

Overview

The HP Management Pack for Systems Center Operations Manager provides seamless integration with Microsoft Systems Center Operations Manager and now System Center Essentials by integrating predefined discovery and state monitoring policies, event processing rules and tasks, and diagram and topology views for the storage system.

This comprehensive integration solution allows administrators to proactively streamline IT operations and increase systems availability by monitoring Microsoft Windows environments and HP Storage products through a common Microsoft System Center Operation Manager console. It complements the Management Packs for ProLiant and Integrity servers-and also complements HP Systems Insight Manager tools to ensure that you have the broadest collection of capabilities when deploying a systems management infrastructure for your HP servers and storage.

Key Features and Benefits:

The HP Storage Management Pack integrates hardware resource management into Microsoft System Center Operation Manager and provides the following functionality:

- Monitor HP Storage Hardware in Operations Manager
 - Predefined rules to process and clearly display events and alerts for HP storage hardware in the Operations Manager Operator Console
- Automated Installation and Discovery
 - Fully scripted installation that creates HP specific groups and copies HP rules, scripts, views, tasks and knowledge base data to the OpsMgr 2007 database
 - Discover and manage multiple HP Storage products and management environments
- Compatibility with HP Resource Management Tools
 - Works with HP Insight Control suite for Microsoft System Center

What's New

- Diagram view with health state of the HP 3PAR StoreServ Storage, HP StoreVirtual Storage, HP P2000 MSA Storage and HP StoreEasy 5000 Storage
 - Support for System Center Operations Manager 2012 Service Pack 1 (SP1)
 - Support for System Center Operations Manager 2007 R2 and 2012
 - Support for Windows Server 2012 Operating System
-

QuickSpecs

HP Storage Management Pack for Microsoft System Center

Overview

Unified Storage management

The HP Management Pack is plug-in for System Center uniquely provides unified information and management for HP Storage, in a System Center environment. Information about the corresponding HP Storage alerts is displays with appropriate severity in folders of the System Center Monitoring panel located on the left-hand side of the console, along with appropriate contextual description.

Supported HP Storage Systems

Lists the hardware supported by the HP Storage Management Pack:

Supported HP Storage Systems	
HP 3PAR StoreServ Storage	HP 3PAR StoreServ 10000 Storage HP 3PAR StoreServ 7000 Storage F-Class T-Class HP 3PAR OS 3.1.1 and 3.1.2
HP StoreOnce Backup	HP StoreOnce Backup: HP D2D 2000, D2D 4000 and HP StoreOnce B6000 Backup Systems
HP StoreVirtual Storage	HP StoreVirtual 4130/4330/4330 FC, HP P4300 G1/G2, HP P4500 G1/G2, HP LeftHand VSA/ StoreVirtual VSA, HP P4800 G2, HP P4900 G2 and LeftHand OS v.10.0 and v.9.5 (formerly known as SAN/iQ)
HP StoreEasy Storage	HP StoreEasy 5000 Storage HP StoreEasy 1000 Storage and HP StoreEasy 3000 Storage
HP EVA P6000 Storage	HP EVA P6000 Storage: HP EVA 4x00, HP EVA 6x00, HP EVA 8x00, HP EVA P6000 Storage and HP Command View EVA Software v.10.0 or later
HP XP P9000 Storage	HP XP 9000 Storage: XP 24000 Arrays and HP XP 9500
HP MSA P2000 Storage	HP P2000 MSA Storage: HP P2000 MSA G3 (FC, FC/iSCSI Combo, 10GbE iSCSI, 1GbE iSCSI, SAS)
HP StoreEver Tape Drives	HP StoreEver Tape Drives: ESL E-Series, EML E-Series, ESL 6000/9000/12000, and MSL Series

Installation pre-requisites for HP Storage management pack available in [HPStorageManagementPackforSystemCenterUserGuide](#)

Simplified Installation, Licensing, and Support

HP Storage Management Pack can be downloaded free from the following website:

https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=System_Center

Support for the plug-in is available with an HP service agreement. To access the HP support portal, visit <http://www.hp.com/support>.



Overview

HP Storage UI Add-in for Microsoft System Center: Virtual Machine Manager

HP Storage UI add-in for System Center Virtual Machine Manager (SCVMM) enables enhanced integration of SCVMM and HP Storage providing our customers a single pane-of-glass monitoring view of physical, virtual and cloud environments. It automates HP Storage management and provides an integrated view of VMs and associated storage resources.

Key Features and Benefits:

HP Storage supports all SMI-S-enabled functionality introduced in SCVMM 2012 - Storage Discovery, Storage Classification, Storage Provisioning and Storage Allocation.

HP Storage also provides a new HP Storage UI Add-in for enhanced monitoring, provisioning and control of HP Storage in SCVMM environment.

What's New

HP Storage SCVMM UI Add-in:

- Provides dashboard information of Virtual Machines, Hosts, LUNs, CPGs, and their communication protocols.
- Provides context sensitive in-depth info of volumes and their remote copies.
- Provides detailed path information of VMs upto Storage arrays of HP 3PAR StoreServ systems.
- Provide link/launch to 3PAR StoreServ and HP StoreOnce Backup device management software.
- Provide resizing of the LUNs for HP 3PAR StoreServ arrays.
- Show Adaptive Optimization (AO) policy details for HP 3PAR StoreServ arrays.
- List alerts received from System Center Operation Manager for HP 3PAR StoreServ arrays.
- Provide information of HP StoreOnce Backup systems

Supported HP Storage Systems

Lists the hardware supported by the HP Storage Management Pack:

Supported HP Storage Systems	
HP 3PAR StoreServ Storage	HP 3PAR StoreServ 10000 Storage HP 3PAR StoreServ 7000 Storage F-Class T-Class HP 3PAR OS 3.1.1 and 3.1.2
HP StoreOnce Backup	HP StoreOnce Backup: HP D2D 2000, D2D 4000 and HP StoreOnce B6000 Backup Systems

Overview

Other product information

The following are helpful resources relating to Operations Manager and Management Pack:

- System Center Operations Manager 2007 & R2
<http://technet.microsoft.com/en-us/library/bb310604.aspx>
- SCOM deployment guide and authoring guide:
<http://technet.microsoft.com/en-us/systemcenter/om/bb498235.aspx>
- Additional MP authoring resources:
<http://technet.microsoft.com/en-us/systemcenter/om/cc671407.aspx>
- HP Fabric Management Add-in for HP Virtual Connect
<http://www.hp.com/go/icsc>
- Download HP Storage Management Pack 3.0.1 2.0 for System Center free from
https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=System_Center
- Download HP Storage UI Add-in for Microsoft System Center Virtual Machine Manager (SCVMM) from
https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=System_Center
- Frequently updated Q&A webpage
https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=System_Center#qa

© Copyright 2013 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.