



## SERVICE BRIEF

# Microsoft Hyper-V

Virtualization software for Windows Server.

### Take Full Advantage Of Virtual Machines.

*Virtualization is an important part of doing business with modern technology.*



Microsoft  
Hyper-V

Using virtual machines that have been abstracted from their physical

counterparts can provide benefits such as decreased capital and operational costs, and improved workplace efficiency. By effectively leveraging virtualization technologies to your advantage, your organization can ensure smooth operations.

Microsoft's virtualization software, Hyper-V, is a hypervisor that allows your organization to create and host virtual machines, like desktops and servers, on x86-64 systems. These systems can then be exposed to your computing infrastructure through your network, effectively allowing your team to access mission-critical information, cloud-based applications, and even a full virtual desktop infrastructure, without running the information locally on their own workstations or thin clients.

### Create And Manage Virtual Machines

*Easily manage your virtual servers, desktops, and other networking hardware.*

Hyper-V allows your business to create virtual machines, like servers and desktops, and host them in an online environment. You can then connect your business' workstations and thin clients to them. A simple user interface means

that your organization can easily add, remove, and delete virtual machines as the need arises.

### Reduce Operational Costs

*Less machines means fewer resources. used*

When you virtualize your servers and workstations using Hyper-V, you are essentially abstracting the software from the physical component, allowing you to store the software and deploy it through a virtual environment. This means that you no longer have to rely on multiple servers to host all of your data and applications. This naturally leads to a decrease in operational costs, like electricity and air conditioning, that might be required to optimize the functionality of your hardware.

### Take Advantage Of A Flexible Virtual Environment

*Control your parameters and network resources.*

Virtualizing your business's hardware solutions is only as valuable as how you manage your network's resources. This includes delegating how much memory each individual virtual machine is capable of using at any given time. Hyper-V allows for control over your virtual resources, so you can know with certainty that your resources are being deployed in the most efficient manner possible. Furthermore, if your organization uses legacy applications, you can more easily run them on virtual servers, which makes upgrading your technology easier than ever.

### Features

- Hyper-V software from Microsoft
- Allows you to create and host virtual machines.
- Team can access resources remotely.
- Reduction in need of physical infrastructures and servers.
- Ability to delegate the memory of each virtual machine you control at any given time.
- Control over resources allows you to be certain that resources are being deployed at maximum efficiency.

### Benefits

- Virtual machines allow your team to access your computing infrastructure without running the information locally.
- Simple to add and remove virtual machines by need.
- Decreased infrastructure and associated costs.
- Greater efficiency in your resource deployment.
- Virtual servers allow legacy applications to be run more easily.

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