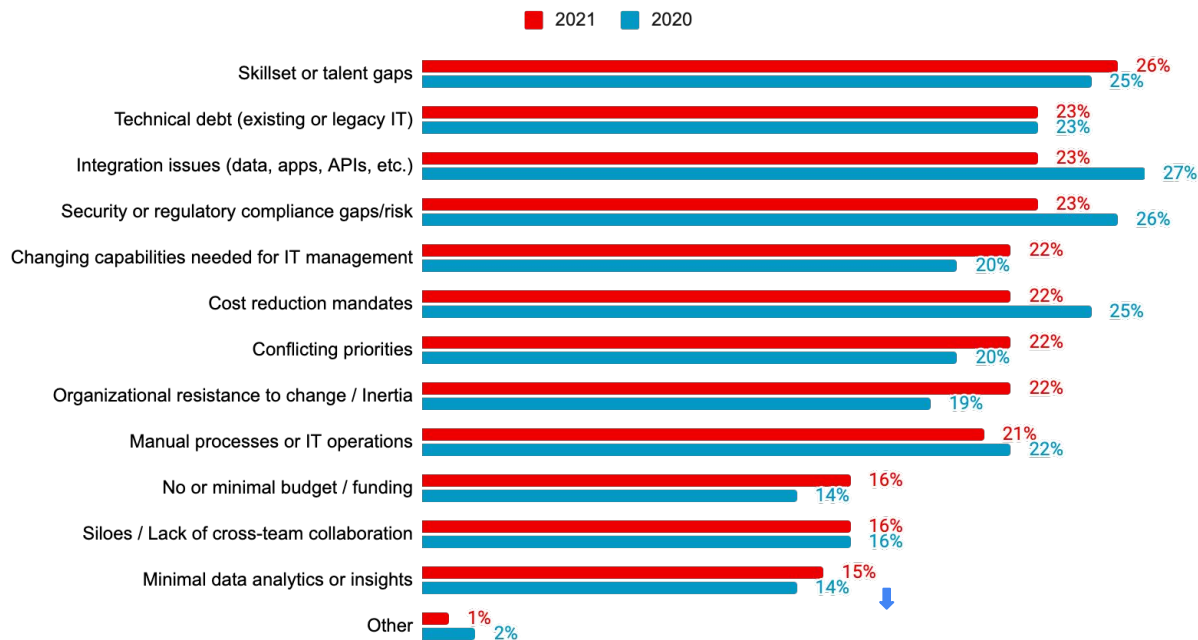
Curriculum Roadmap

Accelerating to meet Red Hat product growth and customer challenges

Randy Russell
Director, Certification

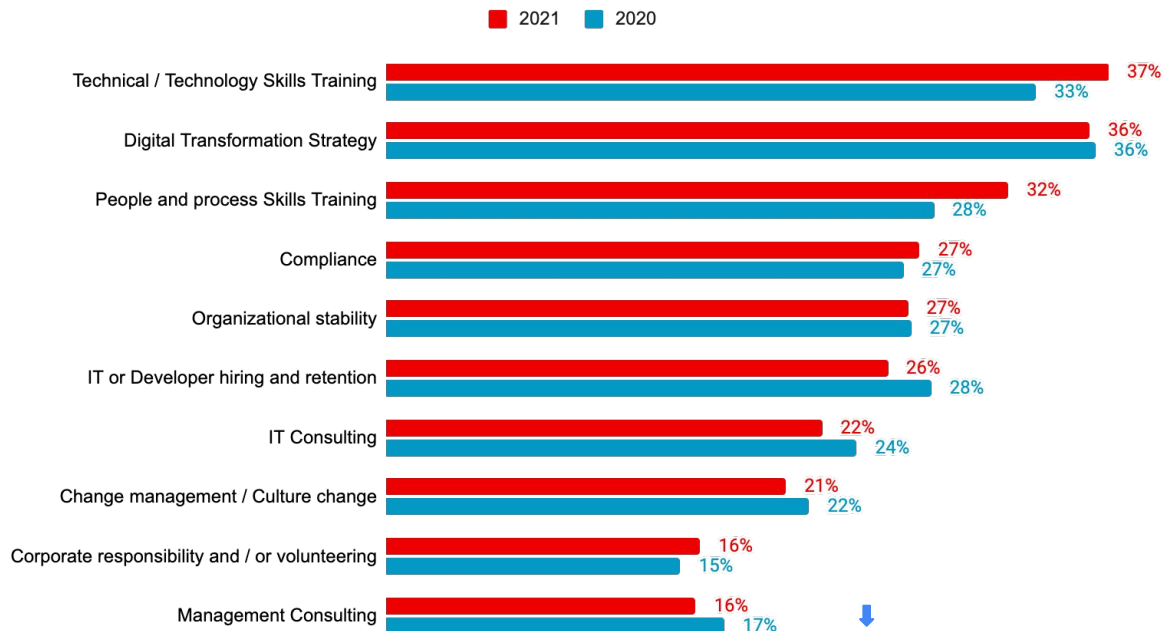
Skillset or talent gaps are the top barrier to digital transformation

