



NA Training Partner Conference

Virtual experience | 8-10 Sept, 2021





Curriculum Update 2021



The 3 R's : Releases, Retired, Roadmap

Chris Tusa, James Mighion, Joel Birchler

Practice Managers (Red Hat Training Curriculum)

Agenda:

- ▶ Curriculum Team 2021
- ▶ Hybrid Cloud Practice
- ▶ DevOps Practice
- ▶ Automation Practice
- ▶ Application Developer Practice

2021 Curriculum Team Changes

- Joel Birchler replaced Doug Weatherbee to manager the AppDev Practice
- Chris Tusa promoted to director over Hybrid Cloud, DevOps, and a new Automation Practice
- James Mighion promoted to manager of new Automation Practice
- Ravi Srinivasan promoted as additional Curriculum Architect in the AppDev Practice
- Team growth to 45 Curriculum Developers, 4 DLE's, 5 Architects +
- Content Services added a senior instructional designer, technical editor, agile project manager and graphics designer in the first half of 2021 to support growth and publishing OPEN content

Red Hat Training Curriculum Practices

Chris Tusa, Director

Hybrid Cloud

Chris Tusa, Director
Phil Sweany, Architect

RHEL, OpenStack, and Ceph

26 active courses
88 days

10 developers
(7 in 2020)

DevOps

Jonika Shank, Manager
Fernando Lozano, Architect

OpenShift, SRE, and
Transformational Learning

13 active courses
52 days

15 developers
(9 in 2020)

Automation

James Mighion, Manager
Steve Bonneville, Architect

Ansible Automation

7 active courses
20 days

7 developers
(New Practice!)

App Dev

Joel Birchler, Manager
Zach Gutterman, Architect
Ravi Srinivasan, Architect

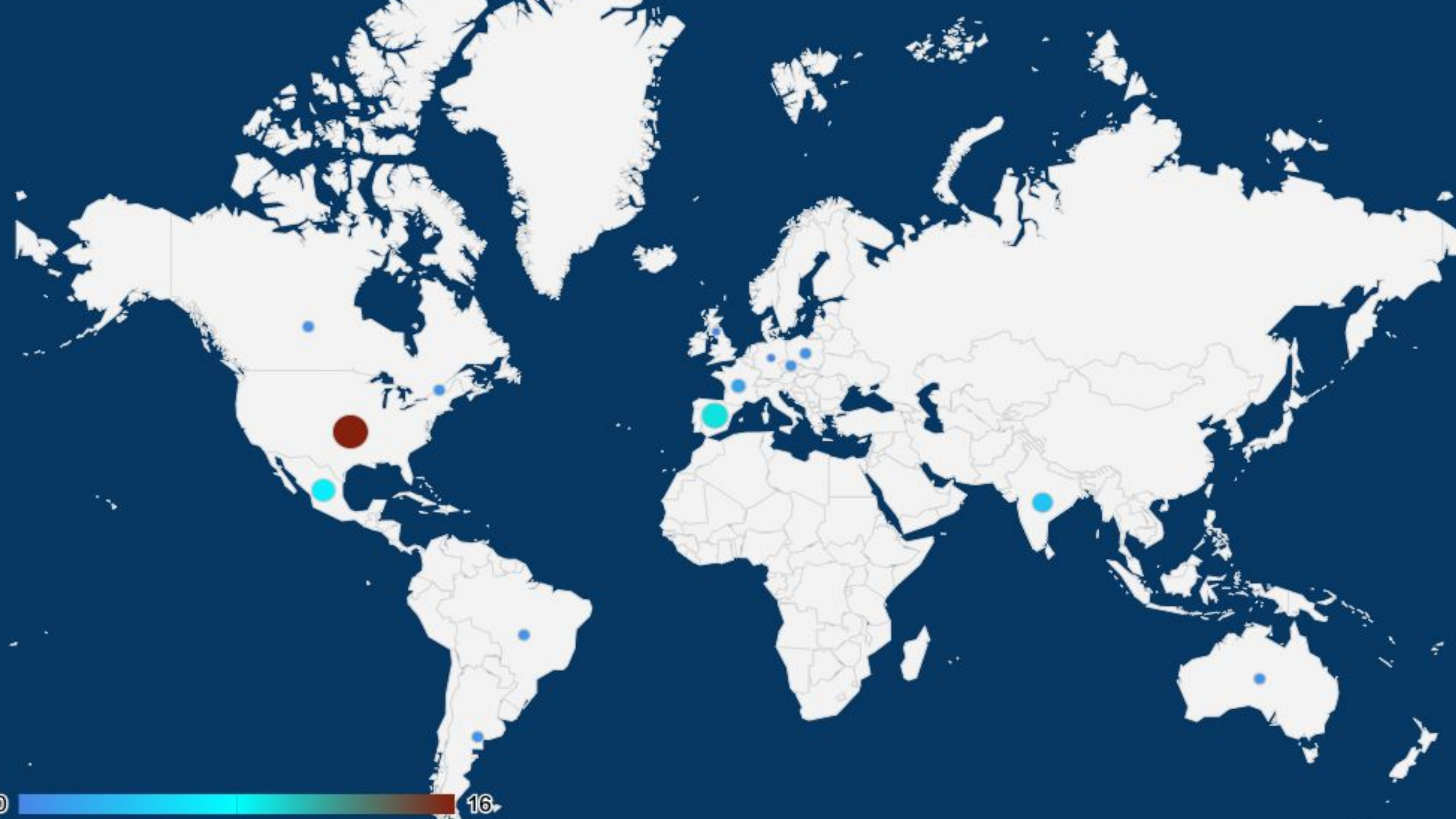
Cloud Native Developers,
Microservices, and Middleware

