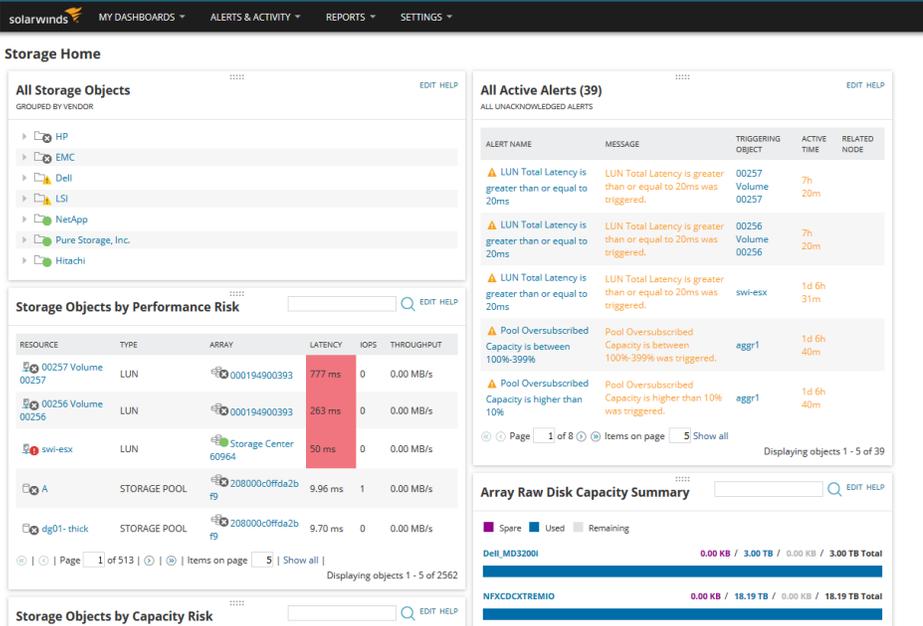


# Storage Resource Monitor

## Storage resource management reporting and analysis



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

- Storage Home:** A summary view with a tree structure on the left showing storage objects grouped by vendor (HP, EMC, Dell, LSI, NetApp, Pure Storage, Inc., Hitachi).
- All Storage Objects:** A table listing storage objects grouped by vendor.
- All Active Alerts (39):** A table showing active alerts with columns for Alert Name, Message, Triggering Object, Active Time, and Related Node. Alerts include LUN Total Latency and Pool Oversubscribed Capacity.
- Storage Objects by Performance Risk:** A table with columns for Resource, Type, Array, Latency, IOPS, and Throughput. It shows objects with high latency (e.g., 777 ms) and IOPS.
- Array Raw Disk Capacity Summary:** A bar chart showing disk capacity usage for Dell MD3200 and NFXCCKXTREMIO arrays, with columns for Spare, Used, and Remaining capacity.
- Storage Objects by Capacity Risk:** A table listing storage objects with capacity-related metrics.

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 Storage Resource Manager Orion® Platform integration.

**TRY IT FREE**

30 days, full version

## 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

Microsoft  
Azure

Certified

## 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

HARDWARE	MINIMUM REQUIREMENTS
CPU	Quad core processor or better
Memory	6GB
Hard Drive	20GB minimum
SOFTWARE	MINIMUM REQUIREMENTS
OS	Windows Server® 2016 or later
Database	<p><b>On-premises</b></p> <p>SolarWinds supports Express, Standard, or Enterprise versions of the following:</p> <ul style="list-style-type: none"> <li>• SQL Server® 2014, 2014 SP1, 2014 SP2</li> <li>• SQL Server® 2016, 2016 SP1</li> <li>• SQL Server® 2017 (including installations on Linux )</li> <li>• SQL Server® 2019</li> </ul> <p><b>Cloud</b></p> <p>Amazon® RDS</p> <p>Azure SQL database, Managed Instance</p>

*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.*

**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.

**TRY IT FREE**

30 days, full version

**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 powerful and affordable IT infrastructure management software. Our products give organizations worldwide, regardless of type, size, or IT infrastructure complexity, the power to monitor and manage the performance of their IT environments, whether on-prem, in the cloud, or in hybrid models. We continuously engage with all types of technology professionals—IT operations professionals, DevOps professionals, and managed service providers (MSPs)—to understand the challenges they face maintaining high-performing and highly available IT infrastructures. The insights we gain from engaging with them, in places like our **THWACK** online community, allow us to build products that solve well-understood IT management challenges in ways that technology professionals want them solved. This focus on the user and commitment to excellence in end-to-end hybrid IT performance management has established SolarWinds as a worldwide leader in network management software and MSP solutions. Learn more today at [www.solarwinds.com](http://www.solarwinds.com).

## LEARN MORE

### AMERICAS

Phone: 866.530.8100  
Fax: 512.682.9301  
Email: [sales@solarwinds.com](mailto:sales@solarwinds.com)

### ASIA

Tel: +65 6593 7600  
Fax: +65 6593 7601  
Email: [apacsales@solarwinds.com](mailto:apacsales@solarwinds.com)

### EMEA

Phone: +353 21 5002900  
Fax: +353 212 380 232  
Email: [emeasales@solarwinds.com](mailto:emeasales@solarwinds.com)

### PACIFIC

Phone: +61 2 8412 4910  
Email: [apacsales@solarwinds.com](mailto:apacsales@solarwinds.com)



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

© 2020 SolarWinds Worldwide, LLC. All rights reserved

The SolarWinds, SolarWinds & Design, Orion, and THWACK trademarks are the exclusive property of SolarWinds Worldwide, LLC or its affiliates, are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other SolarWinds trademarks, service marks, and logos may be common law marks or are registered or pending registration. All other trademarks mentioned herein are used for identification purposes only and are trademarks of (and may be registered trademarks) of their respective companies.

This document may not be reproduced by any means nor modified, decompiled, disassembled, published or distributed, in whole or in part, or translated to any electronic medium or other means without the prior written consent of SolarWinds. All right, title, and interest in and to the software, services, and documentation are and shall remain the exclusive property of SolarWinds, its affiliates, and/or its respective licensors.

SOLARWINDS DISCLAIMS ALL WARRANTIES, CONDITIONS, OR OTHER TERMS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, ON THE DOCUMENTATION, INCLUDING WITHOUT LIMITATION NONINFRINGEMENT, ACCURACY, COMPLETENESS, OR USEFULNESS OF ANY INFORMATION CONTAINED HEREIN. IN NO EVENT SHALL SOLARWINDS, ITS SUPPLIERS, NOR ITS LICENSORS BE LIABLE FOR ANY DAMAGES, WHETHER ARISING IN TORT, CONTRACT OR ANY OTHER LEGAL THEORY, EVEN IF SOLARWINDS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.