SAN monitoring

STOR2RRD is a performance monitoring and capacity planning tool for storage and SAN, which monitors all your SAN devices and presents them within one centralized console. All required information from the SAN network is presented in a simple understandable form on your STOR2RRD console.

It is able to aggregate performance information for group of SAN ports across your environment (regardless of fabric, switches etc).

You can easily find out actual and historical performance data (to track issues and bottlenecks) and quickly respond to any performance problem.

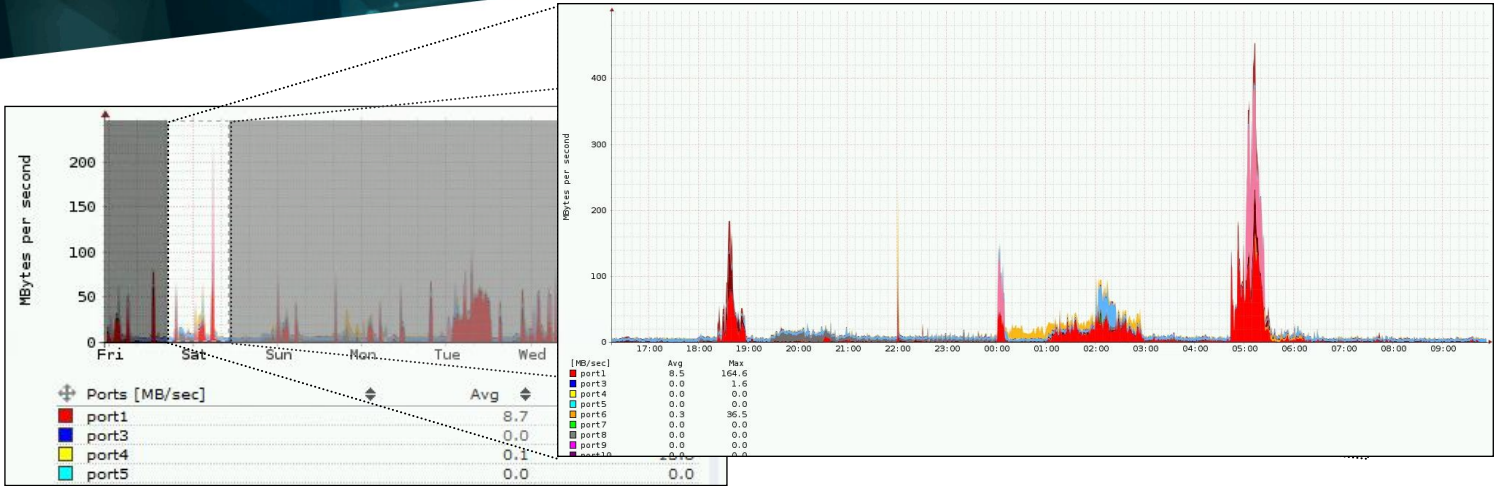| Supported SAN switches:	
• All Brocade models including OEM rebrands (including Virtual Fabric support) • Brocade Network Advisor	• Cisco MDS (including VSAN support) • Cisco Nexus • QLogic

Actual supported devices can be found at the: http://www.stor2rrd.com/support_matrix.htm

	Total	Per fabric	Per switch	Per port	Metrics
Port			✓	✓	data in/out
Port aggregated			✓		frames in/out
Switch aggregated	✓	✓			BB credits
ISL aggregated	✓				errors

Additional features:

- Brocade vFabric support
- Cisco VSAN support
- Fabric configuration (aliases, zones, ... only for Cisco switches)
- Graphical healthcheck (HW or logical issues on ports or switches)
- Historical reporting
- GUI zooming
- Heatmap
- Zone configuration (only via BNA)

Monitored metrics:	Aggregated graphs per:
• Data throughput [MB/sec] • Frame throughput [frames/sec] • Buffer credits usage • CRC errors • Encoding errors • CPU, Memory usage (only via BNA)	• Port • Switch • Fabric • All switches total • ISL (Inter Switch Link)

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:
  - o Unlimited number of Volumes in one Custom Group
  - o Unlimited number of items in PDF reports

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