

1. Compatibility List

1.1 Server Systems

The VIO-4001 I/O Virtualization switch has been tested with servers from different manufacturers and different chipset components. Table 1.1 lists the configurations of servers tested in our labs. Each server had a 1U form factor and was installed with a Virtensys PCI Express Extender card.

Table 1.1 – Configurations of servers tested

Manufacturer	Model #	Chipset Vendor	Chipset
Dell	T100	Intel	3200
Dell	T300	Intel	5100
Dell	SC440	Intel	3000
Dell	PowerEdge 1950 III	Intel	5000X
Dell	PowerEdge R610	Intel	5520
HP	ProLiant DL360 G5	Intel	5000P
HP	ProLiant DL360 G6	Intel	5520
IBM	X3550	Intel	5000P/V
IBM	X3550 M2	Intel	5520
SuperMicro	SYS-5016T-TB	Intel	5520
SuperMicro	SYS-6015V-MTB	Intel	5000V
SuperMicro	SYS-5016T-MTF	Intel	X58
SuperMicro	SYS-6015W-U	Intel	5400
SuperMicro	SYS-6016T-NTF	Intel	5520
SuperMicro	SYS-6016T-UF	Intel	5520
SuperMicro	SYS-6016T-MT	Intel	5500
SuperMicro	SYS-5015B-NTB	Intel	X48
SuperMicro	SYS-6015W-NTB	Intel	5400
SuperMicro	SYS-6015T-NTF	Intel	5520
SuperMicro	SYS-6015T-UF	Intel	5000P
SuperMicro	SYS-6015C-M3B	Intel	5100
SuperMicro	SYS-6016TT-TF	Intel	5500
SuperMicro	SYS-8015C-3/F	Intel	7300

1.2 Server Chipsets

The VIO-4001 I/O Virtualization switch has been tested with servers from different manufacturers and different chipset components. Table 1.2 lists the chipsets tested in our labs. Each server had a 1U form factor and was installed with a Virtensys PCI Express Extender card.

Table 1.2 – Server chipsets

Chipset Vendor	Chipset
Intel	X48
Intel	X58
Intel	3000
Intel	3200
Intel	5000P
Intel	5000V
Intel	5000X
Intel	5100
Intel	5400
Intel	5520
Intel	5500
Intel	7300

1.2.1 Operating Systems

The VIO-4001 I/O Virtualization switch has been tested using the Operating Systems installed on server systems listed in Table 1.3.

Table 1.3 – Operating Systems installed on server systems

Manufacturer	Product Family	Bitness	Service Pack	Comments
Microsoft	Windows Server 2003 R2	64-Bit		
Microsoft	Windows Server 2008	64-Bit	SP2	Without Hyper-V version
Microsoft	Windows Server 2008 R2	64-Bit		Without Hyper-V
VMware	ESX Server 4.0	64-Bit		Legacy Mode
VMware	ESX Server 4.0 Update 1	64-Bit		Legacy Mode
Red Hat	Enterprise Linux 5.3	64-Bit		

1.3 Internet Browsers

The VIO-4001 I/O Virtualization switch and VMS GUI has been tested using the Internet Browsers listed in Table 1.4.

Table 1.4 – Internet browsers tested using the VMS

Manufacturer	Product Family	Version	Mode
Microsoft	Internet Explorer	7.X	Normal
Microsoft	Internet Explorer	8.X	Compatibility
Mozilla	Firefox	3.X	

1.4 Adapters and Drivers

The VIO-4001 I/O Virtualization switch supports the adapters listed in Table 1.5.

Table 1.5 – Adapters supported by the VIO-4001

Manufacturer	Model #	Description	Technology
QLogic	QLE 2462E	4GB PCIe Dual Port Fibre HBA	Fibre Channel
Intel	X520-SR2	Intel 10-Gigabit Ethernet Server Adapter	10Gb Ethernet

1.5 Fibre Channel Switches

Manufacturer	Model #
QLogic	SANbox 5800
QLogic	SANbox 5600

1.6 Fibre Channel Storage Arrays

Manufacturer	Model #
HP	Storage Works MSA-2000
IBM	System Storage DSA4700
Dell	AX-150
APCON	TESTDRIVE Fibre Channel Drive Enclosure