



HP TRAINING

Hpe Atp Hybrid Cloud

Master HPE ATP Hybrid Cloud solutions. Learn to deploy and manage integrated private 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 ATP Hybrid Cloud course is meticulously designed for IT professionals seeking to master the complexities of modern hybrid cloud environments, with a strong emphasis on Hewlett Packard Enterprise (HPE) technologies. This program delves into the strategic integration of on-premises infrastructure with public cloud services, empowering participants to design, implement, and manage seamless hybrid cloud solutions. You will gain a profound understanding of core hybrid cloud concepts, architectural patterns, and the critical role of HPE's Composable Infrastructure, software-defined storage, and intelligent automation tools in creating agile, scalable, and secure IT ecosystems. The curriculum covers key areas such as virtualized environments, containerization strategies, and robust data management solutions that span across disparate cloud platforms. By completing this certification, you will be equipped to optimize infrastructure performance, enhance operational efficiency, and drive digital transformation initiatives within your organization. The professional benefits are immense, enabling you to reduce IT costs, accelerate service delivery, and build resilient, future-ready hybrid cloud architectures that meet evolving business demands.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: Foundations of Hybrid Cloud and HPE Strategy

- Introduction to Hybrid Cloud Concepts and Benefits
- Key Hybrid Cloud Architecture Models
- HPE's Vision and Strategy for Hybrid Cloud
- Economic and Operational Drivers for Hybrid Cloud Adoption
- Cloud Service Models (IaaS, PaaS, SaaS) in a Hybrid Context

02 Module 2: HPE Composable Infrastructure for Hybrid Cloud

- Understanding HPE Composable Infrastructure and Synergy
- Implementing HPE OneView for Infrastructure Management
- Leveraging HPE Synergy for Resource Pooling and Automation
- Integrating Compute, Storage, and Networking in Composable Environments
- Role of Software-Defined Everything (SDx) in HPE Hybrid Cloud

03 Module 3: Virtualization, Containers, and Cloud Native Technologies

- Virtualization Technologies (VMware vSphere, Microsoft Hyper-V) in Hybrid Clouds
- Introduction to Containerization with Docker and Kubernetes
- Deploying and Managing Containerized Workloads on HPE Infrastructure
- Strategies for Migrating Virtual Machines and Containers to Cloud
- Cloud-Native Application Development and Deployment Considerations

04 Module 4: Hybrid Cloud Storage and Data Management

- HPE Storage Solutions for Hybrid Cloud (Nimble Storage, SimpliVity, Primera)
- Data Tiering and Placement Strategies across On-Prem and Public Cloud
- Data Backup, Recovery, and Disaster Recovery in Hybrid Environments
- Ensuring Data Compliance and Security in Multi-Cloud Deployments
- Storage as a Service (STaaS) Integration and Management

05 Module 5: Automation, Orchestration, and Cloud Operations

- Implementing Automation with HPE OneView and Scripting Tools

- Orchestration Workflows for Hybrid Cloud Resource Provisioning
- Monitoring and Performance Management in Hybrid Cloud with HPE Tools
- Cost Management and Optimization Strategies for Hybrid Cloud
- DevOps Principles and Practices in a Hybrid Cloud Context

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hybrid Cloud Administrator/Engineer focusing on HPE Solutions**
- > **HPE Infrastructure Architect specializing in Composable and Software-Defined Data Centers**
- > **Cloud Solutions Consultant with expertise in multi-cloud and HPE integration strategies**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites or foundational knowledge areas for individuals pursuing the HPE ATP Hybrid Cloud certification?

To get the most out of the HPE ATP Hybrid Cloud course, candidates should ideally possess a foundational understanding of server, storage, and networking concepts. Prior experience with virtualization technologies (e.g., VMware vSphere or Microsoft Hyper-V) and basic familiarity with cloud computing principles and public cloud services (e.g., AWS, Azure, Google Cloud) will be highly beneficial. Exposure to HPE technologies like ProLiant servers or storage arrays would also provide a strong starting point.

Q: How does the HPE ATP Hybrid Cloud certification specifically address the challenges of integrating diverse on-premises and public cloud environments?

This certification uniquely focuses on leveraging HPE's Composable Infrastructure and management tools like HPE OneView to create a unified, automated foundation for hybrid cloud. It teaches how to seamlessly integrate your on-premises HPE infrastructure with various public cloud services, addressing common challenges such as workload mobility, consistent data management, and unified operational control. You'll learn to design architectures that ensure interoperability, minimize vendor lock-in, and provide a consistent experience across heterogeneous environments.

Q: What specific hands-on skills will I gain to optimize existing HPE infrastructure for hybrid cloud deployments after completing this course?

Upon completing this course, you will gain practical skills in configuring and managing HPE Synergy and HPE OneView to provision resources for hybrid workloads. You'll learn to implement software-defined storage solutions like HPE Nimble or SimpliVity for efficient data placement and protection across clouds. Furthermore, you will acquire the ability to automate routine tasks, orchestrate complex hybrid cloud workflows, and apply monitoring techniques to ensure optimal performance and cost efficiency for your existing HPE-based infrastructure as it extends into the cloud.

ABOUT COMPUTER PRIDE



computerpride

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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