

# SUPPORT MATRIX

## EMC® Storage Resource Management Suite

Version 2.0u1

### Support Matrix

P/N 300-015-169

REV 02

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This document lists the base products and storage devices supported by this version of EMC® Storage Resource Management Suite. It contains the following topics:

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## Revision history

[Table 1](#) lists the revision changes of this document.

**Table 1** Support Matrix revision history.

Revision	Date	Description
02	September 27, 2013	<p>Updated and added the following SolutionPack versions in <a href="#">Table 2 on page 3</a>:</p> <ul style="list-style-type: none"> <li>• Watch4net 6.2u4</li> <li>• Cisco UCS</li> <li>• IBM XIV</li> <li>• HP3PAR</li> <li>• Centera</li> <li>• Microsoft Hyper-V</li> <li>• Hitachi Device Manager</li> <li>• Data Domain</li> <li>• Converged Infrastructure</li> </ul> <p>Added Performance Collector Unisphere 1.6 in <a href="#">Table 6 on page 5</a>.</p> <p>Added support for DS 6000 Series DS 8000 Series in <a href="#">Table 8 on page 6</a>.</p> <p>Added support for the following SolutionPacks:</p> <ul style="list-style-type: none"> <li>• Cisco UCS</li> <li>• IBM XIV</li> <li>• HP3PAR</li> <li>• Centera</li> <li>• Microsoft Hyper-V</li> <li>• Hitachi Device Manager</li> <li>• Data Domain</li> <li>• Converged Infrastructure</li> </ul>
01	May 7, 2013	Initial version for the 2.0 release.

## Base product and SolutionPack compatibility

Table 2 lists the base product compatibility for Storage Resource Management Suite 2.0.

**Table 2** Base product and SolutionPack compatibility

Product	Version
Watch4net®	6.2u4
SolutionPack for EMC Watch4net Health	1.1
SolutionPack for Brocade Fabric	1.1
SolutionPack for Cisco MDS and Nexus	1.0
SolutionPack for Cisco UCS	1.0
SolutionPack for EMC VNX	1.3
SolutionPack for EMC VMAX	2.1
SolutionPack for IBM DS Series	1.0
SolutionPack for IBM SVC	1.0
SolutionPack for IBM XIV	1.1
SolutionPack for NetApp Filers	2.0
SolutionPack for Isilon	1.2
SolutionPack for VPLEX	1.4
SolutionPack for HP EVA	0.2
SolutionPack for HP3PAR	1.0
SolutionPack for EMC ProSphere-SCA	2.0
SolutionPack for Centera	1.2
SolutionPack for Microsoft Hyper-V	1.1
SolutionPack for Hitach Device Manager	1.0
SolutionPack for Data Domain	1.0
SolutionPack for Converged Infrastructure	1.0
SolutionPack for VMware vCenter	1.2
SolutionPack for Oracle	1.1
SolutionPack for ProSphere-SCA	2.1

## SolutionPack for Brocade Fabric

Table 3 lists the collector, prerequisites, and communication port information for this SolutionPack.

**Table 3** SolutionPack for Brocade Fabric

Supported Model	Collector	Prerequisites	Port
<ul style="list-style-type: none"> <li>• Brocade 300, 4100, 4900, 5000, 5100, 5300, 5410, 5424, 5450, 5460, 5470, 5480, 7500, 7500E, 7600</li> <li>• Brocade 7800 Extension Switch</li> <li>• Brocade 8000 FCoE Switch</li> <li>• Brocade Encryption Switch</li> <li>• Brocade DCX Backbone and Brocade DCX-4S Backbone: FA4-18 Fibre Channel application blade, FCOE10-24 DCX Blade, FS8-18 Encryption Blade, FC8-16 port blade, FC8-32 port blade, FC8-48 port blade, FC8-64 port blade</li> <li>• Fabric OS MIB Reference: 53-1001768-01, FC10-6 port blade, FR4-18i router blade, FX8-24 DCX Extension Blade</li> <li>• Brocade 48000 director: FA4-18 Fibre Channel application blade, FC4-16 port blade, FC4-16IP, FC4-32 port blade, FC4-48 port blade, FC10-6 port blade, FR4-18i router blade</li> <li>• Brocade VA-40FC</li> </ul>	SNMP-Collector	<p>All Brocade switches that are running FOSv4.x and later.</p> <p>SNMP compliant with FC-MGMT MIB.</p>	SNMP (default is port 161)

## SolutionPack for Cisco MDS and Nexus

Table 4 lists the supported Cisco fabric.

