

AZ-104: Microsoft Azure Administrator, Part 5 of 5: Monitor and Backup Azure Resources

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Prerequisites: Azure Fundamentals AZ-900

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Course description: This Certification (AZ-104) Validates how Azure Administrators implement, manage, and monitor an organization's Microsoft Azure environment. This domain encompasses approximately 10-15% of the exam. This course covers: monitoring resources used, metrics, analytics, alerts, as well as implementing backup and recovery.

Course outline:

Azure Monitor

- Introduction
- Azure Monitor
- Key Capabilities
- Data Types
- Azure Advisor
- Query Activity Log
- Summary

Azure Alerts

- Introduction
- Azure Alerts
- Creating Alert Rules
- Action Groups
- Alerts Experience
- Demo: Alerts
- Summary

Log Analytics

- Introduction
- Log Analytics
- Create a Workspace
- Data Sources
- Demo: Log Analytics
- Summary

Network Watcher

- Introduction
- Network Watcher
- Monitoring and Visualization
- Diagnostics
- Next Hop
- VPN Diagnostics
- NSG Flow Logs
- Connection Troubleshoot

- Summary

Data Replication

- Introduction
- Data Replication
- Locally-redundant Storage
- Geo-redundant Storage
- Compare Strategies
- Summary

Azure Backup

- Introduction
- Azure Backup
- Recovery Services Vault Backup Options
- Demo: Backup Azure File Shares
- Summary

Virtual Machine Backups

- Introduction
- Virtual Machine Backups
- VM Data Protection
- Azure to Azure Architecture
- Implementing VM Backups
- Implement VM Restore
- Backup Comparison
- Summary