

Storage Resource Monitor

Storage resource management reporting and analysis

The screenshot shows the SolarWinds Storage Resource Monitor interface. At the top, there are navigation tabs: MY DASHBOARDS, ALERTS & ACTIVITY, REPORTS, and SETTINGS. The main content area is divided into several panels:

- All Storage Objects:** A tree view showing storage objects grouped by vendor (HP, EMC, Dell, LSI, NetApp, Pure Storage, Inc., Hitachi).
- Storage Objects by Performance Risk:** A table listing storage objects with their performance metrics.

RESOURCE	TYPE	ARRAY	LATENCY	IOPS	THROUGHPUT
00257 Volume 00257	LUN	000194900393	777 ms	0	0.00 MB/s
00256 Volume 00256	LUN	000194900393	263 ms	0	0.00 MB/s
swi-esx	LUN	Storage Center 60964	50 ms	0	0.00 MB/s
A	STORAGE POOL	208000c0ffda2b	9.96 ms	1	0.00 MB/s
dg01-thick	STORAGE POOL	208000c0ffda2b	9.70 ms	0	0.00 MB/s
- All Active Alerts (39):** A table listing active alerts.

ALERT NAME	MESSAGE	TRIGGERING OBJECT	ACTIVE TIME	RELATED NODE
LUN Total Latency is greater than or equal to 20ms	LUN Total Latency is greater than or equal to 20ms was triggered.	00257 Volume 00257	7h 20m	
LUN Total Latency is greater than or equal to 20ms	LUN Total Latency is greater than or equal to 20ms was triggered.	00256 Volume 00256	7h 20m	
LUN Total Latency is greater than or equal to 20ms	LUN Total Latency is greater than or equal to 20ms was triggered.	swi-esx	1d 6h 31m	
Pool Oversubscribed Capacity is between 100%-399%	Pool Oversubscribed Capacity is between 100%-399% was triggered.	aggr1	1d 6h 40m	
Pool Oversubscribed Capacity is higher than 10%	Pool Oversubscribed Capacity is higher than 10% was triggered.	aggr1	1d 6h 40m	
- Array Raw Disk Capacity Summary:** A bar chart showing the capacity usage for two arrays: Dell_MD32000 and NFXCCKXTREMIO.

Array	Spare	Used	Remaining	Total
Dell_MD32000	0.00 KB	3.00 TB	0.00 KB	3.00 TB Total
NFXCCKXTREMIO	0.00 KB	18.19 TB	0.00 KB	18.19 TB Total

Get a comprehensive view into the performance and capacity of your heterogeneous storage environment with agentless NAS and SAN attached storage monitoring and reporting. Visualize your storage environment, including volumes, RAID groups, storage pools, disks, and more. Extend your SolarWinds® Server & Application Monitor (SAM) and Virtualization Manager (VMAN) monitoring and reporting down to the device level with **SolarWinds® Storage Resource Monitor (SRM)**.

FEATURES

- Storage performance monitoring and hotspot detection
- Storage array hardware health visualization
- Storage capacity planning with historical and forecasted views
- Custom and predefined alerts and reports
- Detailed views into controller, array, pool, and LUN capacity and performance

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END-TO-END VISIBILITY OF THE APPLICATION STACK

Use Storage Resource Monitor (SRM) to access the AppStack™ and PerfStack™ dashboards for end-to-end visibility into application and infrastructure performance, including your storage resources.

AppStack is designed to surface application performance issues and can allow you to quickly determine the cause—whether it's server, virtual, or storage infrastructure. You can quickly assess the health of your entire environment and troubleshoot specific, interrelated problems— all from one view.

PerfStack presents cross-stack performance data and metrics across your storage arrays, virtualization, applications, systems, and network systems, enabling them over time. This integrated view helps you better predict, prioritize, and resolve issues before they affect end-users.

SYSTEM REQUIREMENTS

SolarWinds® Platform products can be deployed on physical or virtual servers on-premises or in the cloud. These products can also be deployed via Azure or AWS marketplaces. For detailed system requirements, visit support.solarwinds.com.

