

## Performance monitoring and reporting tool for storages

STOR2RRD tool offers you end-to-end views of your storage environment including NAS and SAN and can save you significant money and effort in operation monitoring and by predicting utilization bottlenecks in your virtualized environment.

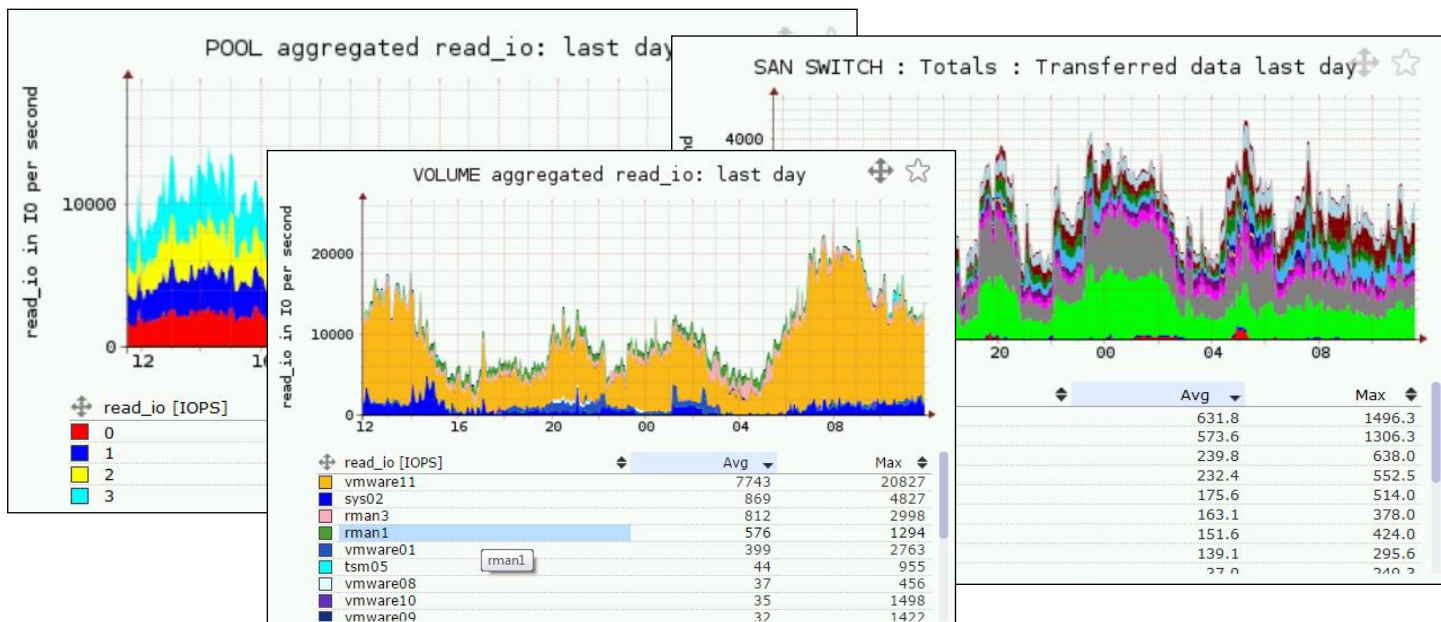
You can also generate performance alerts per storage, pool or volume, view overall health status of your systems, reduce service downtime, use capacity and forecasting data, and simplify the identification of virtualization or cloud aspirant.

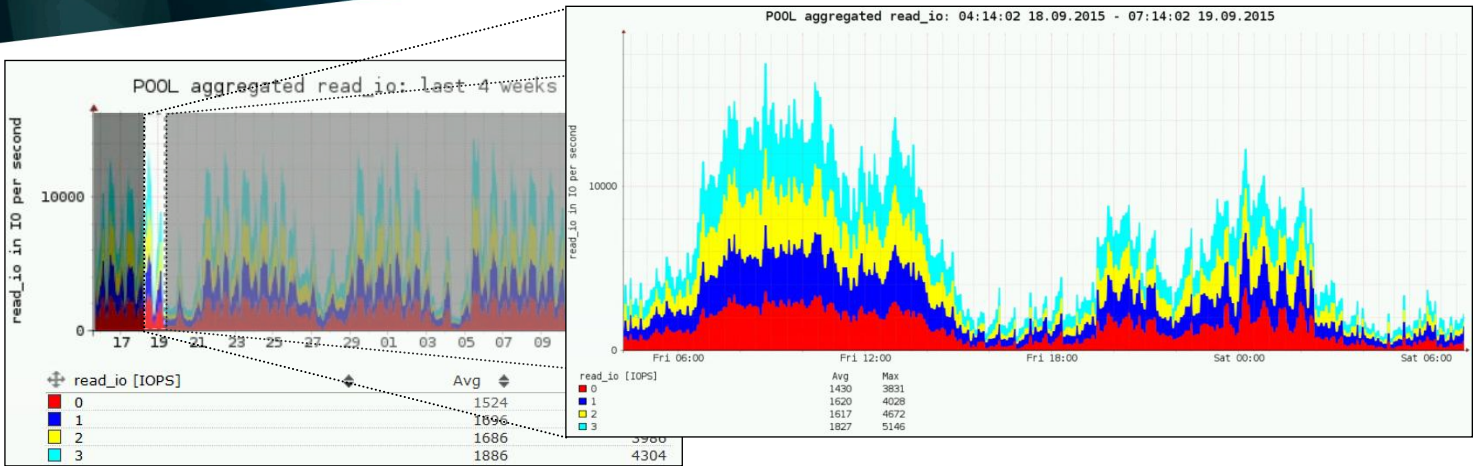
Monitored metrics:	Monitored logical and physical components:
<ul style="list-style-type: none"> <li>IO rate</li> <li>Data throughput</li> <li>Latency</li> <li>Cache hits and usage</li> <li>Remote replication</li> <li>CPU utilization, compression usage</li> </ul>	<ul style="list-style-type: none"> <li>Ports</li> <li>Nodes (Controllers)</li> <li>Pools</li> <li>Raid Groups</li> <li>Volumes (LUNs)</li> <li>Drives</li> <li>Hosts</li> </ul>