24 active courses
78 days

11 developers
(7 in 2020)

Content Services

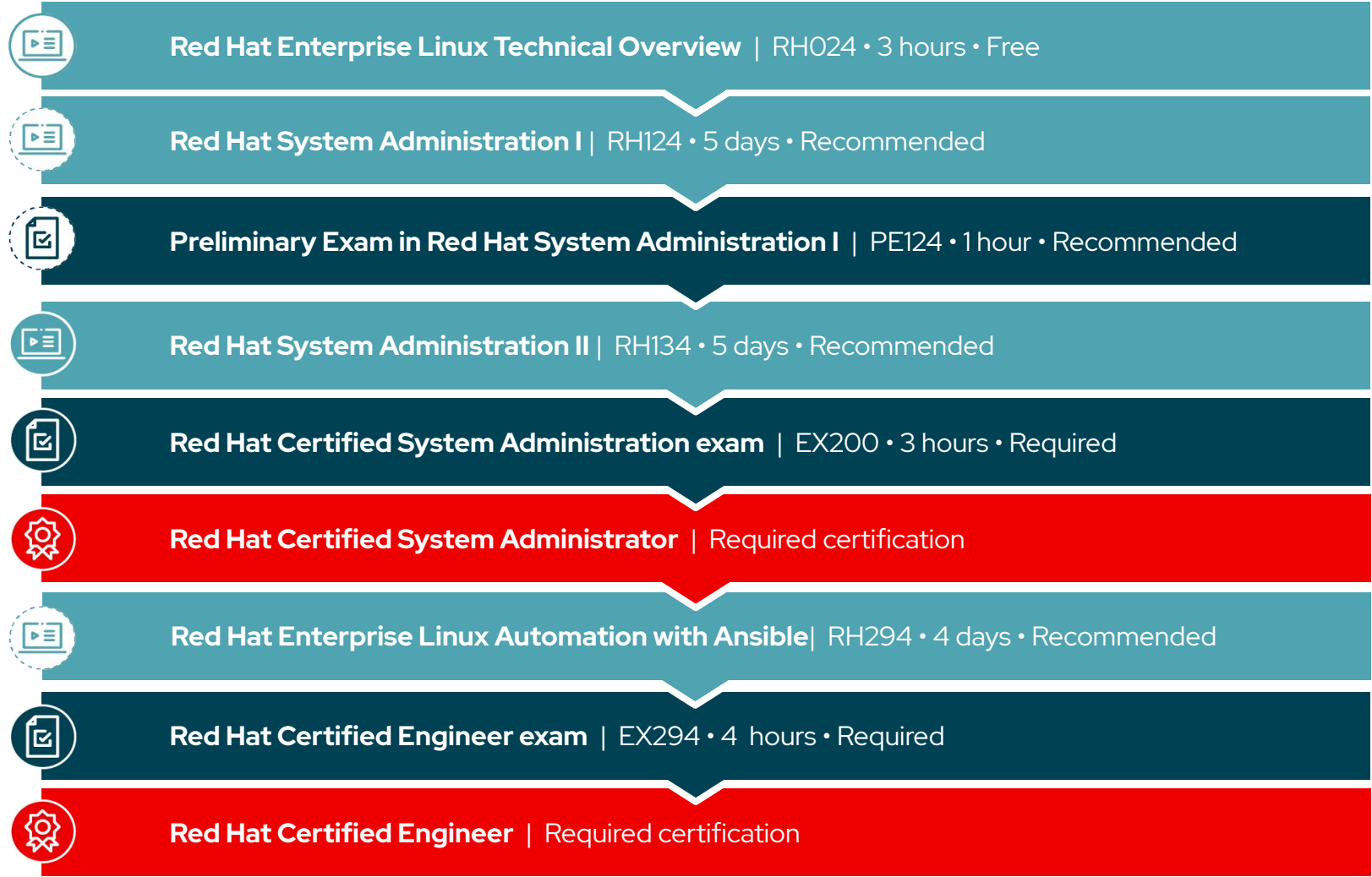
Pat Sharp, Senior Manager





Hybrid Cloud Portfolio

- Red Hat Enterprise Linux
- Red Hat Satellite
- Red Hat Ceph Storage
- Red Hat OpenStack Platform



