دوره HP (اچ پی) | Architecting Multi-site HPE Storage Solutions

شرح مختصر

دوره آموزش پیشرفته طراحی و معماری چندین سایت ذخیره سازی تجهیزات Storage شرکت HP
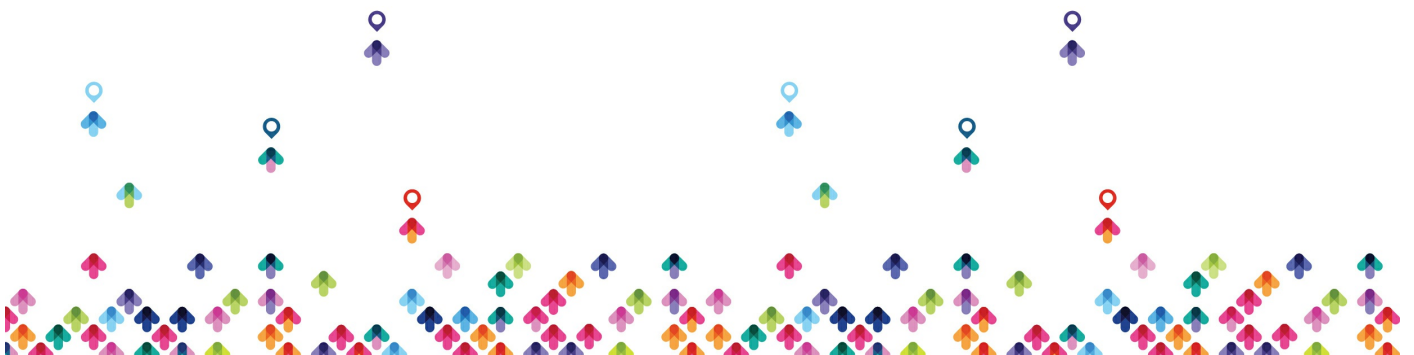
مروری بر دوره

مروری بر دوره

This course reviews, and uses case study lab exercises to expand your skills to better consult, design, and propose solutions in the HPE Storage portfolio. The course helps you identify and translate business requirements into a multiple site storage solution design that supports deduplication and backup/recovery solutions for information protection and storage solutions for information retention.

آنچه در این دوره خواهید آموخت

آنچه خواهید آموخت

After completing this course, the student will be able to:

• Describe the Fundamental Architecture and Technology of HPE Solutions

• Architect and design complex HPE Multiple site High Availability SAN Configurations

• Architect and design complex HPE Replication and Recovery Solutions

• Architect and design HPE Converged Storage Solutions for ITaaS (IT as a Service)

• Architect and design High Availability Solutions for HPE SAN Deployments

• Architect and design Converged and Virtualized HPE Multi-site Storage Solutions

• Identify opportunities to expand and extend HPE Multiple site Disaster Recovery and Availability Solutions

سرفصل ها (حضوری)

سرفصل ها

Module ۱. Designing an HPE StoreVirtual Multi-site Architecture

• Introducing the Resource Library Adobe® Portfolio

• Designing and implementing a HPE P۴۰۰۰ StoreVirtual Multi-site environment

• Principles and multi-site SAN design considerations

• Multi-Tiering and Adaptive Optimization

• Application integration

• Snapshots and network RAID levels

• I/O path preferencing based onsite/subnet

• VLAN design consideration

• Disaster Recovery for Multi-site

• Case study: Interoperability of StoreVirtual and StoreOnce multi-site designs (Alinean, ROI, TCO, NPV...)

