

HPE Synergy Server Solutions, Rev. 16.21

Course Summary

Description

This course teaches you about composable infrastructure and HPE Synergy.

Objectives

At the end of this course, students will have a full understanding of the following topics:

- Solution Design
- Synergy Technology
- Management Tools
- Synergy Components (including Compute Modules, Fabric Modules, and Storage Modules)

Topics

- Composable Infrastructure
- Synergy Management
- HPE Synergy Composable Fabric
- HPE Synergy Composable Storage
- HPE Synergy Compute
- Designing an HPE Synergy Solution

Audience

Typical candidates for this course include:

- Sales Consultants
- Technical Consultants
- Systems Engineers
- Sales Engineers
- Presales Engineers

Prerequisites

None

Duration

Two days

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Course Outline

- I. *Composable Infrastructure*
 - A. Describe the major trends changing the IT industry
 - B. Explain why companies need a Composable Infrastructure
 - C. Explain the role of the HPE software-defined data center (SDDC)
 - D. Describe the unique solution HPE delivers with Composable Infrastructure and Synergy
- II. *Synergy Management*

Explain how HPE Synergy simplifies management tasks for:

 - A. Installation technicians – Infrastructure administrators
 - B. IT Line of Business (LOB), IT operations managers, and developers
 - C. Describe the HPE Synergy management subsystem and explain the function of each component in that subsystem
 - D. Explain how to create a redundant Synergy management ring
- III. *HPE Synergy Composable Fabric*
 - A. Explain the HPE Synergy composable and non-composable fabric options
 - B. Describe the Synergy master/satellite architecture and explain how consolidates network connections, reduces hardware and management complexity, and scales network bandwidth across multiple frames
 - C. Explain when you would recommend composable or non-composable modules
- IV. *HPE Synergy Composable Storage*
 - A. Describe the storage options for HPE Synergy and the advantages of using each option
 - B. Explain how storage is allocated to compute resources in a Synergy solution
 - C. Select the storage solution that meets a customer's requirements and be prepared to explain the solution to the customer
- V. *HPE Synergy Compute*
 - A. Describe the HPE Synergy composable compute modules
 - B. Given a company's specific requirements, select the appropriate composable compute module
- VI. *Designing an HPE Synergy Solution*
 - A. Identify customer use case and application requirements
 - B. Describe configuration rules and best practices for configuring HPE Synergy
 - C. Configure a single or multi-frame HPE Synergy solution
 - D. Describe the purpose of Synergy starter configurations
 - E. Use the HPE Synergy configuration tools to produce an "order ready" quote/bill of materials