



HP TRAINING

Hpe Hybrid Cloud Solutions Rev 22 41 Course

Master HPE Hybrid Cloud Solutions to seamlessly integrate and manage on-premises and public cloud environments.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The HPE Hybrid Cloud Solutions Rev 22 41 Course is an intensive, intermediate-level program designed for IT professionals seeking to master the complexities of modern hybrid cloud environments leveraging Hewlett Packard Enterprise technologies. This course delves into HPE's comprehensive portfolio, showcasing how to seamlessly integrate on-premises infrastructure with public and private cloud services. Participants will gain a deep understanding of architecting, deploying, and managing robust, scalable, and secure hybrid cloud solutions, preparing them to drive digital transformation initiatives within their organizations. This curriculum specifically explores core HPE technologies such as HPE GreenLake for a consistent cloud experience everywhere, HPE Ezmeral for container orchestration and data fabric, and HPE Synergy for composable infrastructure. You will learn to optimize compute, storage (HPE Nimble Storage, Primera, Alletra), and networking components to support diverse workloads across hybrid landscapes. The course also covers advanced topics including virtualization, software-defined infrastructure, automation using HPE OneView, and robust data management and protection strategies essential for any enterprise-grade hybrid cloud deployment. Upon successful completion, professionals will be equipped with the practical skills and theoretical knowledge to design, implement, and operate an HPE-centric hybrid cloud ecosystem effectively. This certification pathway not only enhances your technical proficiency but also validates your ability to contribute significantly to strategic IT planning, infrastructure modernization, and operational efficiency, thereby unlocking advanced career opportunities in the rapidly evolving cloud computing domain.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: Foundations of Hybrid Cloud and HPE Strategy

- Understanding Hybrid Cloud Architectures and Benefits
- HPE's Vision for the Hybrid Cloud: Edge to Cloud
- Key HPE Hybrid Cloud Offerings: GreenLake, Ezmeral, Synergy
- Cloud Operating Models and IT Transformation

02 Module 2: HPE Compute and Storage for Hybrid Environments

- HPE ProLiant and Synergy Compute in Hybrid Cloud
- HPE Storage Solutions: Nimble Storage, Primera, Alletra
- Integrating Storage with Cloud Services
- Data Locality and Performance Considerations

03 Module 3: Software-Defined and Virtualized Infrastructure

- HPE Composable Infrastructure with Synergy
- Virtualization Strategies for Hybrid Cloud Workloads
- Containerization and Kubernetes with HPE Ezmeral Container Platform
- Network Virtualization and SD-WAN in HPE Hybrid Solutions

04 Module 4: Managing and Orchestrating HPE Hybrid Cloud

- Unified Infrastructure Management with HPE OneView
- HPE GreenLake Central for Cloud Operations
- Automation and Orchestration Tools in HPE Hybrid Cloud
- Monitoring and Analytics for Hybrid Cloud Performance

05 Module 5: Data Management, Protection, and Security

- Data Migration Strategies for Hybrid Cloud
- HPE Data Protection Solutions (e.g., StoreOnce, Zerto integration)
- Backup and Disaster Recovery in Hybrid Cloud
- Security Best Practices and Compliance in HPE Hybrid Environments

06 Module 6: Hybrid Cloud Use Cases and Best Practices

- Developing Hybrid Cloud Deployment Roadmaps
- Optimizing Cost and Performance in Hybrid Cloud
- DevOps Integration in HPE Hybrid Cloud
- Real-world Scenarios and Troubleshooting

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **HPE Hybrid Cloud Architect**
- > **Enterprise Cloud Solutions Engineer (HPE Specialist)**
- > **Data Center Modernization Consultant (HPE Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What specific HPE technologies will I gain practical experience with during this course, and how will that translate to real-world job functions?

This course provides hands-on exposure to critical HPE technologies foundational to hybrid cloud deployments. You will learn to configure and manage components within HPE GreenLake, work with HPE Ezmeral for containerized applications, manage composable infrastructure via HPE Synergy, and utilize HPE OneView for unified infrastructure management. This practical experience directly translates into job functions involving infrastructure provisioning, workload deployment, operational monitoring, and resource optimization across complex hybrid IT landscapes, making you proficient in HPE's modern IT ecosystem.

Q: What prior knowledge or experience is recommended to ensure I get the most out of the HPE Hybrid Cloud Solutions Rev 22 41 Course?

To maximize your learning experience in this intermediate-level course, it is highly recommended that participants have a foundational understanding of server, storage, and networking concepts. Prior exposure to virtualization technologies (e.g., VMware vSphere, Microsoft Hyper-V) and basic cloud computing principles (IaaS, PaaS, SaaS) would be beneficial. Familiarity with general IT infrastructure operations and common data center technologies will also help you grasp the more advanced hybrid cloud integration concepts presented.

Q: How does this course prepare me for designing and implementing data migration and disaster recovery strategies specifically within an HPE Hybrid Cloud setup?

This course dedicates significant attention to data management and protection within HPE Hybrid Cloud environments. You will learn to analyze workload requirements, design appropriate data migration paths between on-premises HPE storage (like Nimble Storage or Primera) and cloud services, and implement robust backup and disaster recovery solutions leveraging HPE technologies such as StoreOnce and integration with third-party tools like Zerto. The curriculum covers strategies for ensuring data availability, integrity, and compliance across hybrid boundaries, equipping you to

architect resilient and secure data strategies.

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+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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