



# SAN Fundamental & Designing and Implementing HP SAN Solutions

فلاصه :

This course contains two courses in one package: SAN fundamental and Designing and Implementing HP SAN Solutions provides student with an in-depth knowledge of Storage Area Network (SAN) design. Heterogeneous Open SAN architecture, advanced Fiber Channel Switched Fabric topologies, SAN management, SAN Backup discussed in detail.

مدت دوره: ۴۴ ساعت

**پیش نیاز:** آشنایی با مفاهیم شبکه

**اهداف دوره:** در انتهای این دوره دانشمویان قادر خواهند بود:

- Design and implement heterogeneous works to fulfill specific business requirements
- Compare SAN and network attached storage (NAS) technology
- Understanding Fiber Channel concepts
- Identify fabric switches
- Compare SAN topologies
- Understanding HP SAN management tools
- Integrate Enterprise Backup Solution into a SAN environment
- Understanding SAN security concepts (Zoning, VSAN,...)
- SAN extension solutions ( base on Fiber channel over IP)

سرفصل دوره:

- **What is SAN**
- **SAN components**
- **Benefits of SAN**
- **Fiber Channel SAN**
- **Data Storage Solutions**
- **Network Attached Storage**
- **Fiber Channel Switches**
- **Fiber Channel Ports**
- **SAN Topologies**
- **Fabric Switches**
- **Zoning**
- **Type of zoning**
- **SAN cabling**
- **SAN Routing protocol solutions**
- **SAN extension**
- **SAN management softwares'**
- **Heterogeneous SANs**
- **SAN Enabled Backup**