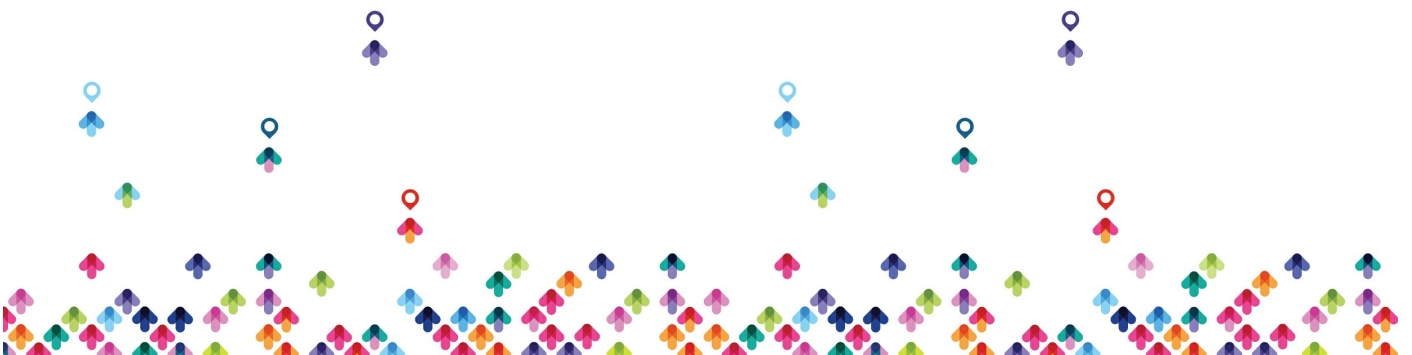Module ۲. Planning and designing a HPE StoreServ multi-site environment

• HPE Converged Strategy and portfolio

• All Flash strategy

• Designing and planning HPE ۳PAR StoreServ multi-site solutions

• Multi-site SAN design considerations

• Planning and Usage of HPE ۳PAR StoreServ Software Suites (Enhanced Priority Optimization, Adaptive Optimization, and Dynamic Optimization, Host Persona and File Persona, SSMC, Tunesys, DAP Integration and Enhanced Security, Deduplication)

• Peer Persistence and Persistent Ports

• HPE ۳PAR StoreServ

• Remote copy and service processor enhancements

• Peer motion

• Concept and technical prerequisites for multi-site environments

• HPE ۳PAR StoreServ and HPE StoreOnce—better together with RMC

• Case study: Interoperability of HPE ۳PAR and StoreOnce multi-site designs (Alinean, ROI, TCO, NPV...)

Module ۳. Planning and designing an HPE StoreOnce multi-node environment

• Designing and planning HPE StoreOnce multi-node environments and solution upgrade

• Deduplication compared with federated deduplication

• High availability, failover, and failback

• Replication and federated deduplication

• HPE Data Protector ۹.x Infrastructure design

• Technology, concept, and architecture

• Integration in the virtual and physical world

• Advanced restore options

• Create a disaster recovery scenario

• Planning and sizing a multi-site solution for a POC

• Case study: Size, validate, and present a StoreOnce multi-site environment to customer

Module ۴. HPE Converged Management with HPE OneView

• Designing an HPE OneView Multi-site Architecture

• Server profiles

• FlexFabric configuration and best practices

• Storage and networking integration

• Monitoring and alerting

• Upgrade an HPE OneView multi-site environment

• Case study: Size, validate, and present a Converged Management environment to customer

مخاطبان دوره

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This course is designed for senior storage architects who lead a team that designs storage solutions for enterprise customers, and who desire to leverage HPE Converged Storage Solutions in multi-site environments. Technical professionals should have an average of three to five years of experience

designing and architecting storage solutions in a multi-vendor environment. This training is vital for HPE channel partners, HPE Presales employees and enterprise level storage IT professionals who are looking for proven credentials that make a difference as a trusted IT advisor. With this course, you will be able to design and propose tailored storage solutions that satisfy your customers' enterprise level, or multiple site, business needs with optimum ROI.

پیش نیاز ها

پیش نیازها

- HPE ASE—Storage Solutions Architect V۲ or
- HPE ASE—Storage Solutions Architect V۱