



PowerFlex Storage Report

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1. PowerFlex Cluster Info

MDM cluster info

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Group Name	Name	Health Cluster State	Details Cluster Mode	Details Virtual IPs	Details MDM Type	Details Role	Health Status	Details Version Info
RAMS	rams2-fos-gw	ClusteredNormal	ThreeNodes	192.168.152.2, 192.168.153.2, 192.168.160.2, 192.168.161.2	-	-	-	-
	rams2-svm-165	-	-	-	Slave	Manager	Normal	R3_6.0.0
	rams2-svm-166	-	-	-	Tie Breakers	TieBreaker	Normal	R3_6.0.0
	rams2-svm-167	-	-	-	Master	Manager	Normal	R3_6.0.0
VIKINGS	node1	-	-	-	Slave	Manager	Normal	R3_6.0.0
	node2	-	-	-	Tie Breakers	TieBreaker	Normal	R3_6.0.0
	node3	-	-	-	Master	Manager	Normal	R3_6.0.0
	vikings	ClusteredNormal	ThreeNodes	192.168.152.210, 192.168.161.210, 192.168.153.210, 192.168.160.210	-	-	-	-

2. PowerFlex System Info

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Group Name	Name	Capacity Total Capacity	Capacity In Use Capacity	Capacity Spare Capacity	Capacity Unused Capacity
RAMS	rams2-fos-gw	16.71 TB	1.82 TB	5.85 TB	9.04 TB
VIKINGS	vikings	25.77 TB	2.41 TB	8.76 TB	14.59 TB

3. PowerFlex Protection Domain Info

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Group Name	Name	Capacity Total Capacity	Capacity In Use Capacity	Capacity Spare Capacity	Capacity Unused Capacity
RAMS	PD-1	16.71 TB	1.82 TB	5.85 TB	9.04 TB
VIKINGS	PD-1	25.77 TB	2.41 TB	8.76 TB	14.59 TB

4. PowerFlex Storage Pool Info

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Group Name	Name	Capacity Total Capacity	Capacity In Use Capacity	Capacity Spare Capacity	Capacity Unused Capacity	Capacity Capacity available for Volume Allocation	Capacity Replication Journal Capacity Allowed	Capacity Replication Used Journal Capacity	Policy Background Scanner Mode	Policy Checksum Enabled	Policy Zero Padding Policy	Policy Enable Rebuild	Policy Rebuild IO Policy	Policy Enable Rebalance	Policy Rebuild IO Policy
RAMS	SP-NVME-1	16.71 TB	1.82 TB	5.85 TB	9.04 TB	4.43 TB	1.63 TB	37 MB	DataComparison	false	true	true	limitNumOfConcurrentIos	true	limitNumOfConcurrentIos
VIKINGS	SP-SSD-1	25.77 TB	2.41 TB	8.76 TB	14.59 TB	7.12 TB	350 GB	15 MB	Device Only	false	true	true	limitNumOfConcurrentIos	true	limitNumOfConcurrentIos

5. PowerFlex SDS Info

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Group Name	Name	Details Performance Profile	Health Maintenance State	Health MDM Connection State	Health Membership State	Health SDS State	Capacity Total Capacity	Capacity In Use Capacity
RAMS	Sds-rams2-svm-165.pde.lab.vc	Compact	NoMaintenance	Connected	Joined	Normal	5.08 TB	566.97 GB
	Sds-rams2-svm-166.pde.lab.vc	Compact	NoMaintenance	Connected	Joined	Normal	5.81 TB	647.04 GB
	Sds-rams2-svm-167.pde.lab.vc	Compact	NoMaintenance	Connected	Joined	Normal	5.81 TB	646.98 GB
VIKINGS	Sds-10.234.95.12	Compact	NoMaintenance	Connected	Joined	Normal	8.35 TB	801.06 GB
	Sds-10.234.95.13	Compact	NoMaintenance	Connected	Joined	Normal	8.71 TB	834.84 GB
	Sds-10.234.95.14	Compact	NoMaintenance	Connected	Joined	Normal	8.71 TB	834.85 GB

6. PowerFlex Device Info

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Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
RAMS	/dev/nvme0n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.84 GB
	/dev/nvme0n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.9 GB
	/dev/nvme0n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.88 GB
	/dev/nvme1n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.92 GB
	/dev/nvme1n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.84 GB
	/dev/nvme1n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.86 GB
	/dev/nvme2n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.96 GB
	/dev/nvme2n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.79 GB
	/dev/nvme2n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.98 GB
	/dev/nvme3n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.83 GB
	/dev/nvme3n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.83 GB
	/dev/nvme3n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	81.74 GB

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Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
	/dev/nvme4n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.83 GB
	/dev/nvme4n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.98 GB
	/dev/nvme4n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.91 GB
	/dev/nvme5n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.88 GB
	/dev/nvme5n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.81 GB
	/dev/nvme5n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.96 GB
	/dev/nvme6n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.94 GB
	/dev/nvme6n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.81 GB
	/dev/nvme6n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.76 GB
	/dev/nvme7n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.91 GB
	/dev/nvme7n1	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	743.85 GB	80.83 GB
VIKINGS	/dev/sda	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sda	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sda	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdb	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.97 GB

