

# Using HPE SimpliVity Solutions, Rev. 20.31 HQ7G4S

<b>HPE course number</b>	HQ7G4S
<b>Course length</b>	3 Days
<b>Delivery mode</b>	ILT, VILT
<b>View schedule, local pricing, and register</b>	<a href="#">View now</a>
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The HPE SimpliVity product certification course covers portfolio and product introduction, architecture, management, installation, troubleshooting and support of HPE SimpliVity solutions. In addition to lecture, this course also contains labs for hands-on experience in exploring and using HPE SimpliVity.

## Why HPE Education Services?

- IDC MarketScape Leader 7 years running for IT education and training\*
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- Simplified purchase option with HPE Training Credits

## Audience

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

## Course objectives

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

- Describe the benefits of HPE SimpliVity and the HyperGuarantee program
- Describe top use cases, available reference architectures, and components
- Describe the HPE SimpliVity impact on TCO and sizing rules
- Explain HPE SimpliVity data efficiency technologies
- Explain how HPE SimpliVity differs from other hyperconverged infrastructure technologies, and discuss how to position the product and match to specific customer use cases
- Describe HPE SimpliVity functionalities and how HPE SimpliVity RapidDR works
- Describe HPE StoreOnce and HPE Inforsight integration
- Explain steps required for successful deployment, as well as the upgrade procedure
- Describe support and troubleshooting procedures

## Detailed course outline

<b>Introduction to HPE SimpliVity</b>	<ul style="list-style-type: none"> <li>Describe the benefits of HPE SimpliVity and the HyperGuarantee program</li> <li>Top use cases (VDI, ROBO, datacenter consolidation, data protection)</li> </ul>	<ul style="list-style-type: none"> <li>Describe available reference architectures</li> <li>Describe HPE SimpliVity impact on TCO and sizing rules</li> </ul>
<b>HPE SimpliVity Architecture</b>	<ul style="list-style-type: none"> <li>Explain HPE SimpliVity architecture and components (OAC, OVC, MVA, cluster, federation, datastores, Arbiter, compute nodes, networking requirements [3 networks, jumbo frames, etc.])</li> <li>Explain HPE SimpliVity data efficiency technologies (deduplication, compression and optimization)</li> </ul>	<ul style="list-style-type: none"> <li>Explain how HPE SimpliVity has a resilient platform and provides peak and predictable performance</li> <li>Explain HPE SimpliVity Stretched Cluster implementation</li> <li>Explain how HPE SimpliVity differs from other hyperconverged infrastructure technologies</li> </ul>
<b>HPE SimpliVity Portfolio Overview</b>	<ul style="list-style-type: none"> <li>Describe the HPE SimpliVity portfolio (hardware-accelerated and software-optimized models)</li> <li>Describe how to position the product and match to specific customer use cases</li> </ul>	<ul style="list-style-type: none"> <li>Describe HPE Composable Fabric integration</li> <li>Describe HPE StoreOnce integration</li> <li>Describe HPE InfoSight integration</li> </ul>
<b>Designing HPE SimpliVity Solutions</b>	<ul style="list-style-type: none"> <li>Describe SimpliVity sizing and configuration tools</li> </ul>	<ul style="list-style-type: none"> <li>Analyze reference architectures for HPE SimpliVity <ul style="list-style-type: none"> <li>VMware Horizon®</li> <li>Microsoft SQL Server 2017</li> <li>SAP HANA 2.0</li> <li>Citrix XenDesktop</li> <li>Oracle Database</li> </ul> </li> </ul>
<b>Managing HPE SimpliVity</b>	<ul style="list-style-type: none"> <li>Describe HPE SimpliVity functionalities (backups, restore, clone, etc.)</li> <li>Describe available user interfaces (GUI, CLI/API)</li> <li>Explain how HPE SimpliVity RapidDR works</li> </ul>	<ul style="list-style-type: none"> <li>Explain how HPE SimpliVity performs backups to secondary storage (HPE StoreOnce today)</li> <li>Explain how to use HPE InfoSight to investigate the analytics and get insights from an HPE SimpliVity environment</li> </ul>
<b>Installation, Maintenance and Troubleshooting</b>	<ul style="list-style-type: none"> <li>Explain steps required for a successful deployment</li> <li>Explain the upgrade procedure</li> </ul>	<ul style="list-style-type: none"> <li>Describe support and troubleshooting procedures</li> </ul>

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