 Certification

 Course

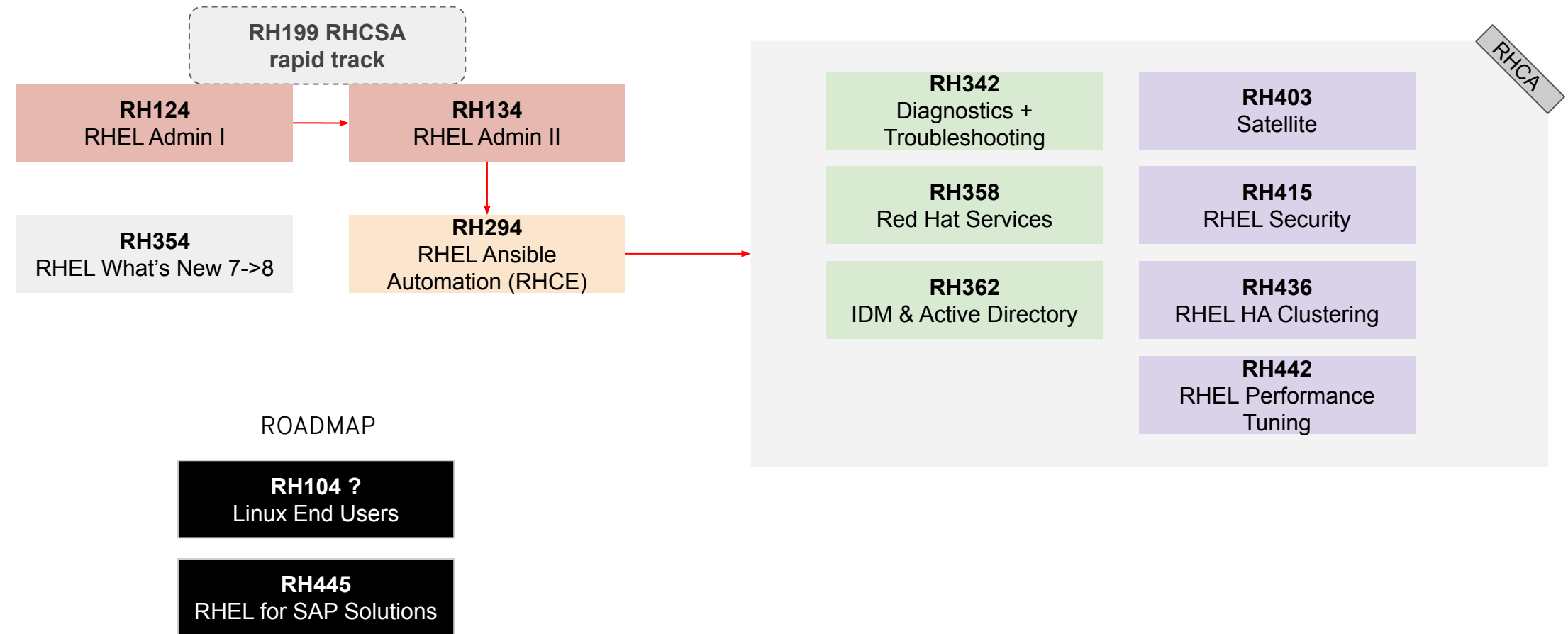
 Exam

 Required

 Free

 Recommended

Linux Course Flow Chart



2021 Releases

SKU	Course	
CL110	OpenStack Admin I	Update to OSP 16.1
CL210	OpenStack Admin II	
CL260	Cloud Storage with Ceph 4.2	Replaced CEPH125 Ceph 3
RH436	RHEL HA Clustering & GFS	Update to RHEL 8.3

Life Cycle Changes

CL310	OpenStack Networking & NFV	Retired
RH318	Virtualization	Last release, not retired, but eventually supplanted by OCP-Virt

2021 Roadmap

SKU	Course	
RH342	RHEL Troubleshooting	Update to RHEL 8.4
CL260	Cloud Storage with Ceph 5.0	Update to RHCS 5.0
RH403	Red Hat Satellite	Update to RHSS 6.10

2022 Roadmap

RH124	RHEL Administration I	Update to RHEL 9
RH134	RHEL Administration II	
RH199	RHCSA Rapid Track	
RH354	RHEL 9 New Features	
RH362	Red Hat Identity Management	Update to RHEL 9
RH415	RHEL Security	
RH442	Red Hat Performance	



DevOps Portfolio

- Red Hat OpenShift
- Red Hat OpenShift Data Foundation
- Red Hat OpenShift Virtualization
- Red Hat Advanced Cluster Management
- Red Hat Advanced Cluster Security
- Red Hat Quay

Skills path for Red Hat Certified Specialist in OpenShift Administration



Red Hat Certified System Administrator | Required certification



Deploying Containerized Applications Technical Overview | DO080 • 2 hours • Free



Red Hat OpenShift I: Containers & Kubernetes | DO180 • 3 days • Recommended



Red Hat Certified Specialist in Containers and Kubernetes exam | EX180 • 2 hours • Recommended



Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster | DO280 • 3 days • Recommended



Red Hat Certified Specialist in OpenShift Administration | EX280 • 3 hours • Required

Advanced OpenShift administration skills



Red Hat OpenShift Installation Lab
DO322 • 2 days



Red Hat OpenShift Migration Lab
DO326 • 2 days



Red Hat OpenShift Administration III: Scaling Kubernetes Deployments in the Enterprise | DO380 • 4 days



