



Course AZ-100T01-A

Managing Subscriptions and Resources

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 Weeks

Module 1:

Managing Azure Subscriptions

- Overview of Azure Subscriptions
- Billing
- Azure Policy

Module 2:

Access Management for Cloud Resources

- Azure Users and Groups
- Role-based Access Control

Module 3:

Monitoring and Diagnostics

- Exploring Monitoring Capabilities in Azure
- Azure Alerts
- Azure Activity Log

Module 4:

Log Analytics

- Introduction to Log Analytics
- Querying and Analyzing Log Analytics Data

Module 5:

Azure Resource Manager

- ARM templates
- Resource Groups

Module 6:

Azure Tips, Tricks, and Tools

- Azure Portal
- Azure Tools and Environment

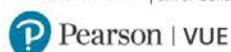
Module 7:

Lab-Manage Azure Subscriptions and Resources

- Configure delegation of provisioning and management of Azure resources.
- Verify delegation by provisioning Azure resources.

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Course AZ-100T02-A

Implementing and Managing Storage

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 Weeks

Module 1:

Overview of Azure Storage

- Azure storage accounts
- Data replication
- Azure Storage Explorer

Module 2:

Storage Services

- Virtual machine storage
- Blob storage
- Azure files
- Structured storage

Module 3:

Securing and Managing Storage

- Shared access keys
- Azure backup
- Azure File Sync

Module 4:

Storing and Accessing Data

- Azure Content Delivery Network
- Import and Export service
- Data Box

Module 5:

Monitoring Storage

- Metrics and Alerts
- Activity Log

Module 6:

Lab-Implement and Manage Storage

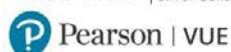
- Prepare the lab environment
- Implement and use Azure Blob storage
- Implement and use Azure File storage



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Course AZ-100T03-A

Deploying and Managing Virtual Machines

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 Weeks

Module 1:

Overview of Azure Machines

- Azure Virtual Machines Overview
- Planning Considerations

Module 2:

Creating Virtual Machines

- Overview of the Virtual Machine Creation Overview
- Creating Virtual Machines in the Azure Portal
- Creating Virtual Machines (PowerShell)
- Creating Virtual Machines using ARM Templates

Module 3:

Deploying Virtual Machine Images

- Deploying Custom Images
- Deploying Linux Virtual Machines

Module 4:

Configuring Virtual Machines

- Overview of Virtual Machine Configuration
- Virtual Machine Networking
- Virtual Machine Storage

Module 5:

Configuring Availability and Extensibility

- Virtual Machine Availability
- Virtual Machine Scalability
- Applying Virtual Machine Extensions

Module 6:

Managing and Monitoring Virtual Machines

- Backup and Restore
- Monitoring Virtual Machines

Module 7:

Lab - Deploy and Manage Virtual Machines

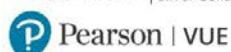
- Deploy virtual machines
- Configure networking setting for virtual machines
- Configure Azure virtual machine scale sets



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Course AZ-100T04-A

Configure & Manage Virtual Networks

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 Weeks

Module 1:

Azure Virtual Networks

- Introducing Virtual Networks
- Creating Azure Virtual Networks
- Review of IP Addressing
- Network Routing

Module 2:

Azure DNS

- Azure DNS Basics
- Implementing Azure DNS

Module 3:

Securing Virtual Network Resources

- Introduction to Network Security Groups
- Implementing Network Security Groups and Service Endpoints

Module 4:

Connecting Virtual Networks

- Intersite Connectivity (VNet-to-VNet Connections)
- Virtual Network Peering

Module 5:

Lab - Configure and Manage Virtual Networks

- Prepare the lab environment
- Configure VNet peering
- Implement custom routing
- Validating service chaining

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Course AZ-100T05-A

Manage Identities

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 Weeks

Module 1:

Managing Azure Active Directory

- Azure Active Directory Overview
- Self-Service Password Reset
- Azure AD Identity Protection
- Integrating SaaS Applications with Azure AD

Module 2:

Managing Azure Active Directory Objects

- Azure Domains and Tenants
- Azure Users and Groups
- Azure Roles
- Managing Devices

Module 3:

Implementing and Managing Hybrid Identities

- Azure Active Directory Integration Options
- Azure AD Application Proxy

Module 4:

Lab - Implement and Manage Hybrid Identities

- Deploy a VM with an AD domain controller
- Create and configure an Azure AD tenant
- Synchronize an AD forest with an Azure AD tenant

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