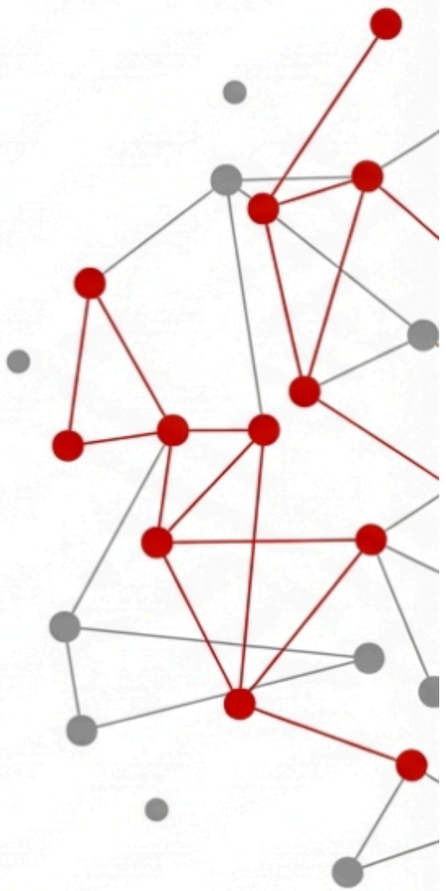
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Red Hat

Red Hat OpenShift Administration III

Scaling Deployments in the Enterprise



DO380 | EX380

Enterprise Automation & Scaling for OpenShift Clusters

Red Hat OpenShift

Red Hat
Business Partner
Training

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Contents

- About Us
- Redhat Openshift
- Program Details
- Exam Preparation
- Case Study
- RHLS
- Roadmap
- Support From CubenSquare

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ABOUT US

CubenSquare drives digital transformation by delivering expert IT solutions across industries, including banking, retail, healthcare, logistics, and more. Specializing in Red Hat OpenShift, cloud-native technologies, DevOps automation, and AI innovations, we help businesses modernize operations, enhance customer experiences, and accelerate growth.

From IT support and consulting to custom software development and corporate training, CubenSquare is your trusted partner for seamless integration of intelligent technologies. We enable organizations to harness AI, automation, and scalable cloud platforms —empowering them to thrive in an evolving digital landscape.

Core Business Units



Software Development: Designing and developing scalable, secure, and high-performance software solutions.



IT Consultation : Advisory and modernization consulting for enterprises navigating digital transformation.



IT Support Services : Comprehensive managed services ensuring performance, security, and business continuity.



IT Training & Certification : Hands-on training in DevOps, Cloud, RedHat, Cybersecurity, and Al to build real-world skills.

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Advancing to Enterprise-Grade Automation

DO280:
Single Cluster



DO380: Scalable Automation

- **Advanced OpenShift Automation:** Moving beyond manual management.
- **Scaling Enterprise Deployments:** Handling high-volume workloads.
- **GitOps Implementation:** Adopting declarative workflows.
- **CI/CD Pipeline Integration:** Streamlining development to production.
- **Operator-Based Automation:** Managing services efficiently.

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The Path to Enterprise OpenShift Automation

The Training (DO380)

- Automating cluster operations.
- Implementing GitOps workflows.
- Managing Operators at scale.
- Integrating OpenShift Pipelines (Tekton).
- Automating deployments with Ansible.

The Validation (EX380)

- 3-hour performance-based exam.
- Live OpenShift environment.
- Real automation tasks.
- CLI and Web Console usage.
- Strictly no internet access.

Validate enterprise-grade automation skills for scalable OpenShift deployments.

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Scaling OpenShift Without Operational Bottlenecks

Automate cluster operations and application delivery at enterprise scale.

01

Automation Efficiency

Reduce manual administrative tasks using Ansible and APIs.

02

GitOps Delivery

Implement declarative application management with Git-based workflows.

03

Enterprise Scalability

Scale workloads consistently across environments.

04

Operational Reliability

Standardize deployment processes and minimize configuration drift.

Transform OpenShift into a fully automated, enterprise-ready platform.

Red Hat OpenShift Administration III: Scaling Deployments in the Enterprise

DO380 | **EX380**

Red Hat Certified OpenShift Administrator

COURSE OVERVIEW

Red Hat OpenShift Administration III: Scaling Deployments in the Enterprise (DO380) expands upon the required skills to plan, implement, and manage OpenShift® clusters in the enterprise. You will learn how to configure and manage OpenShift clusters at scale to address increasing and special demands from applications and to ensure reliability, performance, and availability.