Certification



Course



Exam



Required

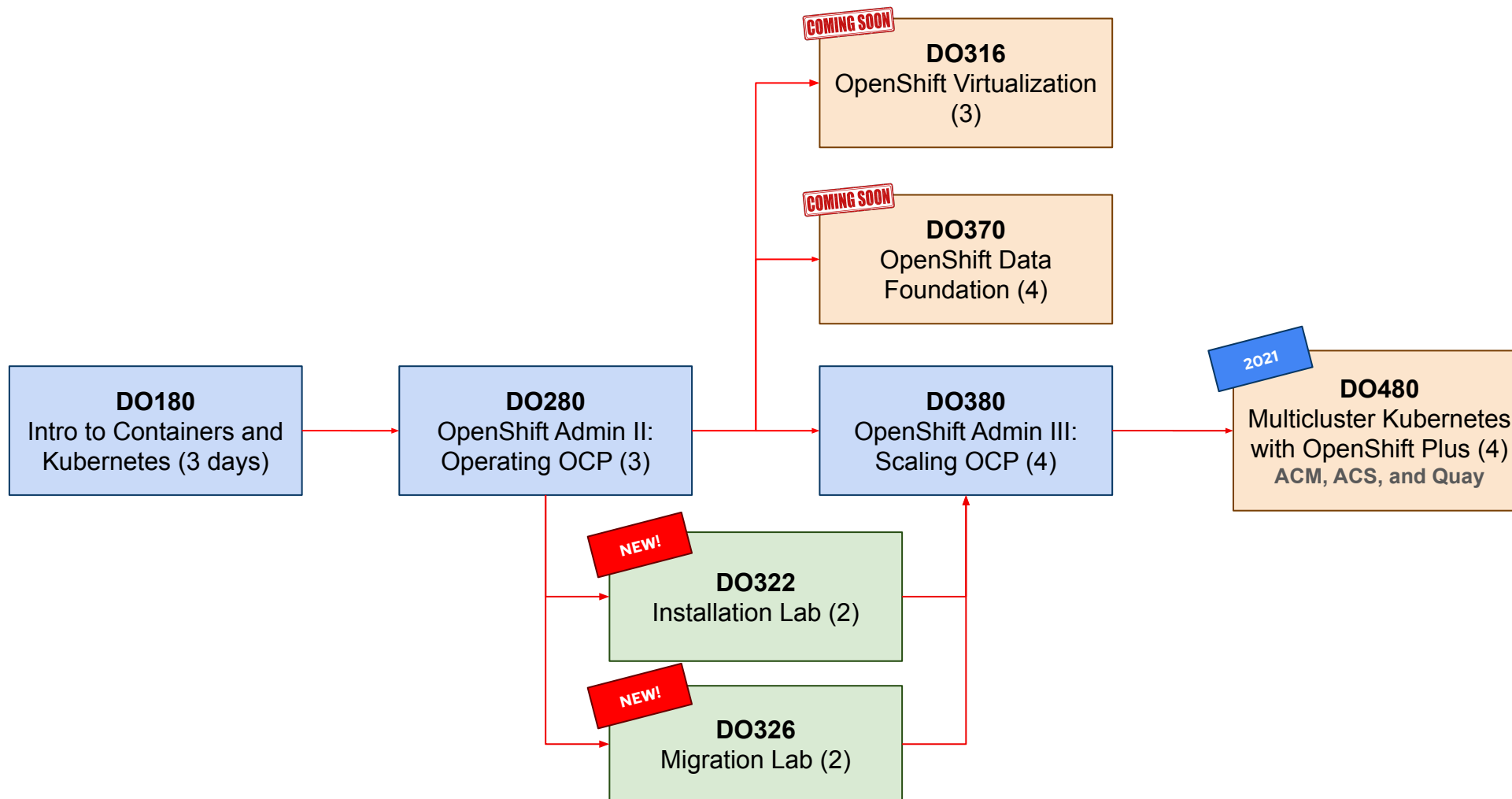


Free

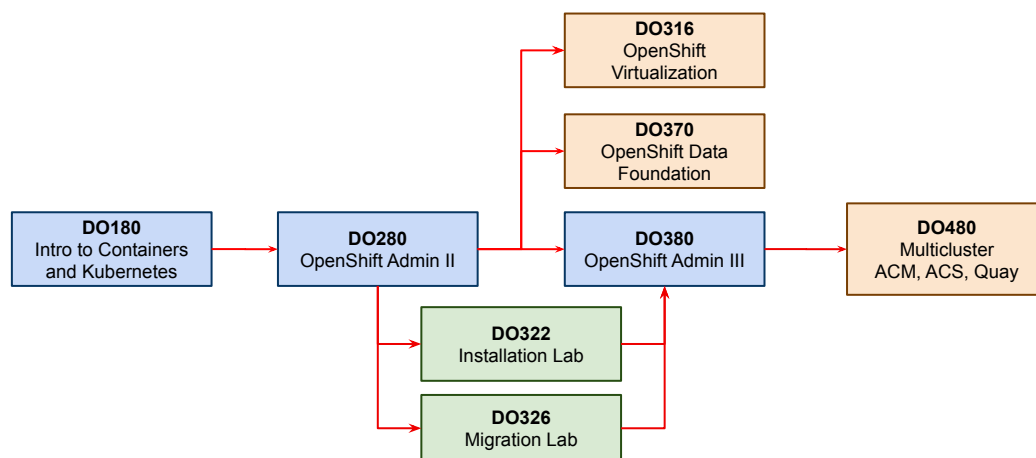


Recommended

OpenShift Administration Track



Thumbnail for other slides



2021 Releases

SKU	Course	
DO180	OpenShift I v4.6	Version update
DO280	OpenShift Admin II v4.6	Version update
DO322	OpenShift Install Lab v4.6	NEW
DO326	OpenShift Migration Lab v4.6	NEW
DO370	OpenShift Data Foundations (container storage) v4.7	NEW
DO250	Open Practices for your DevOps Journey	NEW

