

Hyper-V® Health Check

Saving you valuable time and money in the future

A scheduled inspection to review your existing Microsoft Hyper-V environment.

Health Check for Microsoft Hyper-V is designed for customers who:

- want to enhance their Hyper-V cluster or single installation
- want to compare the performance of their environment against Microsoft best practices
- have identified performance issues or any other problems
- want an assessment from a Microsoft perspective to confirm if their environment is running a supported state

Delivered by highly experienced and accredited engineers from Microsoft, Hyper-V Health Check helps you:

- Meet availability goals while improving efficiency
- Reduce support costs.
- Benefit from practical recommendations.

For more information about consulting and support solutions from Microsoft, contact your Microsoft services representative or visit www.microsoft.com/services

Overview

Microsoft Hyper-V Health Check is a proactive service that delivers prescriptive problem identification and suggested resolution guidance for selected components within your Microsoft Hyper-V implementation. The Health Check is designed to uncover potential performance and application configuration risks and provide recommendations for any identified issues.

How the Offering Works

Data collection and analysis are key components of a successful engagement. During the Hyper-V Health Check data is collected and analyzed in depth. This includes the following areas:

Operating System Configuration

- Driver versions
- Page file
- Memory Dump
- Service Packs and recommended Hotfixes
- Antivirus Exclusions
- Firewall settings

Storage

- Storage type
- Connection

Network:

- Interface
- Configuration

- Virtual switch

Hyper-V Host configuration :

- Capacity planning
- Supportability issues

Virtual Machine

- Configuration

Cluster

- Configuration: Review Validation Report
- CSV / Live Migration implementation

Disaster Recovery

- Backup method
- Restore method

Performance

- Detailed performance analysis

The Hyper-V Health Check will not cover System Center Virtual Machine Manager deployment.

We will set up a call to discuss your environment and any areas of concern and the engagement duration.

Engagement duration

The duration of the engagement depends on your environment. The table below gives you the number of required days regarding your environment :

	Tier 1	Tier 2	Tier 3	Tier 4
Max # of Nodes / VM	Up to 4 nodes	From 5 to 16 Nodes	From 17 to 48 Nodes	More than 48 Nodes
Days onsite	2	3	4	Custom
Days offsite	1	1	1	Custom
Total	3	4	5	Custom

From there we will investigate your systems, asking any pertinent questions along the way. The result will be recommendations and remediation steps, a scorecard, and details explaining how recommendations are achieved.

Improve Efficiency

An experienced engineer will review the existing implementation to detect and document Hyper-V best practices.

Save time and money

Obtain proactive, sound advice to help avoid expensive downtime due to performance issues

Requirements/Deliverables

The Health Check is an integral part of your product implementation lifecycle for Hyper-V. It includes the following deliverables:

Detailed Implementation Information: A report is provided detailing diagnostic information and application configuration settings. This report will offer significant detail about your implementation and its underlying infrastructure. It focuses on the Microsoft Hyper-V host configuration and virtual machines configuration supporting infrastructure only.

Component Scorecard: A user-friendly scorecard is delivered, detailing the health of each component reviewed, including a rating of Good, Fair, or Poor to help determine next steps in resolution. The scorecard focuses on the Microsoft virtualization business system and support infrastructure.

Recommendations and Conclusions: An analysis is completed on performance and preferred practices with Microsoft recommendations

IT requirements

- Dedicated Windows 7 Workstation X64_(English)
- RSAT Tools
- .Net Framework 3.5
- Internet access
- Administrative Account
- No Firewalls
- Powershell v2.0 Execution Policy set to RemoteSigned on Hyper-V servers.