Hewlett Packard Enterprise

Architecting Advanced HPE Server Solutions, Rev. 16.21

Course description
This course teaches advanced level HPE Server technologies. Topics Include:
- HPE Apollo Servers
- HPE Moonshot Servers
- HPE Integrity SuperdomeX Servers
- Management Tools
- Customer Engagement Skills

Ideal candidate for this course
- Consultants
- Pre-sales engineers
- Sales engineers
- Systems Engineers
- Solutions Architects

Course ID	01065896
HPE product number	H1L38
Course format, Typical duration	**Select one:** VILT – Virtual Instructor Led, 3 days ILT – Instructor Led, 3 days
Skill level	Intermediate (INT)
Delivery languages	English
Lab required	No

Register for this course.
Find this course in the Training calendar and click the "Register" link.

Topics
- **Module 1: Recognizing Industry Trends**
  - Describe trends affecting enterprises and explain how these trends lead to the four Transformation Areas.
  - Describe key business challenges enterprises are facing.
  - Review the role of a server architect, emphasizing how the architect helps companies.
  - Provide an overview of the HPE enterprise server solutions covered in this course:
    - Apollo solutions
    - Moonshot
    - Integrity Superdome X

- **Module 2: Gathering Customer Requirements**
  - Identify key decision makers and explain how to engage them in a discussion about the company's business requirements and challenges
  - Obtain data and documentation required to understand the company' business requirements
  - Explain best practices for creating requirements statements and documents

- **Module 3: Advanced Architecture for Server Solutions**
  - Analyze the special needs of data, High Performance Computing (HPC), and mission-critical workloads
  - Given a customers' specific requirements, architect a solution for a data, HPC, and mission critical workloads

- **Module 4: HPE Apollo Solutions for HPC**
  - Explain the features and benefits of HPE Apollo 2000, 6000, and 8000 solutions
  - Position HPE Apollo 2000 and 6000 solutions for the right use cases and workloads
  - Create an implementation plan for an HPE Apollo 2000 or 6000 solution, including plans for the proper performance, scalability, high availability, and management

- **Module 5: HPE Apollo 4000 for Data-Driven Organizations**
  - Briefly describe the HPE Apollo 4000 portfolio
  - Position HPE Apollo 4000 solutions for the right use cases
  - Create an implementation plan for an HPE Apollo 4000 solution, including plans for the proper performance, scalability, and high availability

- **Module 6: HPE Moonshot Solutions**

- Briefly describe the HPE Moonshot portfolio
- Position HPE Moonshot solutions for the right use cases
- Explain options and best practices for designing the networking component of an HPE Moonshot solution

- **Module 7: HPE Moonshot Workloads**
  - Position HPE Moonshot cartridges for the right use cases and workloads
  - Create an implementation plan for the following solutions, including plans for the proper performance, scalability, and high availability:
    - Big data and analytics solution
    - Video processing solution
    - Mobile workspace solution
    - Web infrastructure solution

- **Module 8: HPE Integrity Superdome X Solutions**
  - Explain the benefits of the HPE Integrity Superdome X and describe its available options
  - Explain the benefits of nPar and RAS features for HPE Integrity X solutions
  - Position HPE Integrity Superdome X solutions for the right use cases
  - Create an implementation plan for HPE Integrity X solutions, including plans for the proper performance, scalability, fault tolerance, high availability, and manageability

- **Module 9: Monitoring and Managing HPE Solutions**
  - Recommend and substantiate the HPE management tools that optimize administrative operations for various customer environments
  - Explain the benefits of the HPE Representational State Transfer (REST) application program interface (API)

- **Module 10: Working with Customer Business Financials**
  - Demonstrate business acumen through an ability to analyze financial statements
  - Define basic financial terms used when talking with a customer's executive officers
  - Calculate key performance indicators (KPIs) to analyze a customer's financial health and understand industry and company trends
  - Use HPE tools analyze a company's financial position

Objectives

After completing this course, you should be able to do the following:

- Describe HPE server technologies
- Identify HPE products and add-ons
- Describe HPE market positions
- Explain how HPE servers meet data center challenges
- Explain how HPE servers are managed

How to register

Click on this link to register for this course: https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=01065896

Policies, fees and cancellations

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

For more information

Contact our program

Information is as of September 2017, Revision 4