



## **SVP (Service Processor) OS and Hypervisor support for E990 Gxx0, Fxx0**

**Note:** Configurations added since the last matrix will be shown in **red** text.

### **Introduction**

Use this interoperability matrix to check whether a customer supplied server or hypervisor for SVP installation is supported. The Service Processor (SVP) monitors the system, collects performance data for key components and allows system configuration and maintenance.

Please note, Hitachi Data Systems also provides a 1U server running windows 7 embedded, pre-installed with the SVP and optimized for the servicing and management of the Gx00 and Fx00 platforms. Note, the HDS supplied 1U SVP appliance supports windows 7 embedded only.

If a combination does not appear on the OS support matrix, the customer's Hitachi Data Systems Sales Engineer (SE) or other HDS field service employee must submit a product enhancement request in order to gain support for the new configuration.

**Gxx0 refers to : G900,G800,G700, G600, G400,G370,G350 and G200**

**Fxx0 refers to : F900,F800, F700,F600, F400,F370,F350**

### **Legal Disclaimer**

*This information is subject to change without notice. The information contained in this document is provided by HDS for general information purposes only and is based on information as of the date of distribution (indicated by the date above). HDS makes no express or implied warranties of any kind whatsoever regarding the contents of this Document or the performance of the products referred to in these documents and HDS expressly disclaims all warranties including, without limitation, the implied warranties of satisfactory quality, merchantability or fitness for a particular purpose, the statutory warranty against infringement, and any warranty of title. HDS will have no liability whatsoever for any direct loss or damage (but excluding any liability for death, personal injury or fraudulent misrepresentation) or for any indirect, special, incidental or consequential damages, including but not limited to loss of data or records, lost profits or other economic loss, arising out of or in connection with the use of this information even if such loss was foreseeable or HDS had been advised of the possibility of such loss.*

## OS and Hypervisor Support for SVP : Service Processor for Virtual Storage Platform VSP E990 Gxx0 and Fxx0

Operating System	Server/VM	storage models	Notes (Additional requirements)
Windows 7 Professional	Bare metal install	E990 G900 G800 G700 G600	Windows 7 not supported for VSP E990
	VMware ESXi 6.0.0		
	KVM on Oracle Linux 7.2		3.8.13-98.7.1.el7uek.x86_64, qemu-kvm-1.5.3-105.el7.x86_64
Windows 7 Professional SP1	VMware ESXi 6.0 U2		Cluster is supported
Windows Server 2012	Bare metal install	G400	
	VMWare ESXi 6.0 U2	G370	
Windows Server 2012 R2	Bare metal install	G350	
	Hyper-V Server 2012 R2	G200	
	VMWare ESXi 6.0 U2	F900	
Windows 8.1 Professional	Bare metal install	F800	
Windows 10 Enterprise/ Professional	Bare metal install	F700	
	Hyper-V Server 2012 R2	F600	
	Hyper-V Server 2016	F400	
	VMWare ESXi 6.5	F370	
Windows Server 2016	Bare metal install	F350	
	VMWare ESXi 6.5		

Antivirus	version	Notes (Additional requirements)
Symantec Endpoint Protection	12.1.3	
	12.1.5	
	12.1.6	
	14.0.0	
Sophos Endpoint Security and Control	10.3	
	10.6	
Trend Micro OfficeScan Corporate Edition	10.6	
	11	
	11.0 SP1	
	XG	
McAfee VirusScan Enterprise	8.8	

### Notes:

Only one storage array (DKC) can be managed per SVP software instance, only one SVP software instance can be installed per OS instance, but multiple VM's each running their own OS/SVP SW instance can be installed on a physical sever. Other SW is not supported running in the same OS instance with the SVP software

Microcode requirement: Always use the latest GA microcode version

Bare metal install Hardware Requirement
<ul style="list-style-type: none"> <li>Processor: <ul style="list-style-type: none"> <li>One core with hyper-threading, two cores without hyper-threading</li> <li>Processor performance comparable to Celeron 1.6 GHz</li> </ul> </li> <li>Random-access memory: 3.5 GB per storage system</li> <li>Hard drive : 120 GB per storage system</li> <li>LAN connection: one 1000Base-T</li> </ul>

VM Requirement	
<b>ESX Server</b> <ul style="list-style-type: none"> <li>VMware ESXi server 6.0</li> <li>Two quad core processors, Intel Xeon 2.29 GHz</li> <li>One port network interface card (NIC)</li> <li>32 GB RAM</li> </ul>	<b>SVP guest OS</b> <ul style="list-style-type: none"> <li>SVP Guest OS (maximum one DKC per SVP guest OS)</li> <li>Two virtual CPUs</li> <li>One virtual network adapter</li> <li>4 GB RAM</li> <li>120 GB disk space</li> </ul>
<b>Linux KVM Server</b> <ul style="list-style-type: none"> <li>Oracle Linux 7.2</li> <li>Two quad core processors, Intel Xeon 2.29 GHz</li> <li>One port network interface card (NIC)</li> <li>128 GB RAM</li> </ul>	<b>SVP guest OS</b> <ul style="list-style-type: none"> <li>SVP Guest OS (maximum one DKC per SVP guest OS)</li> <li>Two virtual CPUs</li> <li>One virtual network adapter</li> <li>4 GB RAM</li> <li>120 GB disk space</li> </ul>
<b>Hyper-V Server</b> <ul style="list-style-type: none"> <li>Hyper-V server 2012 R2</li> <li>Two quad core processors, Intel Xeon 2.29 GHz</li> <li>One port network interfacecard (NIC)</li> <li>32 GB RAM</li> </ul>	<b>SVP guest OS</b> <ul style="list-style-type: none"> <li>SVP Guest OS (maximum one DKC per SVP guest OS)</li> <li>Two virtual CPUs</li> <li>One virtual network adapter</li> <li>4 GB RAM</li> <li>120 GB disk space</li> </ul>