2022 Global Tech Outlook, a Red Hat Report



Technical/technology skills training takes top priority for 2022.

There was a significant increase in people and process skills training compared to the previous year.



Training & Certification Offerings

Product Aligned Training

Large existing portfolio of training aligned to Red Hat software

Red Hat Enterprise Linux (RHEL)

Core system administration, automation using Ansible, performance tuning, troubleshooting, HA clustering, security, etc.

Red Hat OpenShift

OpenShift for admins and devs, OpenShift Data Foundation, OpenShift Virtualization, Advanced Cluster Management, Advanced Cluster Security, Service Mesh

Ansible Automation Platform

Ansible Automation Platform, Ansible for Windows, Ansible Networking, Ansible best practices

Middleware

Runtimes (Quarkus & JBoss EAP), Integration (Fuse, 3scale, & Kafka), Process Automation (PAM & DM)

Red Hat Learning Subscription

Self-Paced and Virtual Training platform delivery

Transformational Training

Business & Culture aimed at changing organizations.

Open Practices for your DevOps Journey (TL250)

3 days

Introduction and reference guide to the Open Practice Library

DevOps Culture & Practice Experience (TL500)

5 days

Immersive experience using DevOps & GitOps simulating a mock example to create a software MVP from start to finish.

**Coming
Soon!**

Introduction to Pragmatic Site Reliability Engineering (TL112)

