



# Designing HPE Software-Defined Infrastructure Solutions

## Exam description

This exam tests the candidate's ability to display competency in the area of software defined infrastructure (SDI), including designing HPE Software Defined Infrastructure solutions, and the candidate's ability to analyze workloads and prescribe the appropriate infrastructure platform, including compute, storage, and networking.

## Ideal candidate for this exam

This certification is targeted to solution architects who have experience designing and implementing a complex solution and want to validate their skills to leverage HPE solutions in multi-site environments. Candidates typically define business needs, propose, and may deploy the solution.

## Exam contents

This exam has 50 questions. Here are types of questions to expect:

- Discrete Option Multiple Choice

## Advice to help you take this exam

- Complete the training and review all course materials and documents before you take the exam.
- Use HPE Press study guides and additional reference materials; study guides, practice tests, and HPE books.
- Exam items are based on expected knowledge acquired from job experience, an expected level of industry standard knowledge, or other prerequisites (events, supplemental materials, etc.).
- Successful completion of the course or study materials alone, does not ensure you will pass the exam.

## What to Expect with Discrete Option Multiple Choice (DOMC) exams:

This exam uses the DOMC question format. It is quite different than traditional multiple choice exams. It is designed to increase exam fairness, to protect exam integrity, your exam scores and your time.

## How is DOMC different?

- Instead of presenting all the answer options together at one time, DOMC questions present answer options one at a time, at random
- When an answer option is presented, you select either Yes or No to indicate if the option is correct or not. This process repeats until the question concludes
- You may see more than one correct option
- You may receive as few as one option for each test question or several options
- Once you move forward, you may not go back and change your response to a previous option

We created an HPE sample test to help you practice using this DOMC test format. During registration, you will be asked to confirm that you have completed the HPE DOMC sample test and understand how this exam will perform.

## Become acquainted with DOMC:

[HPE DOMC sample test](#)

[DOMC FAQs](#)

Exam ID	HPE0-V13
Exam type	Proctored
Exam duration	1 hour 15 minutes
Exam length	50 questions
Passing score	63%
Delivery languages	Japanese, English

Register for this Exam

You need an HPE Learner ID and a Pearson VUE login and password.

No reference material is allowed at the testing site. This exam may contain beta test items for experimental purposes.

During the exam, you can make comments about the exam items. We welcome these comments as part of our continuous improvement process.

Be sure to complete the supporting resources and review all materials and documents before you take the exam. Successful completion of the supporting resources alone does not ensure you will pass the exam.

## Objectives

This exam validates that you can:

Percentage of Exam	Sections/Objectives
20%	<p>Describe Software Defined Infrastructure:</p> <ul style="list-style-type: none"> <li>• Explain the benefits of a software defined infrastructure</li> <li>• Given a set of customer requirements, position software defined solutions to solve their problem</li> <li>• Position supported software defined solution based on use case</li> <li>• Position supported software defined storage solutions</li> <li>• Position SDN (Software Defined Networking) solutions and their use cases</li> <li>• Describe the HPE Composable Strategy and position HPE value prop for SDI and SDDC</li> <li>• Describe the customer operational models as it relates to SDI</li> </ul>
36%	<p>Plan and Design Software Defined Infrastructure Solutions</p> <ul style="list-style-type: none"> <li>• Given a set of customer requirements, determine the appropriate storage virtualization technology</li> <li>• Given a set of customer requirements, determine the appropriate software defined platform</li> <li>• Given a set of customer requirements, determine the appropriate software defined compute technology</li> <li>• Given a set of customer requirements, determine the appropriate software defined storage</li> <li>• Given a set of customer requirements, determine the appropriate software defined Networking/composable fabric technology</li> <li>• Given a set of customer requirements, determine the appropriate software defined orchestration and automation tools</li> <li>• Given a customer requirements, determine the appropriate migration methodology of workloads to SDI</li> </ul>
20%	<p>Deploy Software Defined Infrastructure Solutions</p> <ul style="list-style-type: none"> <li>• Deploy composable bare metal workloads on Synergy</li> <li>• Deploy HPE integrations for Hyper-V</li> <li>• Deploy HPE integrations for containers</li> <li>• Deploy a SimpliVity solution, including integration with SCOMM, vCenter</li> <li>• Deploy software defined network</li> <li>• Document the solution</li> <li>• Create baseline reports for infrastructure (firmware and configuration)</li> <li>• Troubleshoot software</li> </ul>
12%	<p>Defined Infrastructure Solutions</p> <ul style="list-style-type: none"> <li>• Given a scenario, diagnose and troubleshoot the issue, using the appropriate tools and/or process</li> <li>• Given a scenario, identify the steps to remediation</li> <li>• Given a scenario, create an action plan</li> <li>• Given a scenario, remediate based on an action plan</li> </ul>
12%	<p>Manage, Monitor, and Maintain Software Defined Infrastructure Solutions</p> <ul style="list-style-type: none"> <li>• Given a scenario, manage, monitor, and maintain the solution using the appropriate tool</li> <li>• Create baseline reports for infrastructure (firmware and configuration)</li> <li>• Use appropriate HPE update mechanism (Support Pack for ProLiant (SPP), SimpliVity Upgrade Manager, etc.)</li> <li>• Apply OEM-specific patches per vendor recommendations</li> <li>• Demonstrate maintenance of baselines over solution lifecycle</li> </ul>

## For more information

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