

# On-Demand Assessment SQL Server: Remote Engineer

## On-Demand Assessment

**Engineer Engagement:** 1 day (remote)

### Overview

Gain an insight into the health of your SQL Server environment by proactively diagnosing issues and risks, reviewing your results online, 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 you should 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.

### Methodology

#### Setup your assessment

Prior to working with your Microsoft engineer, you will setup your assessment and generate your first set of results. Get started at <https://docs.microsoft.com/en-us/services-hub/health/index>.

#### 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.

### Key Takeaways

- Holistic recommendations that enable you to improve your people, process and technology.
- Expert analysis and a prioritized guidance on what to fix first.
- Regular updates to guidance and features.

### 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 and lead the review of your findings.

Your engineer will work with you to develop a prioritized list of recommendations.

#### Close out meeting

Finalize and deliver your results.

## On-Demand Assessment - SQL Server Comparison

	On-Demand Assessment - SQL Server: Remote Engineer	On-Demand Assessment - SQL Server: Onsite Engineer
Duration	1 Day	3 Days (1 remote/2 onsite)
Delivered remotely	Yes	No
Access to findings and updates	Support agreement duration	Support agreement duration
Training and planning on findings	No	Yes

## 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://docs.microsoft.com/en-us/services-hub/health/assessment\\_prereq\\_docs/prereqsqlassessment.pdf](https://docs.microsoft.com/en-us/services-hub/health/assessment_prereq_docs/prereqsqlassessment.pdf)

## 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.