Currently supported storages:	
<ul style="list-style-type: none"> <li>IBM Storwize V7000, V5000, V3700</li> <li>IBM SVC</li> <li>IBM FlashSystem</li> <li>IBM System Storage DS8000 and DS6800</li> <li>Hitachi HUS and AMS 2000</li> <li>Hitachi VSP-G</li> <li>EMC VNX</li> <li>EMC VNX File</li> </ul>	<ul style="list-style-type: none"> <li>IBM Spectrum Accelerate (XIV)</li> <li>IBM Spectrum Virtualize</li> <li>IBM DS3000, DS4000, DS5000 and DCS3700</li> <li>LSI / Engenio based storages</li> <li>HP 3PAR</li> <li>NetApp C-mode and 7-mode</li> <li>EMC Unity</li> <li>EMC VMAX, VPLEX (Q1 2017)</li> </ul>

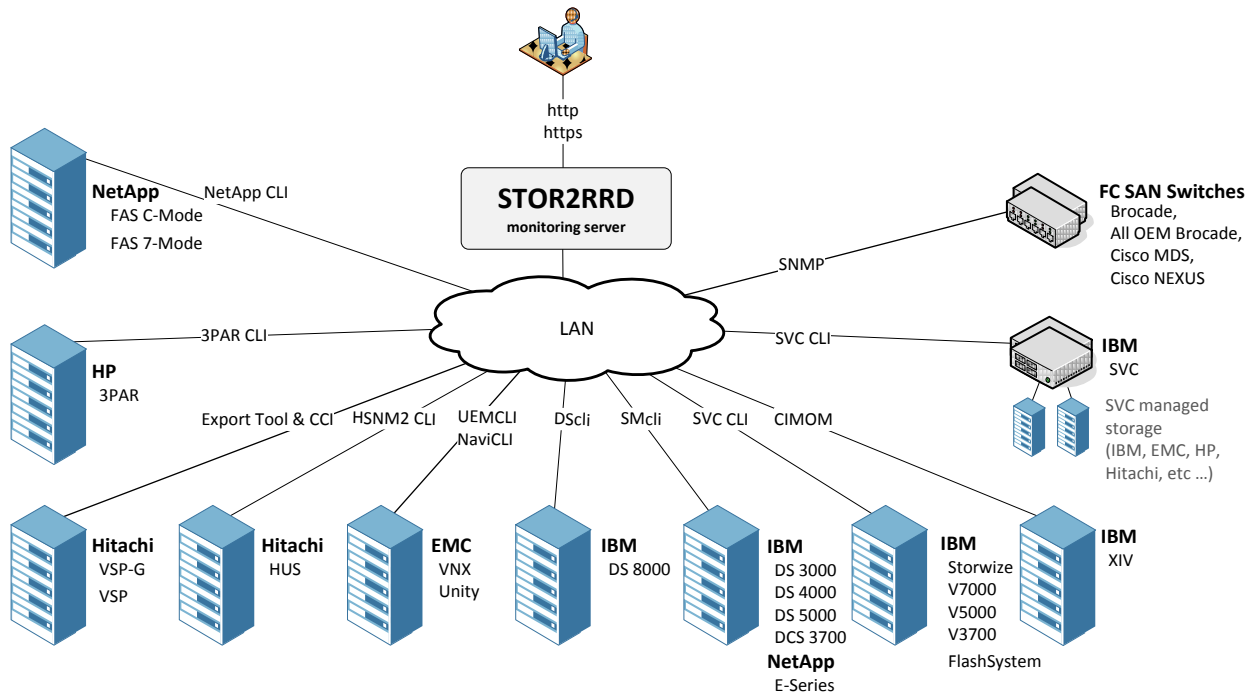
Actually supported devices can be found at the: [http://www.stor2rrd.com/support\\_matrix.htm](http://www.stor2rrd.com/support_matrix.htm)

On the following pictures, you can see some examples of graphs provided by STOR2RRD:





The following diagram describes how **STOR2RRD** collects data from monitored storages:



**STOR2RRD** tool is free software. You can redistribute it and/or modify it under the terms of the GNU GPL v3.

We offer support of the product which brings you the following benefits:

- SLA: next business day response time for critical issues
- Regular health checks
- Priority in implementation of new functionality which the customer requests
- Report automation and customization
- Enterprise edition of the product contains:
  - Unlimited number of Volumes in one Custom Group
  - Unlimited number of items in PDF reports

