

Product Line Card

HITACHI DATA SYSTEMS INTEGRATION WITH MICROSOFT®

	Description	Supported Systems	Microsoft® Compatibility	Download
Converged				
Hitachi Converged Adapter for Microsoft® System Center Operations Manager	<ul style="list-style-type: none"> Monitors and triggers alerts for Hitachi Unified Compute Platform. Manages physical and virtual infrastructure. Reduces mean time to resolution (MTTR) and operational costs. 	<ul style="list-style-type: none"> Hitachi Unified Compute Platform 4000 Hitachi Unified Compute Platform 4000E 	<ul style="list-style-type: none"> Microsoft® Windows Server® 2012 R2 Microsoft System Center 2012 R2 	1. portal.hds.com 2. https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html
Storage				
Hitachi Storage Adapter for Microsoft® Windows Azure® Pack	<ul style="list-style-type: none"> Provides self-service platform for your Microsoft® Hyper-V® private cloud environments. Enables infrastructure as a service (IaaS) to internal users. Allows storage administrators to create service plan with Hitachi storage resources and storage profiles. Enables end users to use the self-service portal to create virtual machines (VMs) by selecting the Hitachi storage profile. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) VSP G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage VM (HUS VM) 	<ul style="list-style-type: none"> Microsoft Windows Server® 2012 R2 Microsoft System Center 2012 R2 	1. portal.hds.com 2. https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html

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Storage (continued)				
Hitachi Storage Adapter for Microsoft® Windows® PowerShell®	<ul style="list-style-type: none"> Provides a set of Hitachi storage cmdlets for discovering Hitachi storage system information. Enables administrator to use Hitachi storage cmdlets, to create scripts together with logic and the other Microsoft® Windows® PowerShell® cmdlets to automate complex tasks. Allows administrator to filter, sort and group the storage information by piping the output of the Hitachi storage cmdlets to the Windows PowerShell cmdlets. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage (HUS): HUS VM, HUS 130, HUS 150 Hitachi NAS Platform (HNAS) Hitachi Content Platform (HCP) 	<ul style="list-style-type: none"> Microsoft Windows Server® 2008 R2 Windows Server 2012 R2 Microsoft PowerShell® 	<ol style="list-style-type: none"> portal.hds.com https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html
Hitachi Storage Adapter for Microsoft® System Center Virtual Machine Manager	<ul style="list-style-type: none"> Helps Virtual Machine Manager users to orchestrate storage operations and data services, such as LUN provisioning and virtual machine (VM) cloning. Provides deep visibility into the state of Hitachi storage components, including detailed information on storage resources, such as used capacity, free capacity, provisioned VMs and host list. Offers insight into all the data stores in storage systems. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage (HUS): HUS VM, HUS 150, HUS 130, HUS 110 	<ul style="list-style-type: none"> Microsoft System Center 2012 R2 Microsoft Windows Server® 2012 R2 	<ol style="list-style-type: none"> portal.hds.com https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html
Hitachi Storage Adapter for Microsoft® System Center Orchestrator	<ul style="list-style-type: none"> Enables virtual infrastructure administrator to rapidly design and deploy workflows that automate provisioning of infrastructure services involving Hitachi storage systems. Provides 106 built-in workflows that can be used by an administrator to automate storage tasks. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) VSP G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage (HUS): HUS VM, HUS 150, HUS 130 Hitachi NAS Platform (HNAS) Hitachi Content Platform (HCP) 	<ul style="list-style-type: none"> Microsoft Windows Server® 2012 R2 Microsoft System Center 2012 R2 	<ol style="list-style-type: none"> portal.hds.com https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html

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Storage (continued)				
Hitachi Storage Adapter for Microsoft® SQL Server® Remote BLOB Storage	<ul style="list-style-type: none"> Improves SQL database performance by allowing binary large objects (BLOBs) to be stored on Hitachi storage instead of directly on SQL server tables. Includes three RBS providers: common Internet file system (CIFS), Hitachi Content Platform (HCP), and Hitachi NAS Platform (HNAS). Supports create BLOB, delete BLOB, read BLOB and BLOB enumeration operations. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage (HUS): HUS VM, HUS 150 Hitachi NAS Platform Hitachi Content Platform 	<ul style="list-style-type: none"> Microsoft SQL Server® 2008, 2010 or 2012; Enterprise or Standard 	<ol style="list-style-type: none"> portal.hds.com https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-and-adapter-downloads.html
Hitachi Storage Adapter for Microsoft® Volume Shadow Copy Service	<ul style="list-style-type: none"> Integrates with Microsoft Volume Shadow Copy Service to allow hot backup of data using Hitachi storage systems. Uses Hitachi ShadowImage in-system replication, Hitachi Copy-on-Write Snapshot or Hitachi Thin Image to create snapshots in Hitachi storage systems. 	<ul style="list-style-type: none"> Hitachi Virtual Storage Platform (VSP) VSP G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 VSP F series: VSP F800, VSP F600, VSP F400 Hitachi Unified Storage (HUS): HUS VM, HUS 150, HUS 130, HUS 110 Hitachi Adaptable Modular Storage (AMS) 2010, AMS 2100, AMS 2300, AMS 2500 	<ul style="list-style-type: none"> Microsoft Windows Server® 2008 R2 Microsoft Windows Server 2012 R2 	<ol style="list-style-type: none"> portal.hds.com https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-and-adapter-downloads.html

