



VTrak G1100 NAS Gateway Appliance Compatibility List

Supports Point Release 1.02.0000.21

Date of Release: 10/22/2014

VTrak G-Class Systems Covered:

- **VTrak G1100** –Version 1.02.0000.21 [Feb 24,2015]

VTrak A-Class Systems Covered:

- **VTrak A3800fSL** – 4U/24 FC, single controller
- **VTrak A3800fDM** – 4U/24 FC, dual controller

VTrak Storage Nodes covered:

- **VTrak E630f** – 3U/16-bay 8Gb Fibre to 6Gbs SAS/SATA RAID System
- **VTrak E830f** – 4U/24-bay 8Gbs Fibre to 6Gbs SAS/SATA RAID System

VTrak Expansion Systems covered

- **VTrak J630s** – 3U/16-bay 6Gbs SAS to 6Gbs SAS/SATA Expansion JBOD System
- **VTrak J830s** – 4U/24-bay 6Gbs SAS to 6Gbs SAS/SATA Expansion JBOD System
- **VTrak J930s** – 4U/60-bay 6Gbs SAS to 6Gbs SAS Expansion JBOD System

System Versions Covered:

- **VTrak A-Class BootLoader** – Version 0.19.0000.38 [Aug 14, 2014]
- **VTrak A-Class Firmware** – Version 1.12.0000.00 [Feb 9, 2015]
- **VTrak A-Class Software** – Version 1.12.0000.00 [Feb 9, 2015]
- **VTrak Ex30 BootLoader** – Version 0.19.0000.37[Jan23, 2014]
- **VTrak Ex30 Firmware** – Version 10.13.2270.59 [Sept 26, 2014]
- **VTrak Ex30 Software** – Version 10.13.2270.59 [Sept 26, 2014]

- **6Gbs VTrak Jx30s Firmware** – Version 6.14.0000.05 [Apr 6, 2014]
- **6Gbs J930 Firmware** – Version 5.06.0000.09 [June 01, 2012]
- **Windows PerfectPath MPIO DSM** – Version 4.01.0000.05
- **Linux PerfectPath MPIO DSM** – Version 4.01.0000.07

Document History

Date	Editor	Revision	Deviation
2/23/2015	R Brose	0.01	Initial draft for VTrak A-Class PR1 Compatibility
2/24/2015	A Tang	1.00	Added kernal versions to Linux dist.

DEVICE COMPATIBILITY NOTE:

Basic compatibility between the 3rd party device and Promise device has been verified in typical configurations, unless otherwise stated.

DISCLAIMERS:

Only the versions available at time of testing have been verified, as listed. Corner cases may exist depending on user configuration etc. Individual 3rd party units may exhibit problems that did not show up in through the Promise test process. Published performance is not assured with configuration deviations.

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Operating Systems

Supported Operating Environments			
Vendor	Core Platform	Type	Notes
Microsoft	Windows Server 2008 R2	x64	ALUA support with PerfectPath v4.1.0.05 or later
	Windows Server 2008 R2 SP1	x64	ALUA support with PerfectPath v4.1.0.05 or later
	Windows 7	X64	ALUA support with VTrakFS Client 1.3.0 or later
	Windows 7 SP1	X64	ALUA support with VTrakFS Client 1.3.0 or later
	Windows 8	X64	ALUA support with VTrakFS Client 1.3.0 or later
	Windows 8 SP 1	X64	ALUA support with VTrakFS Client 1.3.0 or later
	Windows Server 2012 R2*	x64	ALUA support with PerfectPath v4.1.0.05 or later
Macintosh	OS X 10.7	x64	LUN Affinity/ALUA natively supported.
	OS X 10.8	x64	LUN Affinity/ALUA natively supported.
	OS X 10.9	x64	LUN Affinity/ALUA natively supported.
	OS X 10.10	X64	LUN Affinity/ALUA natively supported
Redhat	RHEL 6.3 (knl=2.6.32-279.el6.x86_64)	x64	ALUA support with PerfectPath v4.1.0.07 or later
	RHEL 6.4 (knl=2.6.32-358.el6.x86_64)	x64	ALUA support with PerfectPath v4.1.0.07 or later
SUSE	SLES 11 sp2 (knl=3.0.13-0.27-default)	x64	ALUA support with PerfectPath v4.1.0.07 or later

*Fully Supported but not HCK certified

Fibre Channel Switches and SFPs

Fibre Channel Switches			
Vendor	Model	Ports	Firmware
Brocade	Brocade 300**	24x8Gb	V7.1.2
	Brocade 5100	40x8Gb	V7.1.2
	Brocade 6510	40x16Gb	V7.1.2
	Brocade 8000	24x10Gb FCoE 8x8Gb FC	V7.1.2
Cisco	MDS 9148	48x8Gb	V6.2(3)
	MDS 9124*	24x8Gb	V6.2(3)
	NEXUS 5010	20x10Gb FCoE/iSCSI 6x8Gb FC	V5.2(1)N1(2a)
Qlogic	SANbox 5802V	20x8Gb	v8.0.13.08.00
	SANbox 9000 - 8Gb blade	32-128x8Gb	v7.8.0.15.00

*Model MDS 9124 compatibility is derived from MDS 9148 testing with v6.2

** Leave the Brocade 300 speed set to "Auto" when the topology is set to "L- Port". Set the Target side speed to match either 4G or 8G if the topology is set to "NL-Port".

SFP Interoperability Matrix (Shortwave)		
Vendor	Model	Description
Apple	4Gb SFP to SFP	2.9M 4Gb SFP Copper Cable (Qlogic 4Gb and 8Gb only)
Avago	AFBR-57D7APZ	Digital Diagnostic SFP, 850 nm, 8.5/4.25/2.125 GBd Low Voltage (3.3 V) - 85°C
Brocade	57-1000012-01	Brocade 8Gb Shortwave SFP
Cisco	DS-SFP-FC8G-SW	Cisco 8Gb Shortwave SFP
Finisar	FTLF8528P2BCV	Digital Diagnostic SFP, 850 nm, 8.5/4.25/2.125 GBd Low Voltage (3.3 V) - 70°C
Finisar	FTLF8528P2BNV	Digital Diagnostic SFP, 850 nm, 8.5/4.25/2.125 GBd Low Voltage (3.3 V) - 85°C
Finisar	FTLF8524P2BNL	Digital Diagnostic SFP, 850 nm, 4.25/2.125 GBd Low Voltage (3.3 V) - 70°C
Finisar	FTLF8524P2BNV	Digital Diagnostic SFP, 850 nm, 4.25/2.125 GBd Low Voltage (3.3 V) - 85°C

10GBASE-T Switches

10G Ethernet Switches			
Vendor	Model	Ports	Embedded Software
Netgear	Prosafe M7100	24x10GBASE-T	Software Version: 10.0.1.10 Bootcode Version: B1.0.0.2
Dell	PowerConnect 8132	24x10GBASE-T	Code ver: 5.1.0.1
Cisco	Cisco Nexus 3064-32t	32x10GBASE-T	Bios Version: 1.5.0 Kickstart Version: 6.0(2)U2(1)

10G Switch (4 SFP+ Ports) and 10G SFP+ Tested

10G Ethernet Switches (24Port 10Gbase-T with 4 10G SFP+ Ports)			
Vendor	Model	Ports	Embedded Software
Netgear	Prosafe M7100	24x10GBASE-T	Software Version: 10.0.1.10 Bootcode Version: B1.0.0.2

10G SFP+ (Shortwave)		
Vendor	Model	Description
Finisar	FTLX8571D3BCV	1G/10G 850nm Multimode Datacom SFP+ Transceiver