2021 Roadmap

SKU	Course	
DO380	Container Security	Version update
DO316	OpenShift Virtualization v4.8	NEW
DO480	MultiCluster Management with OpenShift Plus: ACM, ACS, Quay v4.8	NEW

2021 Retirements

SKU	Course	
DO425	Container Security	Retired



Application Developer Portfolio

- Red Hat OpenShift (for Developers)
- Runtimes
- Integration
- Business Process Automation

Skills path for Red Hat Certified Specialist in OpenShift Application Development



Red Hat Certified System Administrator | Required certification



Deploying Containerized Applications Technical Overview | DO080 • 2 hours • Free



Red Hat OpenShift I: Containers & Kubernetes | DO180 • 3 days • Recommended



Red Hat Certified Specialist in Containers and Kubernetes exam | EX180 • 2 hours • Recommended



Red Hat OpenShift Development II: Containerizing Applications | DO288 • 4 days • Recommended



Red Hat Certified Specialist in OpenShift Application Development exam | EX288 • 3 hours • Required



Red Hat Cloud-native Microservices Development with Quarkus | DO378 • 4 days • Recommended



Red Hat Certified Cloud-native Developer exam, coming soon | EX378 • 3 hours • Required



Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh | DO328 • 4 days • Recommended



Certification



Course



Exam



Required

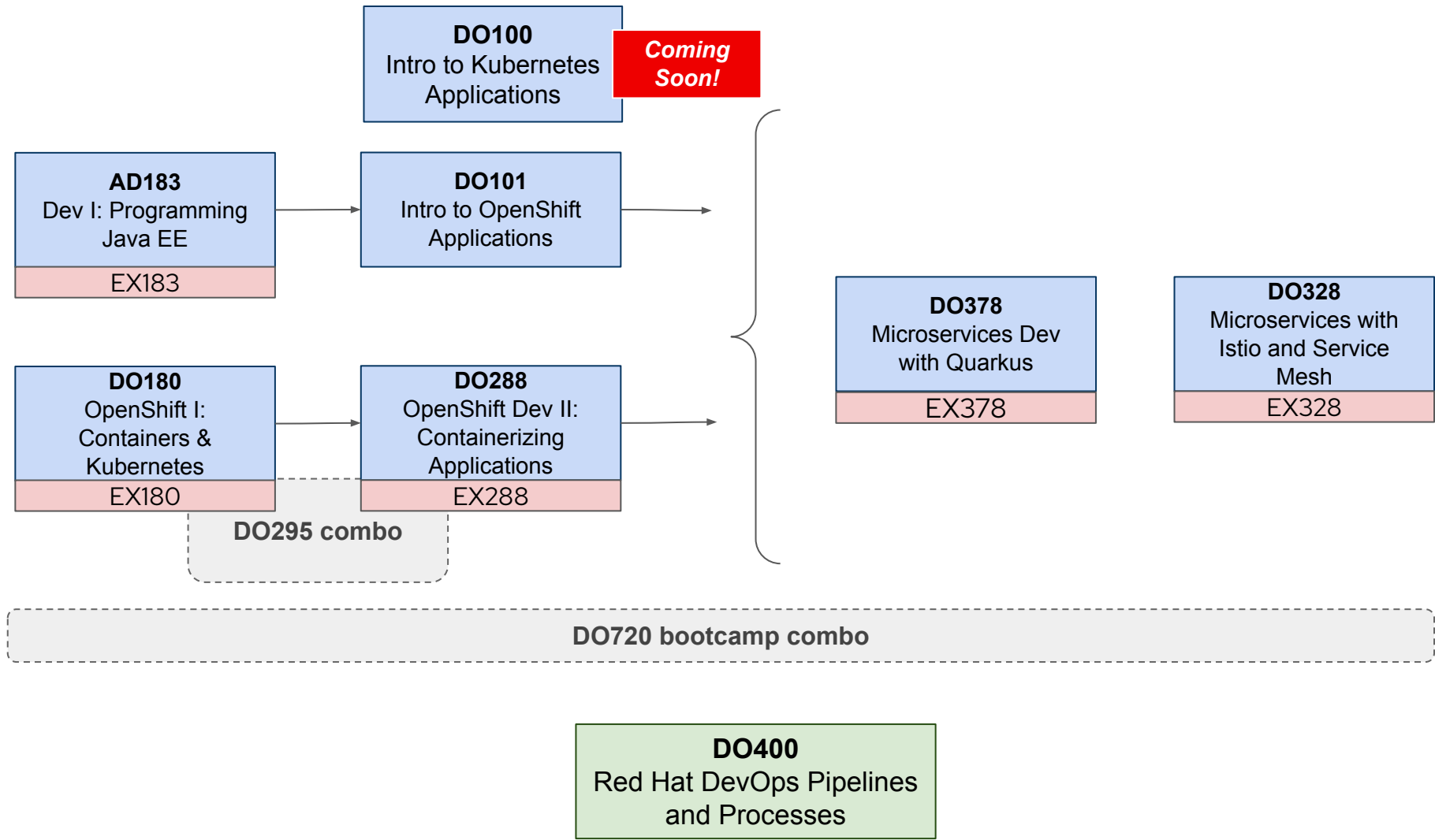


Free



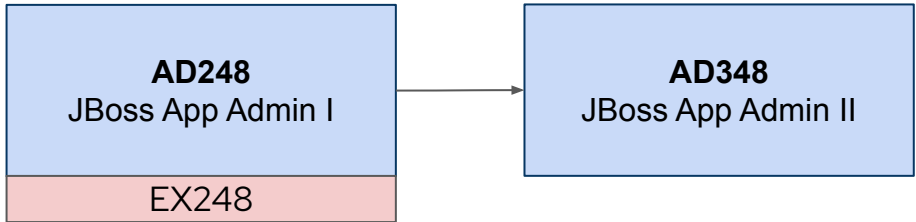
Recommended

OpenShift Developer Track



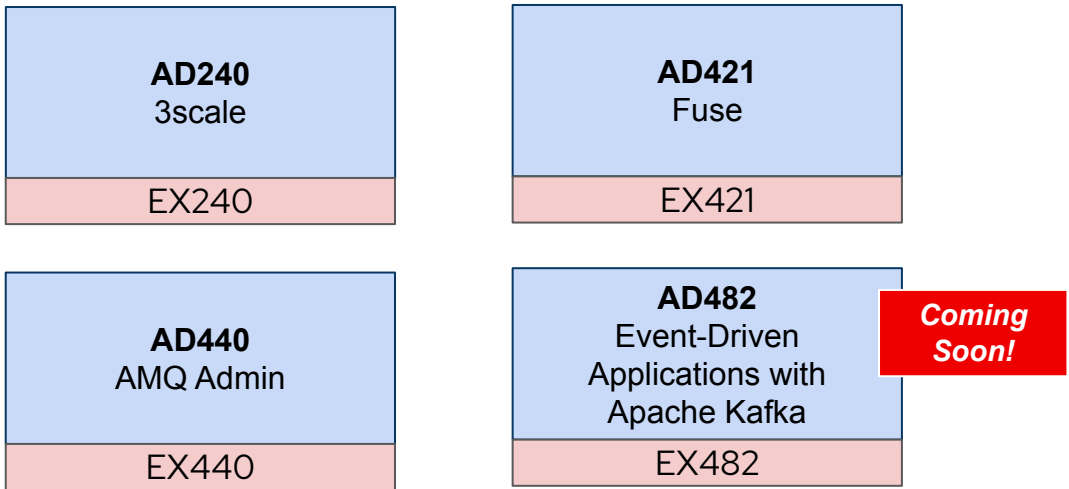
Application Services

Runtimes

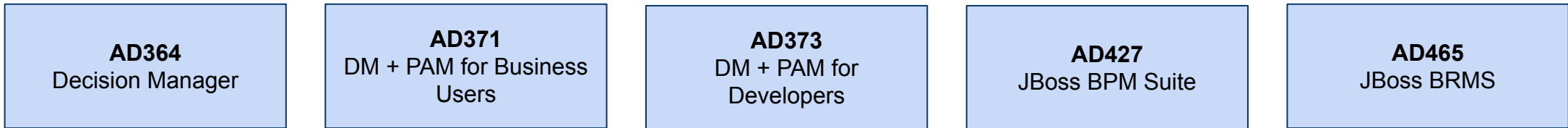


+ Quarkus in the OCP track

Integration

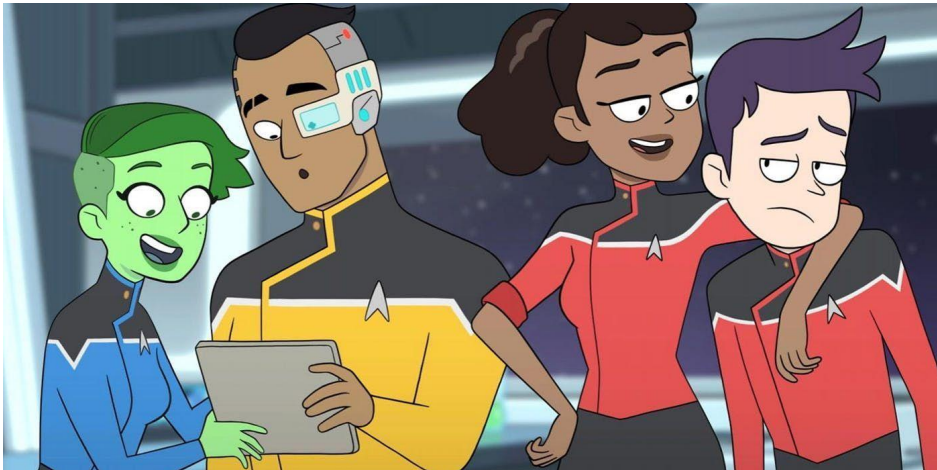


Process Automation



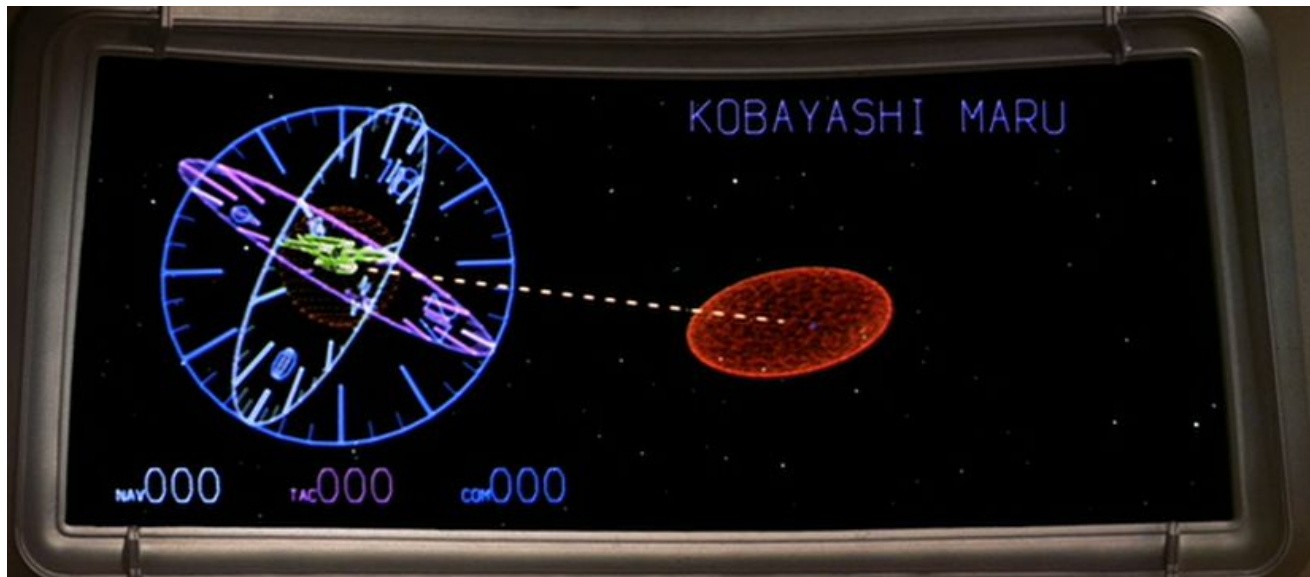
2021 Releases

SKU	Course	
DO400	Red Hat DevOps Pipelines and Processes: CI/CD with Jenkins, Git, and Test Driven Development	NEW!
AD364	Developing Application Business Rules with Red Hat Decision Manager	NEW!
DO288	Red Hat OpenShift Development II: Containerizing Applications	Version update
DO328	Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh	Version update
DO101	Introduction to OpenShift Applications	Version update



2021 Roadmap

SKU	Course	
DO378	Red Hat Application Development II: Building Microservices with Quarkus	Version update
AD482	Developing Event-Driven Applications with Apache Kafka and Red Hat AMQ Streams	NEW
DO100	Introduction to Kubernetes Applications	NEW (Free on KubeByExample.com)
AD221	Cloud-native Integration with Red Hat Fuse	Version update, 3-day (note SKU change)



2022

- Application Services (eg. 3scale)
- Cloud Native Application Architecture
- OpenShift updates

2021 Retirements

SKU	Course	
DO292	Red Hat OpenShift Development II: Creating Microservices with Red Hat OpenShift Application Runtimes	Retired
DO283	Red Hat Application Development II: Implementing Microservice Architectures	Retires in October
AD465	Implementing with Red Hat JBoss BRMS	Retired





