

Using HPE SimpliVity Solutions, Rev. 20.31

Course description

The HPE SimpliVity Product certification course is an in-depth introduction to the HPE SimpliVity product. The course covers product introduction, architecture, portfolio overview and HPE SimpliVity solutions. The course will also cover managing, installation, trouble shooting and support. In addition to lecture this course also contains labs for hands on experience exploring and using HPE SimpliVity.

Course ID	0001131290
Course format, Typical duration	Select one: ILT - Instructor Led, 3 days VILT - Virtual Instructor Led, 3 days
Skill level	Foundational (FND)
Delivery languages	English
Lab required	Yes

Ideal candidate for this course

Ideal candidates for this certification are consultants, sales engineers and presales technical engineers who recommend, design and demonstrate an understanding of HPE SimpliVity

[Register for this course.](#)

Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.

Topics

- **Introduction to HPE SimpliVity**

Describe the benefits and HPE SimpliVity and HyperGuarantee program.
Top use cases (VDI, ROBO, Datacenter Consolidation, Data Protection).
Describe available Reference Architectures.
Describe HPE SimpliVity impact on TCO and sizing rules.

- **HPE SimpliVity Architecture**

Explain HPE SimpliVity architecture and components (OAC, OVC, MVA, Cluster, Federation, datastores, Arbiter, Compute Nodes, networking requirements [3 networks, jumbo frames, etc.]).
Explain HPE SimpliVity data efficiency technologies (deduplication, compression and optimization).
Explain how HPE SimpliVity has a resilient platform and provides peak and predictable performance.
Explain HPE SimpliVity Stretched Cluster implementation.
Explain how HPE SimpliVity differs from other hyperconverged infrastructure technologies.

- **HPE SimpliVity Portfolio Overview**

Describe HPE SimpliVity portfolio (hardware-accelerated and software-optimized models).
Describe product positioning and matching with specific customer use cases.
Describe HPE Composable Fabric integration.
Describe HPE StoreOnce integration.
Describe HPE InfoSight integration.

- **Designing HPE SimpliVity Solution**

Describe SimpliVity sizing and configuration tools.
Analyze Reference Architectures for HPE SimpliVity:
VMware Horizon
Microsoft SQL Server 2017
SAP HANA 2.0
Citrix XenDesktop
Oracle Database

- **Managing HPE SimpliVity**

Describe HPE SimpliVity functionalities (backups, restore, clone, etc.).
Describe available user interfaces (GUI, CLI/API).
Explain how HPE SimpliVity RapidDR works.

Explain how HPE SimpliVity performs backups to secondary storage (HPE StoreOnce today).
Explain how to use HPE InfoSight to investigate the analytics and get insights from an HPE SimpliVity environment.

- **Installation, Maintenance and Troubleshooting**

Explain steps required for a successful deployment.
Explain the upgrade procedure.
Describe support and troubleshooting procedures.

Objectives

After you successfully complete this course, expect to be able to:

- Describe the benefits and HPE SimpliVity and HyperGuarantee program
- Top use cases (VDI, ROBO, Datacenter Consolidation, Data Protection).
- Describe available Reference Architectures.
- Describe HPE SimpliVity impact on TCO and sizing rules.
- Explain HPE SimpliVity architecture and components (OAC, OVC, MVA, Cluster, Federation, datastores, Arbiter, Compute Nodes, networking requirements [3 networks, jumbo frames, etc.]).
- Explain HPE SimpliVity data efficiency technologies (deduplication, compression and optimization).
- Explain how HPE SimpliVity has a resilient platform and provides peak and predictable performance.
- Explain HPE SimpliVity Stretched Cluster implementation.
- Explain how HPE SimpliVity differs from other hyperconverged infrastructure technologies.
- Describe HPE SimpliVity portfolio (hardware-accelerated and software-optimized models).
- Describe product positioning and matching with specific customer use cases.
- Describe HPE StoreOnce and Infosight integration.
- Describe HPE SimpliVity functionalities (backups, restore, clone, etc.).
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- Explain how HPE SimpliVity performs backups to secondary storage (HPE StoreOnce today).
- Explain how to use HPE InfoSight to investigate the analytics and get insights from an HPE SimpliVity environment.
- Explain steps required for a successful deployment.
- Explain the upgrade procedure.
- Describe support and troubleshooting procedures

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001131290>

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information

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