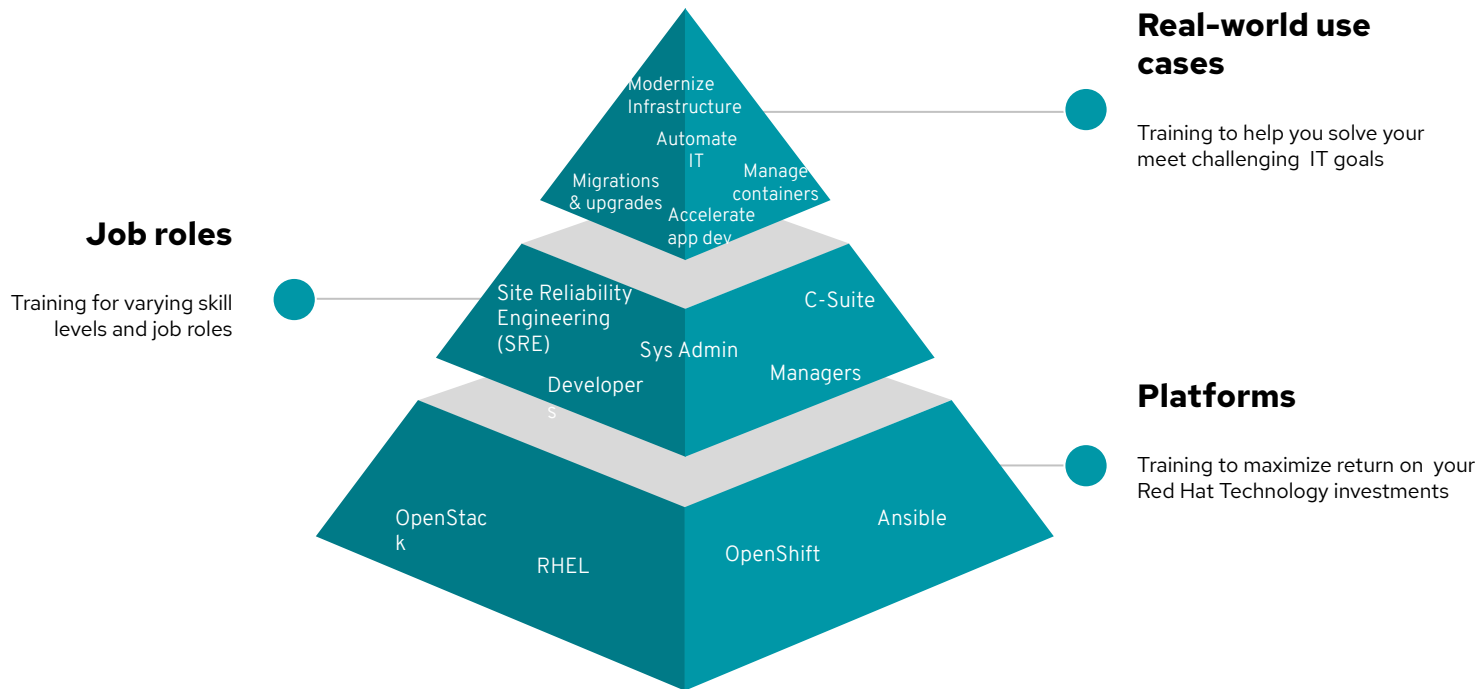
Introduction to the concepts and fundamentals of the Site Reliability Engineering implementation of DevOps.

Red Hat DevOps Pipelines and Processes (TL400)

4 days

CI/CD with Jenkins, Git, and Test Driven Development.

Skill paths for every skill level and IT challenge



Benefits of Red Hat Training & Certification:

- Breadth of courses
- Real world use cases
- Access to engineering, support, consulting
- Learn from experienced practitioners
- Localization with global consistency
- Quality and consistency
- Skills validation

Over 50 full length courses, 200 days worth of content

Training & Certification Personas

Skill paths for varying job roles and skill levels

App Developer



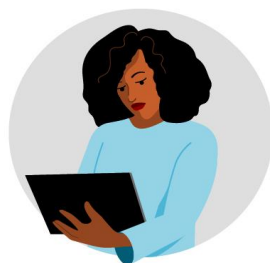
Developing solutions that are widely used

SvsAdmin & IT Ops



Solving challenges with new technologies and improving the lives of others

Automation architects Site Reliability Engineer

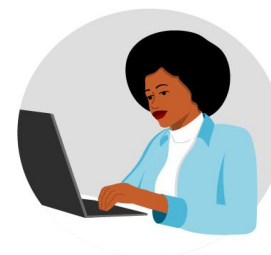


Figuring out creative automation solutions



Bringing software engineering practices to IT operations

IT Leader



Improving employee experience and customer experience

Red Hat Training Curriculum Practices

Hybrid Cloud

RHEL, OpenStack, and
Ceph

26 active courses
88 days

10 developers
(7 in 2020)

DevOps

OpenShift, SRE, and
Transformational Learning

13 active courses
52 days

15 developers
(9 in 2020)

Automation

Ansible Automation

7 active courses
20 days

7 developers
(New Practice!)