This course is based on Red Hat® OpenShift Container Platform 4.18.

5-10 Course Topics

- Manage OpenShift cluster operators and add operators.
- Implement GitOps workflows using OpenShift GitOps operator.
- Integrate OpenShift with enterprise authentication.
- Query and visualize cluster-wide logs, metrics, and alerts.
- Back up and restore application settings and data with OpenShift APIs for Data Protection (OADP).
- Manage machine pools and machine configurations.

COURSE DETAILS

Course Name	**Red Hat OpenShift Administration III: Scaling Deployments in the Enterprise**
Duration	5 Days (40 Hours)
Format	Instructor-Led with Hands-On Labs
Level	Advanced / Specialist
Included	✓ Red Hat Ebook ✓ Certification Exam ✓ 1 Exam Retake*

**Terms and conditions apply.*

MASTER THE ESSENTIALS

D0380 | EX380

Course Outline

Plan, implement, and manage OpenShift clusters at scale

01. Authentication and Identity Management
02. Backup, Restore, and Migration of Applications with OADP
03. Cluster Partitioning
04. Pod Scheduling
05. OpenShift GitOps
06. OpenShift Monitoring
07. OpenShift Logging

CERTIFICATION EX380

Red Hat Certified OpenShift Administrator

Format	Hands-on Lab Exam
Duration	3 Hours
Retake	1 Exam Retake FREE

Contributes to RHCA Path

WHO SHOULD ATTEND

✔️ OpenShift Administrators advancing into automation
✔️ Platform & DevOps Engineers managing scalable deployments
✔️ SRE & Cloud Engineers handling enterprise workloads
✔️ Professionals preparing for EX380 certification

Standard

- The exam is a performance based evaluation of candidates
- No Internet Access, no notes, Real world tasks only

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Preparation Strategy

The Golden Rule: Attendance in class does not guarantee success. Experience is key.

1. **Attend DO380:** For structured, hands-on learning of the syllabus.
2. **Hands-on Practice:** Focus on the "Study Points" (Multus, OADP, Live Migration) in a lab environment.
3. **Review Objectives:** Ensure familiarity with every task listed in the official **EX380** objectives.

Note: Internet access is NOT provided during the exam. Memorize the workflows, not the commands.



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The Career Advantage

✔️ Master enterprise-grade OpenShift automation and scaling.

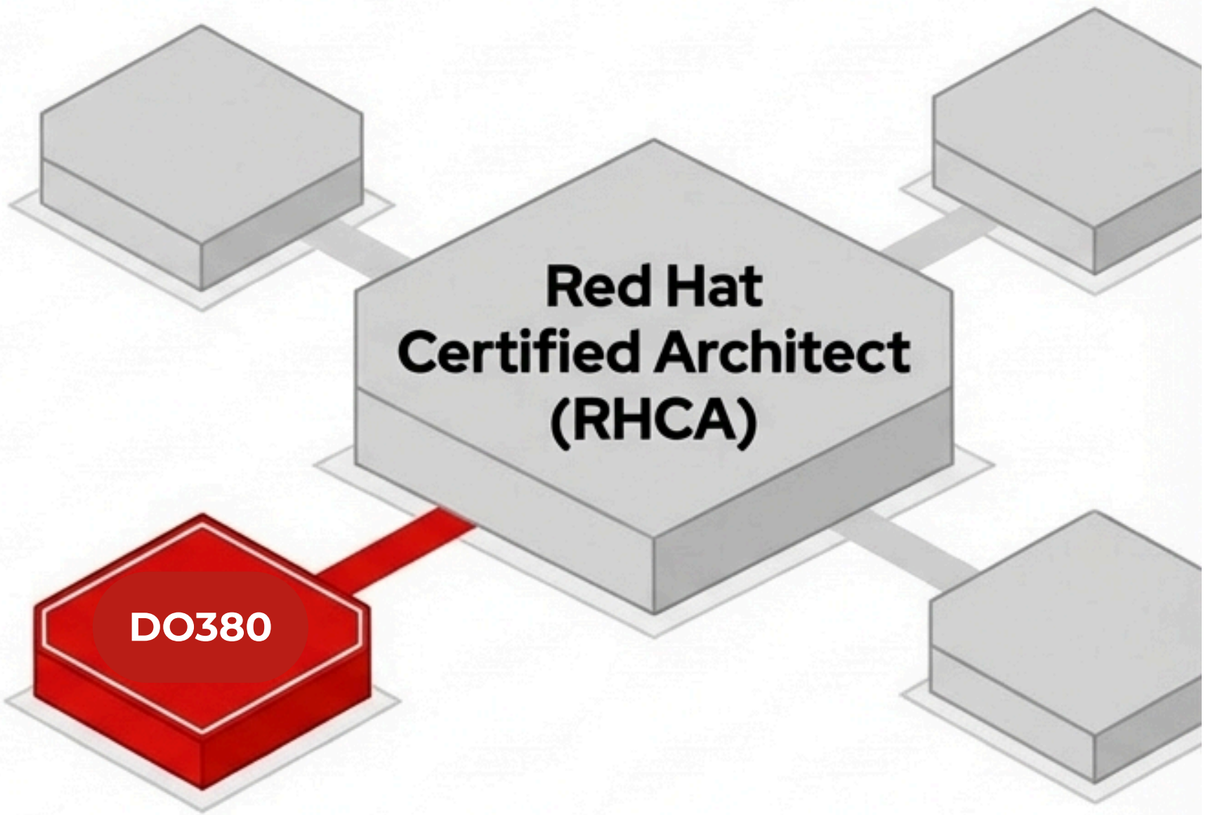
✔️ Qualify for advanced roles in DevOps, Platform Engineering, and SRE.