This report was generated with VMware vRealize Operations Manager

Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
	/dev/sdb	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	35 GB
	/dev/sdb	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdc	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdc	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdc	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdd	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.78 GB
	/dev/sdd	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdd	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sde	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sde	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.79 GB
	/dev/sde	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdf	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdf	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdf	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdg	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.78 GB
	/dev/sdg	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdg	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdh	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdh	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdh	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdi	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB

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Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
	/dev/sdi	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdi	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	35 GB
	/dev/sdj	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdj	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdj	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.79 GB
	/dev/sdk	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdk	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdk	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdl	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdl	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdl	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdm	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdm	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdn	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdn	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.79 GB
	/dev/sdn	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.78 GB
	/dev/sdo	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdo	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdo	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdp	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.97 GB
	/dev/sdp	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB

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Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
	/dev/sdp	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdq	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdq	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdq	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.79 GB
	/dev/sdr	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdr	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.79 GB
	/dev/sdr	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sds	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sds	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sds	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdt	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdt	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdt	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.97 GB
	/dev/sdu	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.78 GB
	/dev/sdu	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.77 GB
	/dev/sdu	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdv	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdv	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdv	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdw	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdw	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	35 GB

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Group Name	Name	Summary Media Type	Health Device State	Health Aggregated State	Health Error State	Health SSD End Of Life State	Health Temperature State	Capacity Total Capacity	Capacity In Use Capacity
	/dev/sdw	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.98 GB
	/dev/sdx	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.97 GB
	/dev/sdx	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	34.99 GB
	/dev/sdx	SSD	Normal	NeverFailed	None	NeverFailed	NeverFailed	371.61 GB	33.78 GB

7. PowerFlex Volume Info

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Group Name	Name	Summary Volume Type	Summary Managed By	Summary Storage Pool ID	Capacity Total Capacity	Summary Number of Mapped SDC	Summary Creation Time
RAMS	repl-01	ThinProvisioned	ScaleIO	664d6f3800000000	1,024 GB	3	2020-06-17 20:26:00
	vol-01	ThinProvisioned	ScaleIO	664d6f3800000000	1.98 TB	2	2020-06-29 23:31:53
VIKINGS	fio02-rdm	ThinProvisioned	ScaleIO	9c02879100000000	24 GB	2	2020-07-22 20:50:22
	fio03-rdm	ThinProvisioned	ScaleIO	9c02879100000000	8 GB	2	2020-07-24 06:54:12
	repl-01	ThickProvisioned	ScaleIO	9c02879100000000	1,024 GB	0	2020-05-18 17:09:57
	vol-01	ThinProvisioned	ScaleIO	9c02879100000000	1.98 TB	2	2020-07-02 16:56:14
	vol-02	ThinProvisioned	ScaleIO	9c02879100000000	1,024 GB	2	2020-07-02 17:25:17

8. PowerFlex SDR Info

Dec 25, 2020 06:44 - Jan 01, 2021 06:44 (GMT+05:30)

Group Name	Name	Summary Performance Profile	Summary SDR State	Summary Maintenance State	Summary MD M Connection State	Summary Membership State	Summary Software Version Info	Capacity Replication Total Journal Capacity	Capacity Replication Used Journal Capacity
RAMS	sdr-rams2-165	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	13 MB
	sdr-rams2-166	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	12 MB
	sdr-rams2-167	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	12 MB
VIKINGS	sdr-vikings-12	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	5 MB
	sdr-vikings-13	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	5 MB
	sdr-vikings-14	Custom	Normal	NoMaintenance	Connected	Joined	R3_6.0.0	8 GB	5 MB

9. PowerFlex SDC Info

Dec 25, 2020 06:44 - Jan 01, 2021 06:44 (GMT+05:30)

Group Name	Name	Summary Performance Profile	Summary SDC Type	Summary MDM Connection State	Details Software Version Info	Summary OS Type	Summary Volumes Mapped
RAMS	192.168.160.6	HighPerformance	AppSdc	Connected	R3_5.0.0	Esx	2
	192.168.160.7	HighPerformance	AppSdc	Connected	R3_5.0.0	Esx	2
	N/A	HighPerformance	AppSdc	Disconnected	R3_5.0.0	Linux	1
VIKINGS	192.168.153.190	HighPerformance	AppSdc	Connected	R3_5.0.0	Linux	0
	192.168.160.194	HighPerformance	AppSdc	Connected	R3_5.0.0	Esx	4
	192.168.161.193	HighPerformance	AppSdc	Connected	R3_5.0.0	Esx	4

10. PowerFlex Peer MDM Info

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Group Name	Name	Summary Peer System ID	Summary Performance Profile	Summary Coupling RC	Summary Membership State	Summary Number Of Replication Pairs	Summary RCG RPO Compliance (%)
RAMS	vikings	2e6ccfd208ef120f	HighPerformance	SUCCESS	Joined	-	-
VIKINGS	rams2-fos-gw	2e762f897828c90f	HighPerformance	SUCCESS	Joined	-	-

11. PowerFlex RCG Info

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Group Name	Name	Summary Abstract State	Summary Current Consistent Mode	Summary Failover State	Summary Freeze State	Summary RCG RPO Compliance (%)	Summary RPO In Seconds
RAMS	rcg-01	Ok	Consistent	None	Unfrozen	-	60
VIKINGS	rcg-01	Ok	Consistent	None	Unfrozen	-	60