



Microsoft SQL Server

SQL Server Security

Securing Microsoft SQL Server estates has never been more important, with brute-force attacks against database servers ramping up and MS SQL being at the top of the target list. Attackers can leverage the many extensibility features that SQL server provides to integrate with other Windows components and features to elevate their privileges and gain full control of the underlying servers and infrastructure

By working with trusted specialists, businesses can benefit from Managed Services that aim to reduce the attack surface and vulnerabilities associated with SQL estates.

Three Major SQL Server Security Threats



SQL Server Authentication

- SQL Server login can be vulnerable to connection string injection attacks
- Authentication methods and configuration play a key role in securing SQL
- Connection Strings need to be checked for valid keyword pairs



SQL Injection

- Malicious users can inject commands into query strings
- These commands can damage or corrupt the database or otherwise be used to exfiltrate sensitive data
- Sanitize database inputs to prevent malicious intent



Privilege Escalation

- Privileged accounts pose a security risk with higher level of access than needed
- Least privilege principle should be used
- Periodic reviews for accounts



Secure Database Service



Patching & Vulnerability Reviews

Our team regularly review known vulnerabilities and mitigate, while performing regular patching to keep the estate secure



Backup Policy Review & Testing

Periodic review of backup policy and its effectiveness. Test recovery of databases and testing data