✔️ Gain hands-on expertise in GitOps, CI/CD, and Operator automation.

✔️ Increase deployment speed while reducing operational risk.

✔️ Strengthen your pathway toward Red Hat Certified Architect (RHCA).

Relevant Roles : Senior OpenShift Administrator | Kubernetes Platform Engineer | Site Reliability Engineer (SRE) | Cloud Platform Engineer | DevOps Engineer (Advanced) | Infrastructure Automation Engineer



Counts as 1 of 5 exams required for RHCA.

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Why Choose CubenSquare for OpenShift Enablement

- **Instruction by Red Hat Certified Architects:**
  Delivered by Redhat Certified Architect and Redhat Certified Professionals
- **End-to-End Delivery Expertise:** Our knowledge is built on real-world consulting, implementation, and migration projects.
- **Combined Training + Implementation Capability:** We don't just teach the theory; we actively build and manage OpenShift platforms.
- **Intense Hands-On Lab Focus:** We emphasize practical skills that your team can apply immediately.
- **Post-Training Support and Mentoring:** We provide ongoing guidance to ensure your team's success after the course.

REAL-WORLD CASE STUDIES

Success Stories & Next Steps

Retail Microservices Automation

Implemented GitOps and automated pipelines to deploy microservices across global regions with minimal manual intervention. Result: 50% acceleration in deployment cycles.

Banking Cluster Scaling

Automated cluster scaling and resource provisioning using Operators and Ansible. Result: Zero downtime during peak transaction loads.

Enterprise CI/CD Transformation

Transitioned from manual workflows to automated delivery pipelines with Tekton and GitOps. Result: Standardized release velocity and improved compliance.

