

# Exam Ref 70-764 Administering a SQL Database Infrastructure

## Chapter 1: Configure data access and auditing

<https://docs.microsoft.com/en-us/sql/t-sql/functions/cryptographic-functions-transact-sql>

[https://technet.microsoft.com/en-us/library/ms365192\(v=sql.105\).aspx](https://technet.microsoft.com/en-us/library/ms365192(v=sql.105).aspx)

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/extensible-key-management-ekm>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/extensible-key-management-using-azure-key-vault-sql-server>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-stored-procedures/sp-describe-parameter-encryption-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/create-and-store-column-master-keys-always-encrypted>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/rotate-always-encrypted-keys-using-powershell>

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-column-master-key-transact-sql>

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-column-encryption-key-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/enable-tde-on-sql-server-using-ekm>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/move-a-tde-protected-database-to-another-sql-server>

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/enable-encrypted-connections-to-the-database-engine>

<https://support.microsoft.com/en-au/help/3135244/tls-1.2-support-for-microsoft-sql-server>

<https://docs.microsoft.com/en-us/sql/sql-server/failover-clusters/troubleshoot-orphaned-users-sql-server>

<https://docs.microsoft.com/en-us/sql/relational-databases/databases/contained-databases>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/contained-database-users-making-your-database-portable>

<https://docs.microsoft.com/en-us/dotnet/framework/data/adonet/sql/enabling-cross-database-access-in-sql-server>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/authentication-access/application-roles>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-stored-procedures/sp-setapprole-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-stored-procedures/sp-set-session-context-transact-sql>

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-firewall-configure>

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-security-tutorial>

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/common-criteria-compliance-enabled-server-configuration-option>

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/c2-audit-mode-server-configuration-option>

<https://docs.microsoft.com/en-us/sql/relational-databases/security/auditing/sql-server-audit-action-groups-and-actions>

<https://www.linkedin.com/pulse/microsoft-changes-feature-support-between-editions-sql-victor-isakov>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-functions/sys-fn-get-audit-file-transact-sql>

<https://azure.microsoft.com/en-au/support/trust-center/>

<https://blogs.msdn.microsoft.com/azuresqldbsupport/2017/05/26/sql-azure-blob-auditing-basic-power-bi-dashboard/>

## Chapter 2:Manage backup and restore of databases

<https://msdn.microsoft.com/en-au/library/dn435916.aspx>

<https://www.microsoft.com/en-au/download/details.aspx?id=40740>

<https://msdn.microsoft.com/en-us/library/ms186358.aspx>

## Chapter 3:Manage and monitor SQL Server instances

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-exec-requests-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-exec-sessions-transact-sql>

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/blocked-process-threshold-server-configuration-option>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-catalog-views/sys-query-store-wait-stats-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-exec-query-stats-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-exec-plan-attributes-transact-sql>

<https://docs.microsoft.com/en-us/sql/t-sql/statements/alter-index-transact-sql>

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-index-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys->

[dm-db-index-operational-stats-transact-sql](https://docs.microsoft.com/en-us/sql/t-sql/database-console-commands/dbcc-show-statistics-transact-sql)

<https://docs.microsoft.com/en-us/sql/t-sql/database-console-commands/dbcc-show-statistics-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-stored-procedures/sp-send-dbmail-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/event-classes/exchange-spill-event-class>

<https://docs.microsoft.com/en-us/sql/relational-databases/event-classes/sort-warnings-event-class>

<https://docs.microsoft.com/en-us/sql/relational-databases/event-classes/hash-warning-event-class>

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-os-wait-stats-transact-sql>

<https://docs.microsoft.com/en-us/sql/relational-databases/performance/performance-monitoring-and-tuning-tools>

## Chapter 4:Manage high availability and disaster recovery

<https://www.microsoft.com/en-us/sql-server/sql-server-downloads>

<https://www.microsoft.com/en-us/evalcenter/evaluate-windows-server-2016/>

<https://blogs.technet.microsoft.com/dataplatform/2016/01/25/sql-server-2016-dtc-support-in-availability-groups>

<https://msdn.microsoft.com/en-us/library/ms366279.aspx>

<https://msdn.microsoft.com/en-us/library/hh759341.aspx>

[https://technet.microsoft.com/en-us/library/hh831349\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/hh831349(v=ws.11).aspx)

[https://technet.microsoft.com/en-us/library/dn466519\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dn466519(v=ws.11).aspx)

[https://technet.microsoft.com/library/cc731002\(WS.10\).aspx](https://technet.microsoft.com/library/cc731002(WS.10).aspx)

<https://support.microsoft.com/en-us/help/3153756/how-to-configure-sql-server-2016-to-send-feedback-to-microsoft>