**Table 4** SolutionPack for Cisco fabric

Supported Model	Collector	Prerequisites	Port
Cisco MDS (MDS 9148, DS-C9124, DS-C9506, DS-C9509, DS-C9513, ONS 15201, ONS 15202, DS-X9216)	Text-Collector		
Cisco Nexus (Nexus 5548, Nexus 1000V)	Collector for SNMP	<p>The following Cisco MIBs are needed:</p> <ul style="list-style-type: none"> <li>• cisco-entity-fru-control-mib</li> <li>• cisco-entity-sensor-mib</li> <li>• cisco-fc-fe-mib</li> <li>• cisco-fcs-mib</li> <li>• cisco-vsant-mib</li> </ul>	SNMP (default is port 161)

## SolutionPack for Cisco UCS

Table 5 lists the supported Cisco UCS devices.

**Table 5** SolutionPack for Cisco UCS

Supported Model	Collector	Prerequisites	Port
Cisco UCS Manager 2.0 and higher Cisco UCS C-Series (CIMC) 1.4 and higher	XML-Collector		80 or 443

## SolutionPack for EMC VNX

Table 6 lists the supported EMC VNX devices.

**Table 6** SolutionPack for EMC VNX

Supported Model	Collector	Prerequisites	Port
CLARiiON CX-series (CX4-xxx with FLARE R30, R31, R32)  VNX Series with FLARE R32 (5100, 5300, 5700, 7500)	Text-Collector	Navisphere CLI commands are used to communicate with the VNX. EMC recommends matching Navisphere CLI versions with the Block Operating Environment versions of VNX systems configured in VNX Monitoring and Reporting. For more information on compatible Block OE and Navisphere CLI versions, see the VNX OE for Block Release Notes and the Unisphere Host Agent/CLI and Utilities Release Notes located on EMC Online Support.	Navisphere CLI (default TCP) (part of the unisphere package)
VNX Series Release 7.0 and 7.1 (5100, 5300, 5500, 5700, 7500)  VNX Gateway Release 7.0 and 7.1 (VG2, VG8)  Celerra DART 5.6 and 6.0 (NX4, NS-120, NS-480, NS-960)	Text-Collector XML-Collector	XML API available ssh access to VNX-File / Celerra with an "operator" user. 6.1	CLI (SSH) XML API

## SolutionPack for EMC VMAX

Table 7 lists the supported EMC VMAX devices.

**Table 7** SolutionPack for EMC VMAX

Supported Model	Collector	Prerequisites	Port
DMX	XML Collector	Solutions Enabler 7.5.1 and later	
VMAX (VMAX, VMAX-10K, VMAX-20K, VMAX-40K)	Performance Collector Unisphere 1.6		

## SolutionPack for IBM DS Series

Table 8 lists the supported IBM DS devices.

**Table 8** SolutionPack for IBM DS

Supported Model	Collector	Prerequisites	Port
DS 3000 Series DS 4000 Series DS 5000 Series	XML-Collector	Storage Manager SMClient (SMcli) IBM SMI-S provider	5988 (http) or 5989 (https)
DS 6000 Series DS 8000 Series			

## SolutionPack for IBM SVC

Table 9 lists the supported IBM SVC devices.