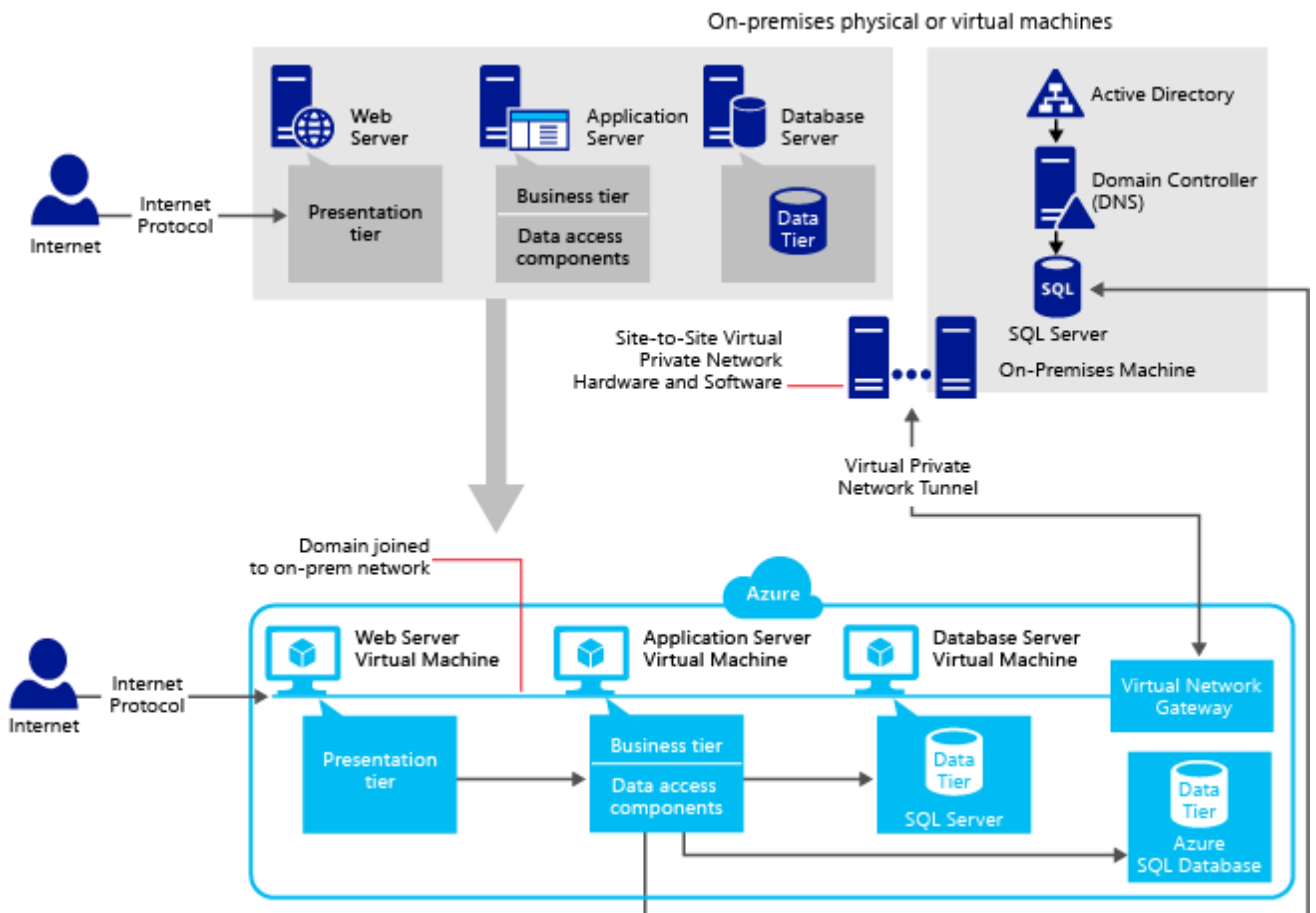
Developer Support

Our team work with you to identify T-SQL queries and stored procedures important to your business, and work with you to improve their performance, stability and security



Security Assessment & Reviews

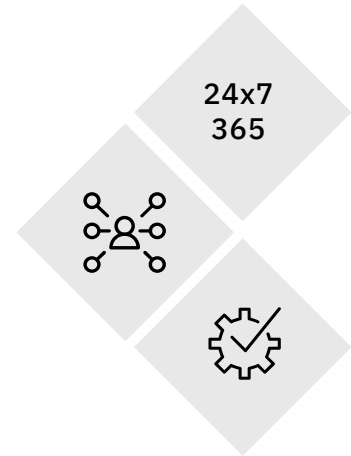
Regular SQL and Host reviews to ensure it is securely configured, patched and up to date and no third-party applications present that could interfere with the SQL instance





Service & Benefits

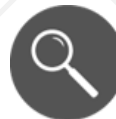
- Fully Managed & Monitored Microsoft SQL Server Estate
- Following Microsoft Best Practices around security posture
- Reducing attack surface
- Optimised Performance to deliver maximum efficiency
- Our team of specialists working closely with you
- Developer Support to provide feedback on queries, stored procedures and other SQL Server objects
- Patch Management for Windows and SQL Server



- **Round-the-clock support** for emergencies (24x7 or 365)
- **Managed & Monitored** – Our team is part of your team when it comes to running the Microsoft SQL Server estate
- Regular **reviews**
- **Event & Incident Management**
- **Certified Experts** - at every level to provide you with the best service and support
- **Simple pricing** structure



ISO 27001
Information Security
Management



ISO 9001
Quality Management



Why Ekco? Our Team...

...Are Experts in What We Do

Our DBA specialists support a wide range of customers with different needs and requirements, and have expertise in high-transaction mission-critical systems. We deliver the highest quality of service through standardised processes and procedures that we have refined on our journey in becoming world-leading SQL experts.

...Delivers Quality and Commitment

Our dedicated and certified engineers are there to support you and your business, ensuring your services are run in an efficient and secure manner.

Service Description	Basic*	Core8**	Smart24***
Preventative Maintenance (Host, Instance & Database)	✓	✓	✓
Patch Management	✓	✓	✓
Capacity Planning	✓	✓	✓
Security Administration	✓	✓	✓
Backup Administration	✓	✓	✓
Backup Testing & Recovery		✓	✓
Portal and Monitoring Platform (xMP)	✓	✓	✓
Advisor (Performance, Security, Dev, Cost)	Basic	✓	✓
Performance Monitoring & Alerting	Basic	✓	✓
Redgate SQL Monitor		✓	✓
Proactive Support	Business Hours	Business Hours	✓
Emergency Support (via Portal & Emergency Line)		Business Hours	✓
Emergency Event & Incident Management		Business Hours	✓

*For Development Systems **For Non-Production and non-Critical Systems ***Mission Critical Production (24/7)