DELLTechnologies

PowerFlex Manager Compatibility Matrix
for PowerFlex appliance

PowerFlex Manager 3.7.0

Nodes
PowerFlex R640/R740xd (HC, SO, and CO)
PowerFlex R840 (HC and CO)

OS/Hypervisor
VMware ESXi 6.7U3n/7.0U2b (HC and CO)
Red Hat Enterprise Linux 7.6/7.7/7.9 (CO)*
Red Hat Enterprise Linux 7.5/7.6/7.7/7.9 (SO)*
CentOS 7.6/7.7/7.9 (CO) *
Embedded OS (SO)
* install only, no update

Adapters
Intel X710/i350 NDC
Mellanox CX4 NDC
Mellanox CX4/CX5/CX6

Networking
Deployment requires a pair of the following switches:
Dell S5248F-ON (access)
Dell S5224F-ON (access)
Dell S5048F-ON (access)
Dell S4148F-ON (access)
Dell S5296F-ON (access)
Cisco Nexus 3132QX (access)
Cisco Nexus 3164Q (access)
Cisco Nexus 93180YC-EX (access - leaf)
Cisco Nexus 93180YC-FX (access - leaf)
Cisco Nexus 93240YC-FX2 (access - leaf)
Cisco Nexus 9236C (agg or leaf - spine)
Cisco Nexus 9336C-FX2 (agg - leaf - spine)
Cisco Nexus 9364C (agg - leaf - spine)
Cisco Nexus 9364C-GX (leaf - spine)

Following deployment, PowerFlex Manager can monitor
and update the following switches if provided access:
Dell S5248F-ON (access)
Dell S5224F-ON (access)
Dell S5048F-ON (access)
Dell S4148F-ON (access)*
Dell S5296F-ON (access)
*clusters of 10 or fewer nodes

Storage
PowerFlex 3.6.0+ (HC, SO and CO)
PowerFlex 3.5.1.0+ (HC, SO and CO)
PowerFlex 3.5.0.0+ (SO and CO)
VxFlex OS 3.0.1.1+ (HC, SO and CO)

Security
CloudLink 7.0.2/7.0
CloudLink 6.9

Compliance
IC 36.361.00
IC 36.360.00+
IC 36.355.00
IC 36.354.00+

PowerFlex Manager 3.6.1

Nodes
PowerFlex R640/R740xd (HC, SO, and CO)
PowerFlex R840 (HC and CO)

OS/Hypervisor
VMware ESXi 6.7/7.0 (HC and CO)
Red Hat Enterprise Linux 7.6/7.7 (CO)*
Red Hat Enterprise Linux 7.5/7.6 /7.7 (SO)*
CentOS 7.6/7.7 (CO) *
Embedded OS (SO)
* install only, no update

Adapters
Intel X710/i350 NDC
Mellanox CX4 NDC
Mellanox CX4/CX5

Networking
Deployment requires a pair of the following switches:
Dell S5248F-ON (access)
Dell S5224F-ON (access)
Dell S5048F-ON (access)
Dell S4148F-ON (access)
Cisco Nexus 3132QX (access)
Cisco Nexus 3164Q (access)
Cisco Nexus 93180YC-EX (access - leaf)
Cisco Nexus 93240YC-FX2 (access - leaf)
Cisco Nexus 9236C (agg or leaf - spine)
Cisco Nexus 9336C-FX2 (agg - leaf - spine)
Cisco Nexus 9364C (agg - leaf - spine)

Following deployment, PowerFlex Manager can monitor
and update the following switches if provided access:
Dell S5248F-ON (access)
Dell S5224F-ON (access)
Dell S5048F-ON (access)
Dell S4148F-ON (access)*
*clusters of 10 or fewer nodes

Storage
PowerFlex 3.5.1.0+ (HC, SO and CO)
PowerFlex 3.5.0.0+ (SO and CO)
VxFlex OS 3.0.1.1+ (HC, SO and CO)

Security
CloudLink 7.0
CloudLink 6.9

Compliance
IC 36.360.00+
IC 36.354.00+
IC 35.35.A10+
IC 35.35.A00+

+ applies only to the final digit in the version. Please refer to RCM Portal for up to date information