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Server				
Hitachi Server Adapter for Microsoft® System Center Orchestrator (SCO)	<ul style="list-style-type: none"> ▪ Extends SCO functionality to include management of specific Hitachi server systems. ▪ Provides server configuration, discovery and additional management functionality for customized automation. ▪ Allows accelerated deployment of compute infrastructure resources through automated workflows involving Hitachi components. ▪ Enables system administrators to resolve issues quickly and reuse their solutions as best practices, thus avoiding errors and repetitive work. 	<ul style="list-style-type: none"> ▪ Hitachi Compute Blade (CB) 2500, CB 500 ▪ Hitachi Compute Rack (CR) 220, CR 110 ▪ Hitachi Unified Compute Platform 2000 ▪ Rack optimized server for solutions, 2U four node 	<ul style="list-style-type: none"> ▪ Microsoft System Center 2012 R2 ▪ Microsoft Windows Server® 2012 R2 	<ol style="list-style-type: none"> 1. portal.hds.com 2. https://www.hds.com/solutions/virtualization/micro-soft-hyper-v/plug-in-and-adapter-downloads.html
Hitachi Server Adapter for Microsoft® Windows® PowerShell®	<ul style="list-style-type: none"> ▪ Allows IT administrators to create scripts to orchestrate and automate complex operation tasks. ▪ Enables administrators to filter, sort and group server information by piping the output of the adapter cmdlets to other Windows PowerShell cmdlets. 	<ul style="list-style-type: none"> ▪ Hitachi Compute Blade (CB) 2500, CB 500 ▪ Hitachi Compute Rack (CR) 220, CR 110 ▪ Hitachi Unified Compute Platform 2000 ▪ Rack optimized server for solutions, 2U four node 	<ul style="list-style-type: none"> ▪ Microsoft Windows Server® 2008 R2 ▪ Microsoft Windows Server 2012 R2 	<ol style="list-style-type: none"> 1. portal.hds.com 2. https://www.hds.com/solutions/virtualization/micro-soft-hyper-v/plug-in-and-adapter-downloads.html
Hitachi Server Adapter for Microsoft® System Center Virtual Machine Manager	<ul style="list-style-type: none"> ▪ Allows Hitachi Compute Blade server information to be integrated in to Microsoft® System Center Virtual Machine Manager. ▪ Allows you to create schedules to discover and monitor server components. ▪ Enables bare-metal deployment of the Microsoft Windows® operating system onto a Hitachi server. 	<ul style="list-style-type: none"> ▪ Hitachi Compute Blade (CB) 2500, CB 500 ▪ Hitachi Compute Rack (CR) 220, CR 110 ▪ Hitachi Unified Compute Platform 2000 ▪ Rack optimized server for solutions, 2U four node 	<ul style="list-style-type: none"> ▪ Microsoft Windows Server® 2012 R2 ▪ Microsoft System Center 2012 R2 	<ol style="list-style-type: none"> 1. portal.hds.com 2. https://www.hds.com/solutions/virtualization/micro-soft-hyper-v/plug-in-and-adapter-downloads.html

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Server (continued)				
Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager	<ul style="list-style-type: none"> ▪ Provides monitoring and alerting capabilities to reduce mean time to resolution (MTTR) and operational costs of Hitachi storage and server systems. ▪ Generates alerts for availability and performance situations on Hitachi storage and server systems. ▪ Monitors performance metrics for storage system controller ports, logical units, Hitachi Data Provisioning pools, and RAID groups. ▪ Provides object views for snapshots (file and block), and storage replication, both in-system and remote. 	<ul style="list-style-type: none"> ▪ Hitachi Virtual Storage Platform (VSP) G series: VSP G1000, VSP G800, VSP G600, VSP G400, VSP G200 ▪ Hitachi Unified Storage: HUS VM, HUS 150, HUS 130, HUS 110 ▪ Hitachi NAS Platform (HNAS) ▪ Hitachi Adaptable Modular Storage (AMS) 2100, AMS 2300, AMS 2500 ▪ Hitachi Compute Blade (CB): CB 500, CB 2000, CB 2500 ▪ Hitachi Compute Rack (CR): CR 210H, CR 220H, CR 220S 	<ul style="list-style-type: none"> ▪ Microsoft Windows Server® 2008 R2 ▪ Windows Server 2012 R2 ▪ Microsoft System Center 2012 R2 	<p>1. portal.hds.com</p> <p>2. https://www.hds.com/solutions/virtualization/microsoft-hyper-v/plugin-in-and-adapter-downloads.html</p>



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