Automation Practice

- Red Hat Ansible Automation Platform
- Red Hat Enterprise Linux Automation

Skills Paths



Skills Paths

Automation skills path for Windows administrators



Microsoft Windows Automation
with Red Hat Ansible
DO417 • 5 days • Recommended

Automation skills path for Network administrators



Red Hat System Administration I
RH124 • 5 days • Recommended

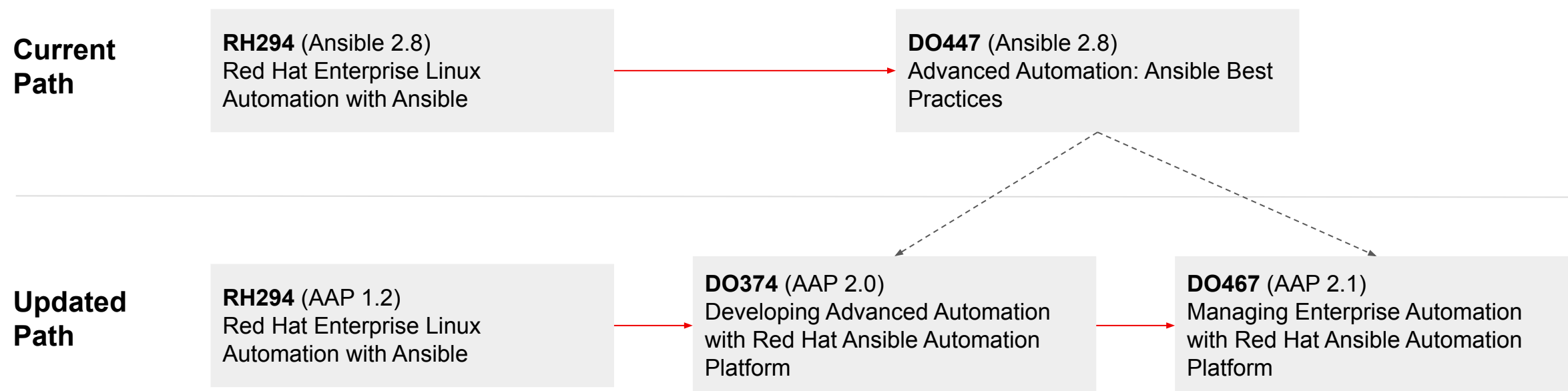


Preliminary Exam in Red Hat
System Administration I
PE124 • 1 hour • Recommended

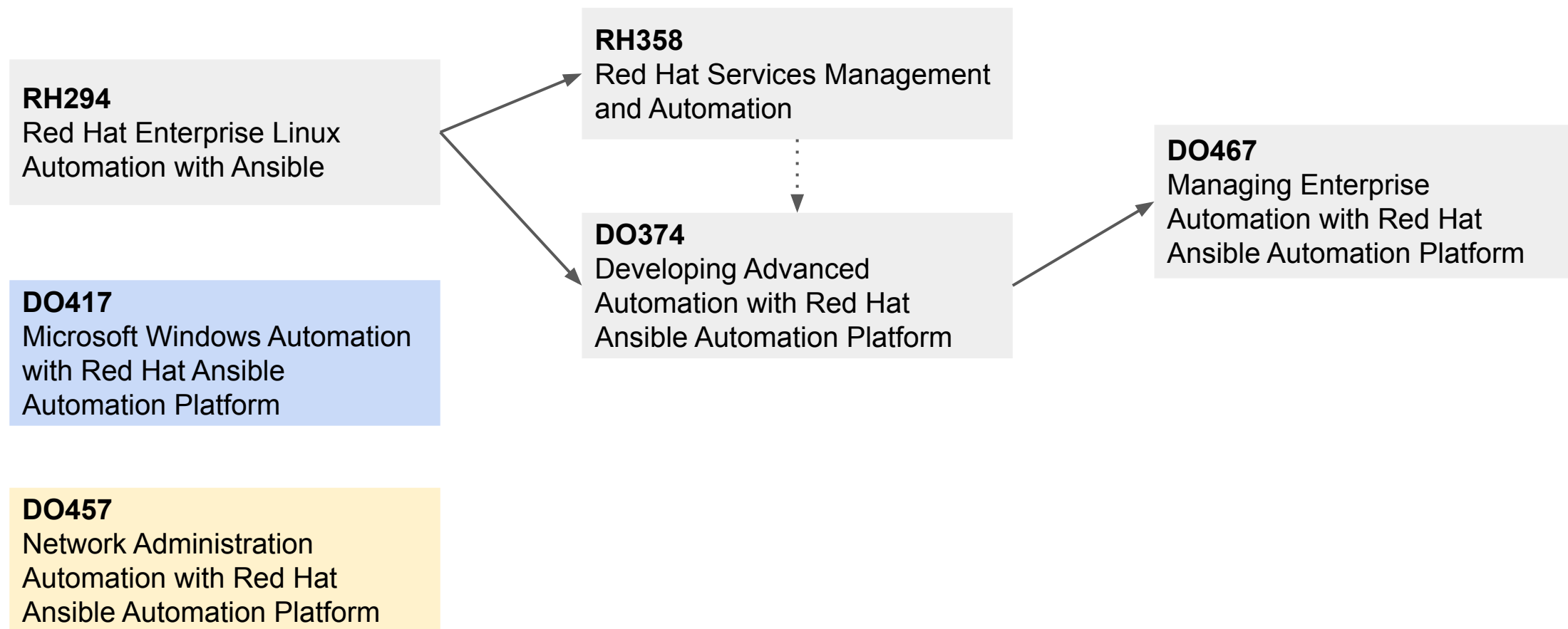


Red Hat Ansible for
Network Automation
DO457 • 5 days • Recommended

Course Changes for Red Hat Ansible Automation Platform 2.0



Automation Portfolio Overview



2021 Course Released

SKU	Course	Comments
RH294	Red Hat Enterprise Linux Automation with Ansible	Version bump from RHEL 8.0 -> 8.4 and Ansible Engine 2.8 -> Ansible Automation Platform 1.2 (Ansible Engine 2.9)

2021 Course Releases :: In Development

SKU	Course	Comments
DO374	Developing Advanced Automation with Red Hat Ansible Automation Platform	New course teaching Ansible Automation Platform 2.0, which has architectural changes from previous versions. Includes the recommended practices from DO447.
DO007	Ansible Essentials: Simplicity in Automation Technical Overview	Free on-demand, online videos that introduces you to the Ansible Automation Platform.

2021 Course Retirement

SKU	Course
DO407	Automation with Ansible
DO409	Automation with Ansible II: Ansible Tower
DO410	Automation with Ansible and Ansible Tower

2022 Roadmap/Priorities

(subject to market driven change)

Course	Comment
DO467: Managing Enterprise Automation with Red Hat Ansible Automation Platform	New course teaching the installation and management of the latest automation controller and private automation hub from AAP 2.1.
RH294: RHEL 9 & AAP 2.X	Full rewrite for the new OS. Brings AAP 2.X to the RHCE.
DO417: Microsoft Windows Automation with Red Hat Ansible	Update to the latest version of AAP 2.X
DO457: Ansible for Network Automation	Update to the latest version of AAP 2.X

Thank you!

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