PowerFlex Manager Compatibility Matrix for PowerFlex rack

PowerFlex Manager 3.7.0

	Managed Mode	Lifecycle Mode	Alerting Mode
Nodes	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)
OS/Hypervisor	VMware ESXi 6.5U3n/6.7U3n/7.0U2b (HC and CO) Red Hat Enterprise Linux 7.6/7.7/7.9 (CO)* Red Hat Enterprise Linux 7.5/7.6/7.7/7.9 (SO)* CentOS 7.6/7.7/7.9 (CO) * Embedded OS (SO) * install only, no update Red Hat Virtualization not managed by PowerFlex Manager	VMware ESXi 6.5U3n/6.7U3n/7.0U2b (HC and CO) Red Hat Enterprise Linux 7.5/7.6/7.7/7.9 (SO)* Embedded OS (SO) * supported but no update to OS	N/A
Adapters	Intel X710/i350 NDC Intel XL710 Mellanox CX4 NDC Mellanox CX4 Mellanox CX5 Mellanox CX6	Lifecycle Mode when a supported adapter cannot be identified.	N/A
Networking	Managed Mode requires a pair of the following server facing switches: Cisco Nexus 3132QX (access) Cisco Nexus 3164Q (access) Cisco Nexus 93180YC-EX (access - leaf) Cisco Nexus 93180YC-FX (access - leaf) Cisco Nexus 93240YC-FX2 (access - leaf) Cisco Nexus 9236C (agg - spine) Cisco Nexus 9336C-FX2 (agg - leaf - spine) Cisco Nexus 9364C (agg - leaf - spine) Cisco Nexus 9364C-GX (leaf - spine) Dell S5248F-ON (access) PowerFlex Manager can monitor and update the following if access is provided: Cisco Nexus 9332PQ (agg) Dell S5232F-ON (agg) Cisco Nexus 31108TC-V (mgmt) Cisco Nexus 3172TQ (mgmt) Dell S4148T-ON (mgmt)	Lifecycle Mode when a supported switch cannot be identified, or write access cannot be granted, as long as the networking configuration does not change the way your node is configured PowerFlex Manager can update only the components to which write access is granted All of the supported switches in the first column can be monitored and updated by PowerFlex Manager if write access is granted	N/A
Storage	PowerFlex 3.6.0+ (HC, SO and CO) PowerFlex 3.5.1.0+ (HC, SO and CO) PowerFlex 3.5.0.1+ (SO and CO) VxFlex OS 3.0.1.1+ (HC, SO and CO)	PowerFlex 3.6.0+ (HC, SO and CO) PowerFlex 3.5.1.0+ (HC, SO and CO) PowerFlex 3.5.0.1+ (SO and CO) VxFlex OS 3.0.1.1+ (HC, SO and CO)	N/A
Security	CloudLink 7.0.2 CloudLink 7.0 CloudLink 6.9	CloudLink 7.0.2 CloudLink 7.0 CloudLink 6.9	N/A
Compliance	RCM 3.6.1.0+ / 3.6.0.0+ RCM 3.5.5.0+ / 3.5.4.0+ RCM 3.4.5.0+ / 3.4.4.0+ RCM 3.3.10.0+ / 3.3.9.0+	RCM 3.6.1.0+ / 3.6.0.0+ RCM 3.5.5.0+ / 3.5.4.0+ RCM 3.4.5.0+ / 3.4.4.0+ RCM 3.3.10.0+ / 3.3.9.0+	N/A

+ applies only to the final digit in the version. Please refer to RCM Portal for up to date information

PowerFlex Manager Compatibility Matrix for PowerFlex rack

PowerFlex Manager 3.6.1

	Managed Mode	Lifecycle Mode	Alerting Mode
Nodes	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)	PowerFlex R640/R740xd (HC, SO and CO) PowerFlex R840 (HC and CO) PowerFlex R630/R730xd (HC, SO and CO)
OS/Hypervisor	VMware ESXi 6.5 / 6.7 / 7.0 (HC and CO) Red Hat Enterprise Linux 7.6 / 7.7 (CO) * Red Hat Enterprise Linux 7.5 / 7.6 / 7.7 (SO) * CentOS 7.6 / 7.7 (CO) * Embedded OS (SO) * install only, no update Red Hat Virtualization not managed by PowerFlex Manager	VMware ESXi 6.5 / 6.7 / 7.0 (HC and CO) Red Hat Enterprise Linux 7.5 / 7.6 / 7.7 (SO)* Embedded OS (SO) * supported but no update to OS	N/A
Adapters	Intel X710/i350 NDC Intel XL710 Mellanox CX4 NDC Mellanox CX4 Mellanox CX5	Lifecycle Mode when a supported adapter cannot be identified.	N/A
Networking	Managed Mode requires a pair of the following server facing switches: Cisco Nexus 3132QX (access) Cisco Nexus 3164Q (access) Cisco Nexus 93180YC-EX (access - leaf) Cisco Nexus 93240YC-FX2 (access - leaf) Cisco Nexus 9236C (agg - spine) Cisco Nexus 9336C-FX2 (agg - leaf - spine) Cisco Nexus 9364C (agg - leaf - spine) Dell S5248F-ON (access) PowerFlex Manager can monitor and update the following if access is provided: Cisco Nexus 9332PQ (agg) Dell S5232F-ON (agg) Cisco Nexus 31108TC-V (mgmt) Cisco Nexus 3172TQ (mgmt) Dell S4148T-ON (mgmt)	Lifecycle Mode when a supported switch cannot be identified, or write access cannot be granted, as long as the networking configuration does not change the way your node is configured PowerFlex Manager can update only the components to which write access is granted All of the supported switches in the first column can be monitored and updated by PowerFlex Manager if write access is granted	N/A
Storage	PowerFlex 3.5.1.0+ (HC, SO and CO) PowerFlex 3.5.0.1+ (SO and CO) VxFlex OS 3.0.1.1+ (HC, SO and CO) VxFlex OS 2.6.1.1+ (HC, SO and CO)	PowerFlex 3.5.1.0+ (HC, SO and CO) PowerFlex 3.5.0.1+ (SO and CO) VxFlex OS 3.0.1.1+ (HC, SO and CO) VxFlex OS 2.6.1.1+ (HC, SO and CO)	N/A
Security	CloudLink 7.0 CloudLink 6.9	CloudLink 7.0 CloudLink 6.9	N/A
Compliance	RCM 3.5.4.0+ / 3.5.3.0+ RCM 3.4.4.0+ / 3.4.3.0+ RCM 3.3.9.0+ / 3.3.8.0+	RCM 3.5.4.0+ / 3.5.3.0+ RCM 3.4.4.0+ / 3.4.3.0+ RCM 3.3.9.0+ / 3.3.8.0+	N/A

+ applies only to the final digit in the version. Please refer to RCM Portal for up to date information