Offline Assessment for SQL Server

Overview
Gain an insight into the health of your SQL Server environment by proactively diagnosing issues and risks and receiving continuous updates to best practice guidance.

Analyze your environment against best practices developed by Microsoft technology experts, then work with a Microsoft engineer to understand your results and develop a plan that limits risk and improves your environment.

Objectives
• Gain an expert’s perspective on what issues to address first.
• Optimize your environment based on Microsoft best practices to prevent issues before they arise.
• Establish a baseline so you can track your progress throughout the year.
• Ensure assessment data does not leave your premises.

Methodology
Setup your assessment
Prior to working with your Microsoft engineer, you will setup your assessment and generate your first set of results.

Expert analysis
Your Microsoft engineer will analyze your results, help you understand each issue identified and ensure that you have the right information to fix the issue.

Persist and improve
Re-assess your environment on a monthly basis using the latest updates to continually drive improvement throughout the year.

Subscription: 12 Months
Engineer Engagement: 4 days (onsite)

Key Takeaways
• Holistic recommendations that enable you to improve your people, process and technology.
• Expert analysis and prioritized remediation guidance.
• Regular updates to guidance and features.
• In-depth review of findings with subject matter expert.
• Limited remediation work within the boundaries of change control.

Scope
Assess the risk of your SQL Server environment across database design, security, performance, availability and more.
This assessment is available for an on-premises, Azure VM, or Amazon EC2 (AWS) SQL Server environment, with a single server or failover cluster running supported versions of SQL Server on Windows Server.
For information about SQL Server Support lifecycle, check the Microsoft SQL Server support lifecycle page.

Agenda
Welcome call
Occurs 2-4 weeks before delivery with your Microsoft Engineer and Technical Account Manager.

Setup and initial results
You complete the assessment setup and initial result gathering prior to your analysis.

Engineer led analysis
Your Microsoft engineer will analyze your results, lead the in-depth review of your findings, provide knowledge transfer and limited remediation work.
Your engineer will work with you to develop a prioritized list of recommendations.

Close out meeting
Finalize and deliver your results.
Offline Assessment for SQL Server Comparison

<table>
<thead>
<tr>
<th>Duration</th>
<th>Offline Assessment for SQL Server</th>
<th>Offline Assessment for SQL Server Security</th>
<th>Offline Assessment Complex for SQL Server</th>
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<tbody>
<tr>
<td>4 Days</td>
<td>4 Days</td>
<td>4 Days</td>
<td></td>
</tr>
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<td>Delivered remotely</td>
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<td>No</td>
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<td>Subscription duration</td>
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<tr>
<td>Number of servers supported</td>
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<tr>
<td>Training and planning on findings</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>

**Detailed Scope and Requirements**

**Technical Scope:**
- SQL Server configuration
- Database design
- Security
- Performance
- Always On and Cluster configurations
- Upgrade readiness
- Error log analysis

**Supported scenarios:**
- Single server
- Failover Cluster
- AlwaysOn Availability Groups
  - Domain-independent and Read - Scale availability groups are supported with some limitations

**Requirements:**
- The requirements to get your environment ready to perform the assessment are explained in the pre-requisites document available at https://www.microsoft.com/en-us/download/details.aspx?id=34698

**All Offline Assessment data remains onsite**

With Offline Assessments, your data never leaves your site.
- All data collection and analysis is done locally on a machine that you provide.
- No data is transported outside your physical location to ensure maximum control and protection of your data.
- All data is analyzed by the Offline Assessment client, which only requires local area network connectivity.
- Internet connectivity is only required to activate your account and download the Offline Client toolset.

**Be proactive across Focus Areas**

- **Availability and Business Continuity:** Maximize your service availability and plan for disaster recovery
- **Change and Configuration Management:** Manage changes to services configuration settings across your environment.
- **Operations and Monitoring:** Manage and perform day-to-day operations within your environment.
- **Performance and Scalability:** Deliver the expected user experience by managing current and future performance and capacity requirements.
- **Security and Compliance:** Protect your services from attack and ensure the integrity and privacy of your data.
- **Upgrade, Migration and Deployment:** Manage product or development lifecycles, migrations between platforms, and deployment of new services into your environment.

**For more information**

Contact your Microsoft Account Representative for further details.