App Dev

Cloud Native Developers,
Microservices, and
Middleware

24 active courses
78 days

11 developers
(7 in 2020)

Content Services

Instructional Design, Editing, Translations, Project Management

14 professionals
(7 in 2020)

Hybrid Cloud Curriculum



- ▶ **Expanding use cases** for Linux containers and distributed architectures.
- ▶ **Red Hat Enterprise Linux 9** update starting with RHCSA track in early 2022.
 - New Features, Admin I, Admin II, RHCSA Rapid Track
 - With new technologies and use cases, but not as dramatic as RHEL 8
 - RHCA course updates to follow in 2022, including Linux Security, Identity Management, Performance Tuning
- ▶ **New courses** being evaluated
 - Linux Fundamentals, Cybersecurity, SAP Technologies.



DevOps Curriculum



- ▶ **Core administration track** aligns with the Extended Update Support (EUS) release of Red Hat OpenShift
- ▶ **Curriculum expansion** with five new advanced offerings based on:
 - Customer scenarios such as installation & migration
 - Red Hat operators such as OpenShift Virtualization, OpenShift Data Foundation, Advanced Cluster Management
- ▶ **Recommended practices** from the field, such as automation and **GitOps**, leading to the new **Transformational Learning** curriculum and **SRE** training

DO370
OpenShift Data
Foundation

**Coming
Soon!**

DO316
OpenShift
Virtualization

**Coming
Soon!**

DO480
OpenShift Plus
ACM, ACS, Quay

**Coming
Soon!**

TL112
Introduction to
SRE

**Coming
Soon!**

App Developer Curriculum



- ▶ Aligned courses with **OpenShift 4.6** EUS release
- ▶ Expanding **Cloud Native Developer** track
 - Modern best practices with Git, CI/CD, TDD
 - Event-Driven Applications with Apache Kafka
 - Cloud Native Application Architecture (2022)
- ▶ Adopting **Bring Your Own Developer Workstation** platform model

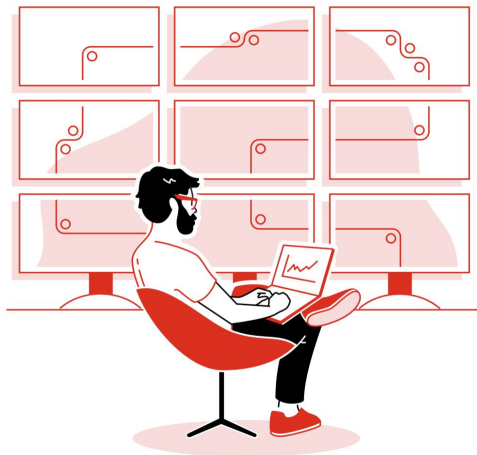
DO100
Intro to Kubernetes
Applications

**Coming
Soon!**

AD482
Event-Driven
Applications with
Apache Kafka

**Coming
Soon!**

Automation Curriculum



- ▶ **Updates to the Red Hat Certified Engineer** course
 - Updated to current version of the Ansible Automation Platform
 - Future version planned for RHEL 9
- ▶ New and updated courses for **Ansible Automation Platform 2**
- ▶ **Expanding** automation curriculum (2022)



DO374
Developing Advanced
Automation

**Coming
Soon!**

DO467
Managing Enterprise
Automation

**Coming
Soon!**

Evolving curriculum for emerging technology and trends

Where are we headed?



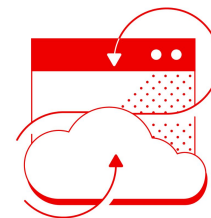
Edge

Companies are adopting edge strategies to deliver faster, more reliable services with the flexibility of hybrid cloud computing.



Managed Cloud

Managed cloud services shifts skills from maintaining infrastructure to building and scaling strategic business applications.



Site Reliability Engineering

IT organizations are breaking down silos between operations and development teams to scale and automate processes.

Thank you!

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.



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