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Learning Solutions



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Course 70-647
PRO: Windows Server 2008, Enterprise Administrator
Hours: 40, Tuition: \$1600

Credit toward certification

When you pass Exam 70-647: PRO: Windows Server 2008, Enterprise Administrator, you earn credit toward the following certification:

- Microsoft Certified IT Professional (MCITP): Enterprise Administrator

Course Outline

Planning network and application services

- Plan for name resolution and IP addressing.
- May include but is not limited to: internal and external naming strategy, naming resolution support for legacy clients, naming resolution for directory services, IP addressing scheme, TCP/IP version coexistence
- Design for network access.
- May include but is not limited to: network access policies, remote access strategy, perimeter networks, server and domain isolation
- Plan for application delivery.
- May include but is not limited to: application virtualization, presentation virtualization, locally installed software, Web-based applications
- Plan for Terminal Services.
- May include but is not limited to: Terminal Services licensing, Terminal Services infrastructure

Designing core identity and access management components

- Design Active Directory forests and domains.
- May include but is not limited to: forest structure, forest and domain functional levels, intra-organizational authorization and authentication, schema modifications
- Design the Active Directory physical topology.
- May include but is not limited to: placement of servers, site and replication topology, printer location policies
- Design the Active Directory administrative model.
- May include but is not limited to: delegation, group strategy, compliance auditing, group administration, organizational structure
- Design the enterprise-level group policy strategy.
- May include but is not limited to: group policy hierarchy and scope filtering, control device installation, authentication and authorization

Designing support identity and access management components

- Plan for domain or forest migration, upgrade, and restructuring.
- May include but is not limited to: cross-forest authentication, backward compatibility, object migration, migration planning, implementation planning, environment preparation
- Design the branch office deployment.
- May include but is not limited to: authentication strategy, server security
- Design and implement public key infrastructure.
- May include but is not limited to: certificate services, PKI operations and maintenance, certificate life cycle management
- Plan for interoperability.
- May include but is not limited to: inter-organizational authorization and authentication, application authentication interoperability, cross-platform interoperability

Designing for business continuity and data availability

- Plan for business continuity.
- May include but is not limited to: service availability, directory service recovery
- Design for software updates and compliance management.
- May include but is not limited to: patch management and patch management compliance, Microsoft Update and Windows Update, security baselines, system health models
- Design the operating system virtualization strategy.
- May include but is not limited to: server consolidation, application compatibility, virtualization management, placement of servers
- Design for data management and data access.
- May include but is not limited to: data security, data accessibility and redundancy, data collaboration