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Microsoft 70-764 SQL 2016 - Administering a SQL Database Infrastructure

Module 1: Configure Encryption

- Introduction
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- Restoring AdventureWorks 2016 Database Lab Part 1
- Restoring AdventureWorks 2016 Database Lab Part 2
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 - Always Encrypted Lab
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Module 2: Configure Data Access and Permissions

- Create and Maintain Users
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 - Manage Database Object Permissions Lab Part 1
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Module 4: Develop a Backup Strategy

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Module 6: Manage Database Integrity

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Identify Database Corruption
Recover From Database Corruption

Module 7: Monitor Database Activity

Monitor Current Sessions
Monitor Current Sessions Lab
Identify Sessions that Cause Blocking Activity
Identify Sessions that Consume tempdb Resources

Configure the Data Collector

Module 8: Monitor Queries

Manage the Query Store

Manage the Query Store Lab

Configure Extended Events and Trace Events

Identify Problematic Execution Plans

Module 9: Manage Indexes

Identify and Repair Index Fragmentation

Identify and Create Missing Indexes

Identify and Drop Underutilized Indexes

Manage Existing Columnstore Indexes Part 1

Manage Existing Columnstore Indexes Part 2

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Module 10: Monitor SQL Server Instances

Create and Manage Operators

Create and Manage SQL Agent Alerts

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Configure Policy-Based Management Lab

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Identify the Cause of- Manage Performance Degradation Lab Part 1

Identify the Cause of- Manage Performance Degradation Lab Part 2

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Configure and Monitor Log Shipping Lab Part 1

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Configuring Always On Availability Group Lab Part 2

Conclusion