**Table 9** SolutionPack for IBM SVC

Supported Model	Collector	Prerequisites	Port
SVC & V7000 Code Level 6.1.3 and above 6.3.0.4 (build 54.8.1207100000) 6.3.0.3 (build 54.7.1205100000) 6.3.0.2 (build 54.7.1203230000)	XML-Collector		XML API

## SolutionPack for IBM XIV

[Table 10](#) lists the supported IBM XIV devices.

**Table 10** SolutionPack for IBM XIV

Supported Model	Collector	Prerequisites	Port
IBM XIV	XML-Collector		

## SolutionPack for NetApp Filers

[Table 11](#) lists the supported NetApp Filer devices.

**Table 11** SolutionPack for NetApp Filers

Supported Model	Collector	Prerequisites	Port
All NetApp Filer devices supporting the NETWORK-APPLIANCE-MIB MIB	SNMP-Collector Text-Collector		SNMP (default is port 161)

## SolutionPack for Isilon

[Table 12](#) lists the supported Isilon devices.

**Table 12** SolutionPack for Isilon

Supported Model	Collector	Prerequisites	Port
Isilon 5.0 and higher	SNMP-Collector	SNMP Read-Only activated on the monitored equipment	SNMP (default is port 161)

## SolutionPack for VPLEX

[Table 13](#) lists the supported VPLEX devices.

**Table 13** SolutionPack for VPLEX

Supported Model	Collector	Prerequisites	Port
VPLEX 5.0 and higher (Geo and Metro)	Collector for XML/SOAP	CLI Access permission	SSH (TCP/22)

## SolutionPack for HP EVA

Table 14 lists the supported HP EVA devices.

**Table 14** SolutionPack for HP EVA

Supported Model	Collector	Prerequisites	Port
HP EVA 0.2	XML-Collector		

## SolutionPack for HP3PAR

Table 15 lists the supported HP3PAR devices.

**Table 15** SolutionPack for HP3PAR

Supported Model	Collector	Prerequisites	Port
F-Class	Text-Collector		22 (SSH)

## SolutionPack for ProSphere-SCA

Table 16 lists the supported ProSphere and SCA versions.

**Table 16** SolutionPack for ProSphere-SCA

Supported Model	Collector	Prerequisites	Port
ProSphere 2.0 or higher	XML-Collector	Full read-only user on all ProSphere servers	REST API via TCP (443)
Storage Configuration Advisor 3.0.0.0.1.126S or higher		Enable SNMP Trap forwarding in SCA	

## SolutionPack for Centera

Table 17 lists the supported Centera devices.

**Table 17** SolutionPack for Centera

Supported Model	Collector	Prerequisites	Port
EMC Centera	Text-Collector	Centera Viewer CLI (v4.2, v4.3)	



## SolutionPack for Microsoft Hyper-V

Table 18 lists the supported Microsoft Hyper-V devices.

**Table 18** SolutionPack for Microsoft Hyper-V

Supported Model	Collector	Prerequisites	Port
Hyper-V on Windows Server 2008 R2 Service Pack 1 or newer. Hyper-V Server 2008 R2 Service Pack 1 or newer.	XML-Collector		

## SolutionPack for Hitachi Device Manager

Table 19 lists the supported HDS devices.

**Table 19** SolutionPack for Hitachi Device Manager

Supported Model	Collector	Prerequisites	Port
Hitachi Command Suite 7 and higher AMS200 AMS2100 USP_V HDS9970V	XML-Collector		

## SolutionPack for Data Domain

Table 20 lists the supported Data Domain devices. -

**Table 20** SolutionPack for Data Domain

Supported Model	Collector	Prerequisites	Port
EMC Data Domain	SNMP-Collector	If you are updating from an older version, ensure that the SolutionPack block Generic-SNMP is updated to version 1.2 or newer.	SNMP

# SolutionPack for Converged Infrastructure

Table 21 lists the supported Converged Infrastructure

**Table 21** SolutionPack for Converged Infrastructure

Supported Model	Collector	Prerequisites	Port
UIM/Provisioning - 4.0 Patch 1 UIM/Operations - 4.0	XML-Collector		

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