



RED HAT TRAINING

Red Hat Agile Integration Technical Overview Course

Discover Red Hat Agile Integration's components and learn to build robust, agile integration solutions for your enterprise.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

The Red Hat Agile Integration Technical Overview course provides a concise yet comprehensive introduction to modern application integration strategies using Red Hat's cutting-edge technologies. In today's fast-paced digital landscape, traditional integration methods often prove too slow and rigid. This course illuminates how an agile, cloud-native approach to integration, empowered by Red Hat's open source solutions, enables organizations to rapidly develop, deploy, and scale interconnected services and applications.

Participants will gain a foundational understanding of the core components of Red Hat's agile integration portfolio, including Red Hat Fuse for lightweight integration and microservices, Red Hat AMQ for robust messaging, Red Hat 3scale API Management for secure API exposure, and Red Hat Data Virtualization for unified data access. The course emphasizes how these technologies work harmoniously on a platform like Red Hat OpenShift to foster a continuous integration and continuous delivery (CI/CD) pipeline for integration artifacts, accelerating innovation and improving collaboration across development and operations teams.

By completing this overview, IT professionals, developers, and architects will be equipped with the knowledge to articulate the benefits of agile integration, identify suitable Red Hat technologies for various integration challenges, and understand the strategic advantages of building flexible, scalable, and resilient integrated systems. This foundational understanding is crucial for anyone looking to drive digital transformation initiatives and build modern, responsive enterprise architectures.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

01 Module 1: Introduction to Agile Integration

- Understanding Modern Integration Challenges
- Principles of Agile Integration
- Benefits of an Agile Approach to Enterprise Integration
- Overview of the Red Hat Integration Portfolio

02 Module 2: Core Red Hat Integration Technologies

- Red Hat Fuse: Lightweight Integration and Microservices
- Red Hat AMQ: Messaging for Distributed Systems
- Red Hat 3scale API Management: Exposing and Securing APIs
- Brief Introduction to Red Hat Data Virtualization
- Introduction to Red Hat Service Mesh for Microservices Observability

03 Module 3: Cloud-Native Integration with OpenShift

- Containers and Kubernetes for Integration Workloads
- Deploying Integration Solutions on Red Hat OpenShift
- Continuous Integration and Delivery for Agile Integration
- Developer Experience with Red Hat OpenShift Application Runtimes

04 Module 4: Real-World Scenarios and Next Steps

- Common Agile Integration Patterns and Architectures

- Use Cases and Examples of Red Hat Agile Integration
- How Red Hat Integration Accelerates Digital Transformation
- Pathways to Deeper Red Hat Integration Expertise and Certifications

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Red Hat Integration Specialist**
- > **Cloud-Native Application Architect**
- > **DevOps Engineer (Integration Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational IT knowledge or experience is recommended before enrolling in the Red Hat Agile Integration Technical Overview Course?

This technical overview is designed for IT professionals, developers, and architects who are new to Red Hat's agile integration approach. While no specific Red Hat product experience is strictly required, a basic understanding of application integration concepts, microservices architectures, and perhaps some familiarity with containerization or cloud computing principles will be beneficial to fully grasp the concepts presented.

Q: How does this specific Red Hat Agile Integration overview course contribute to my long-term career growth in enterprise IT?

This course provides a crucial foundational understanding of how Red Hat's comprehensive integration portfolio enables businesses to rapidly develop, deploy, and scale integrated applications in an agile, cloud-native environment. By grasping these core concepts, you'll be better positioned to design modern integration solutions, contribute effectively to DevOps teams, and pursue specialized roles like Integration Architect or Cloud-Native Developer, ultimately accelerating your career in digital transformation initiatives.

Q: Does this course cover practical hands-on labs, or is it primarily conceptual for the 'Technical Overview'?

As a 'Technical Overview' course with a 2-hour duration, this module primarily focuses on providing a high-level conceptual understanding of Red Hat Agile Integration, its components, and benefits. It introduces the architecture and capabilities rather than deep-diving into hands-on implementation. For practical, lab-based training, we recommend exploring our more in-depth Red Hat courses specifically focused on Red Hat Fuse, Red Hat AMQ, or Red Hat OpenShift Application Development, which build upon the knowledge gained here.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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