NOTE: The minimum server requirements listed assume default configuration. Significantly increasing the poll rate or statistic collection rate could result in additional load on the server, which may require a larger CPU or additional memory.

SolarWinds modules installed on software versions 2022.x or later are implemented on the SolarWinds platform. SolarWinds software modules implemented on versions 2020.6.x and earlier were implemented on the SolarWinds Orion® Platform. For more details, see the SRM [release notes here](#).

TRY BEFORE YOU BUY. DOWNLOAD A FREE TRIAL.

At SolarWinds, we believe you should try our software before you buy. That's why we offer free trials delivering full product functionality. Products can be downloaded from the SolarWinds website and run on-premises in IaaS environments or deployed in Microsoft® Azure® by the Azure Marketplace.

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SUPPORTED STORAGE DEVICES

NETAPP:

- NetApp® E-series
- NetApp Filers (OnTAP 7-mode)
- Net App Filers (Clustered Data OnTAP (CDOT))
- NetApp AFF
- NetApp EF

DELL EMC:

- Dell EMC Unity

DELL EMC DATA DOMAIN

DELL EMC CLARIION:

- Dell EMC VNX®
- Dell EMC Celerra®
- Dell EMC Isilon®
- Dell EMC Symmetrix® VMAX® VMAXe®, DMX®
- Dell EMC XtremIO®
- Dell EMC VMAX3 (Flash Family)

IBM:

- IBM® N Series
- IBM DS3xxx, 4xxx, 8xxx
- IBM 6xxx, 8xxx
- IBM Spectrum™ Virtualize (Vxxx & SVC)
- IBM Spectrum Accelerate (XIV)
- IBM (ESS) Enterprise Storage Server®
- IBM FlashSystem A9000/A9000R
- IBM FlashSystem A9000/A9000R/V9000

HITACHI:

- Hitachi Data Systems® AMS
- Hitachi Data Systems USP, USPV, VSP
- Hitachi Data Systems HUS 100 Blockside, HUS VM Blockside

HPE:

- HPE® Nimble Storage AF-Series & CS-Series
- HPE StoreServ® 3PAR
- HPE StoreVirtual®/LeftHand™ P4xxx
- HPE StorageWorks® EVA
- HPE StorageWorks XP
- HPE MSA/P2xxx

HUAWEI:

- OceanStor® v3/v5 Series
- OceanStor® Dorado™ v3 Series
- Kaminario:
- K2
- K2.N

OTHER VENDORS:

- Oracle®/SUN®: StorageTek® 2xxx & 6xxx, Virtual Storage Manager 99xx Series, Flex
- Oracle/Pillar
- Xiotech® Emprise 7000, Magnitude 3D 3xxx and 4xxxr
- ONStor®
- Dot Hill® AssuredSAN 4xxx/5xxx
- Pure Storage®
- LSI Arrays
- INFINIDAT® InfiniBox™ Fxxxx

ABOUT SOLARWINDS

SolarWinds (NYSE:SWI) is a leading provider of simple, powerful, and secure IT management software built to enable customers to accelerate their digital transformation. Our solutions provide organizations worldwide—regardless of type, size, or complexity—with a comprehensive and unified view of today’s modern, distributed, and hybrid network environments. We continuously engage with technology professionals—IT service and operations professionals, DevOps and SecOps professionals, and database administrators (DBAs)—to understand the challenges they face in maintaining high-performing and highly available IT infrastructures, applications, and environments. The insights we gain from them, in places like our THWACK® community, allow us to address customers’ needs now, and in the future. Our focus on the user and our commitment to excellence in end-to-end hybrid IT management have established SolarWinds as a worldwide leader in solutions for observability, IT service management, application performance, and database management. Learn more today at www.solarwinds.com.



*For additional information, please contact SolarWinds at 866.530.8100 or email sales@solarwinds.com.
To locate an international reseller near you, visit http://www.solarwinds.com/partners/reseller_locator.aspx*

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