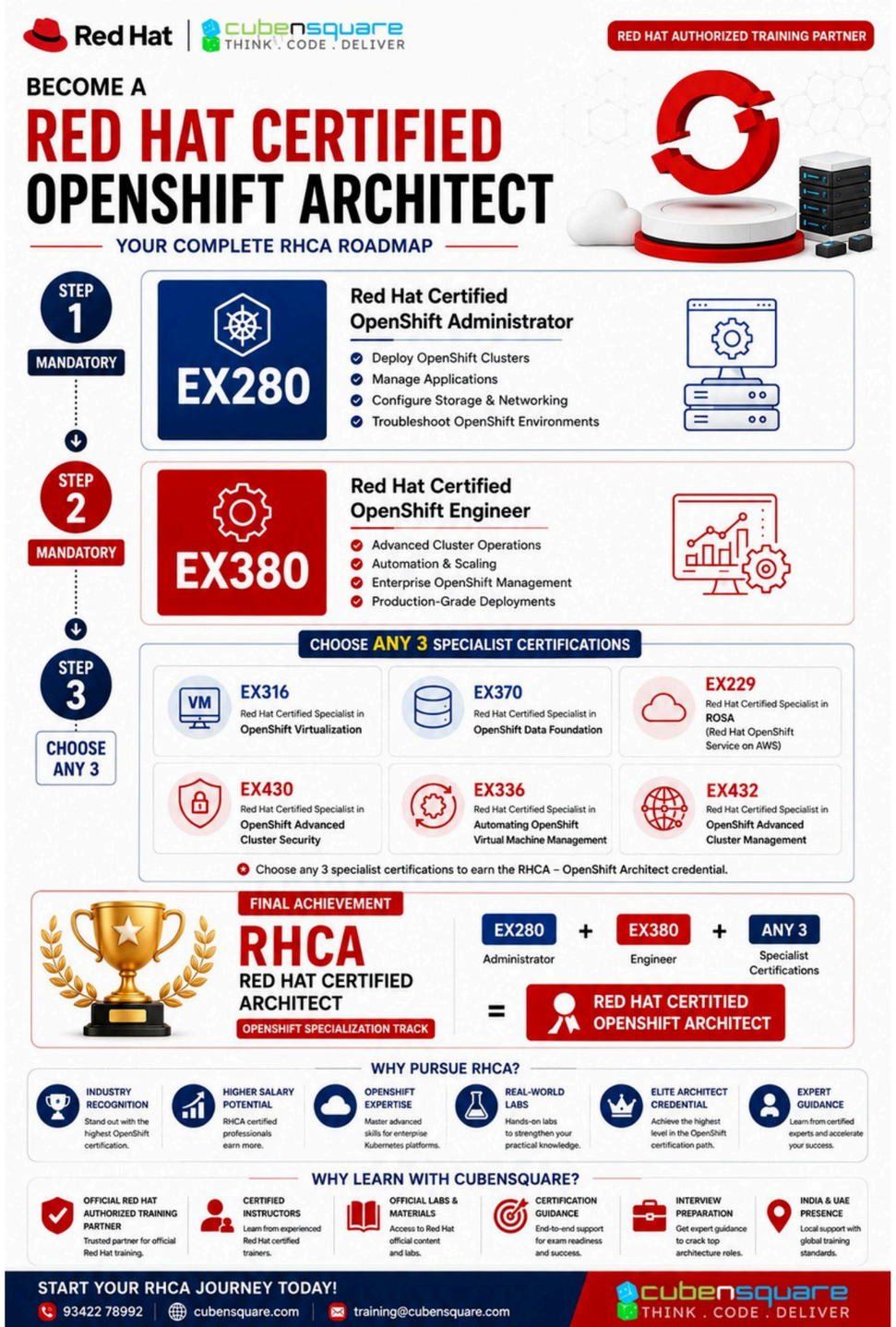
READY TO START?

Advance your Career with Redhat Openshift

Enroll in DO380 **Get EX380 Certified** **Build Your Future**

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Redhat Certification Roadmap



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Support from CubenSquare

We're with you at every step of your learning journey



Mentoring

Personal guidance from industry experts who help you overcome roadblocks and accelerate your learning



Mock Interview

Resume building, interview preparation, and MOCK interviews



Job Assistance

Every Friday CubenSquare team will share a job links through WhatsApp and email



Live Doubt-Solving

Real-time support sessions to clear your technical doubts and solve coding challenges instantly

COURSE COMPARISON DO380

RED HAT OPENSHIFT ADMIN III

Scaling Kubernetes Deployments in Enterprise

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FEATURES	DO380 STANDALONE COURSE	DO380LS LEARNING SUB	RHLS Standard SUBSCRIPTION	RHLS Premium FULL ACCESS + LIVE
Subscription Length	4 Days	1 Year	1 Year	1 Year
Access Scope	DO380 Only	DO380 Only	Full Red Hat Catalog	Full Red Hat Catalog
Delivery Method	Live Instructor-led CubenSquare	Recorded	Self-paced	Self-paced + Live Instructor-led
Hands-on Labs	~45 Hours	100 Hours	400 Hours	400 Hours
Exam Attempts	1 Exam + 1 Retake	2 Attempts	5 Exams + 5 Retakes	5 Exams + 5 Retakes
Tech Coverage	Advanced OpenShift	Advanced OpenShift	Full Red Hat Stack	Full Red Hat Stack

*Train with Red Hat Certified Architects – **CubenSquare***

RedHat Openshift



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9840174214

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Contact us to schedule a consultation or book your team's training session.