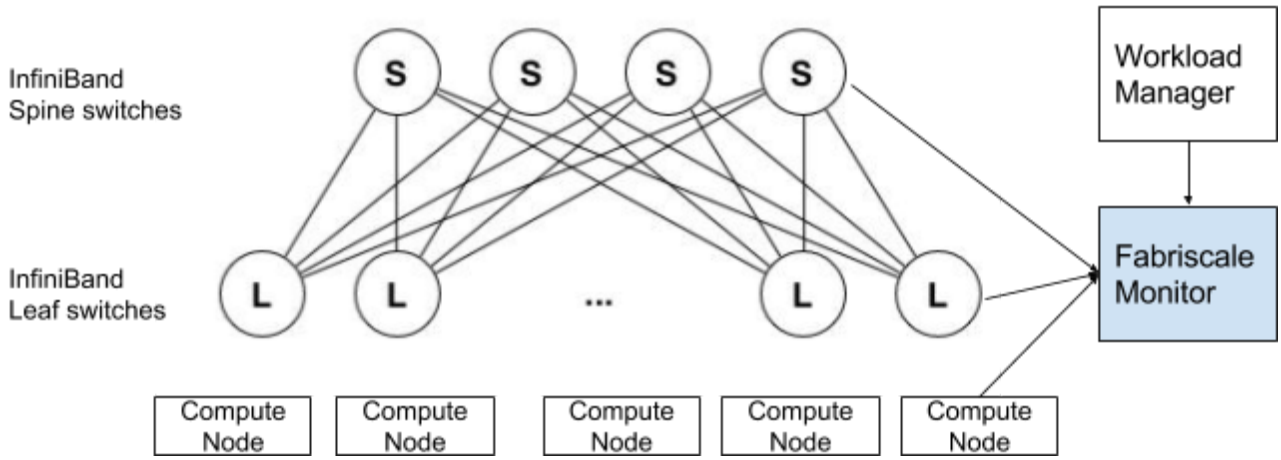
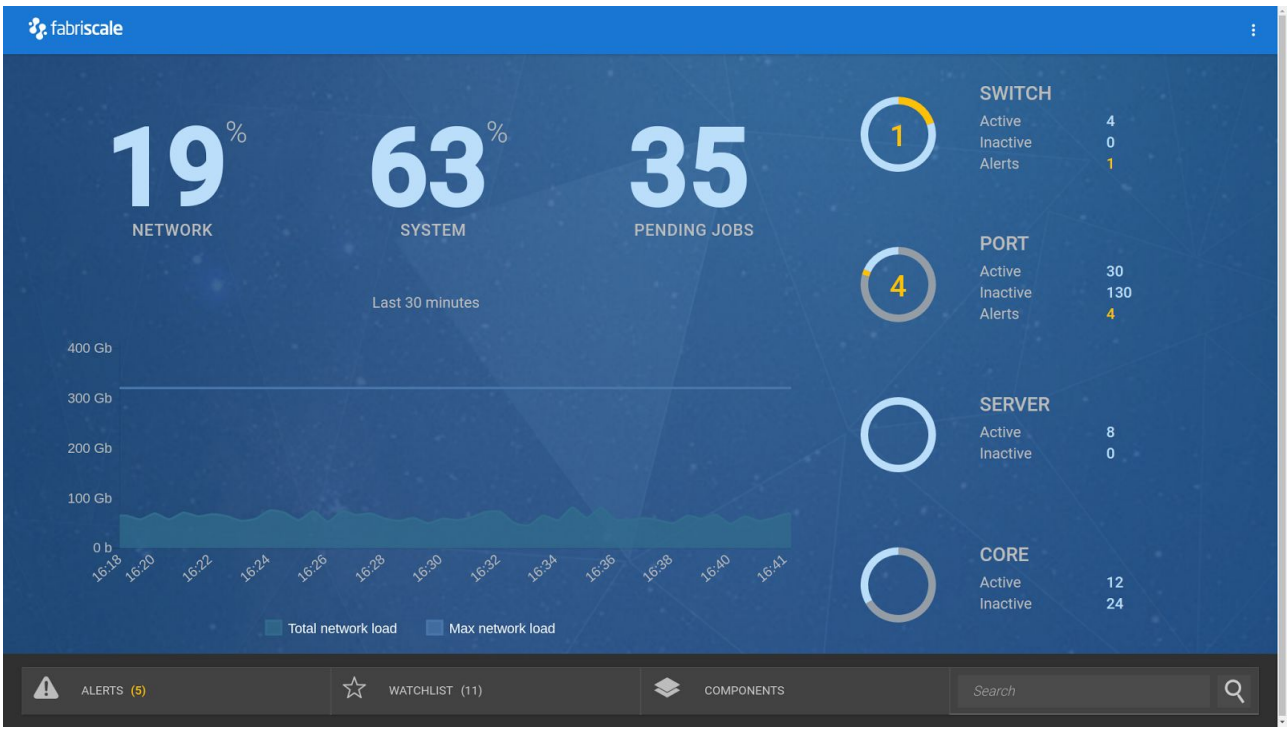
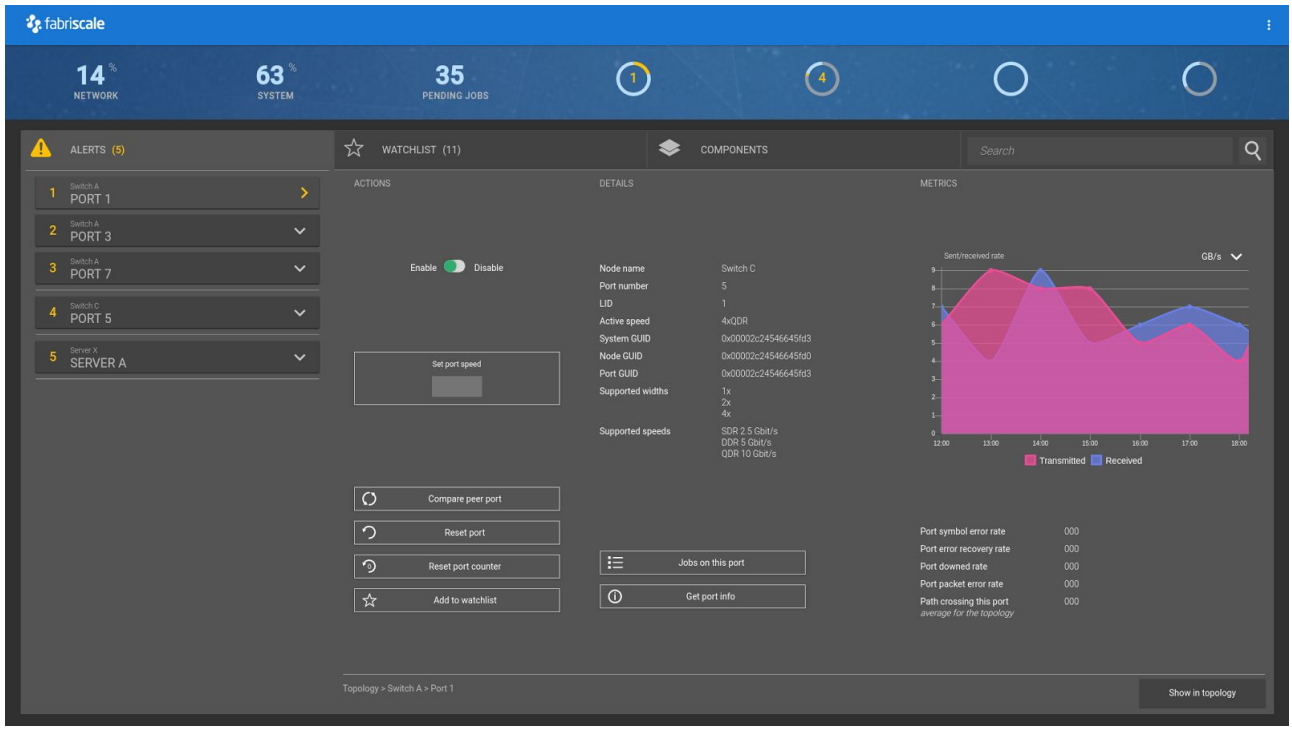
# FABRISCALE MONITORING SYSTEM




The Fabriscale Monitoring System (FMS) is a cluster interconnect monitoring software that provides a visual insight into the status of your InfiniBand cluster. Fabriscale Monitoring System gives you a quick overview of performance, help you visualize your topology, and let you drill-down into statistics, alerts and key metrics. By using the Fabriscale Monitoring System, monitoring of the cluster is automated and the system raise alarms only when the operator's attention is required. At this time, the operator will quickly be pointed to where the problem has occurred, supported by relevant metrics and statistics with strong analytics support. This saves the operator time, leads to faster recovery from error situations, less strain on key operator resources and finally reduced downtime for your cluster.



The Fabriscale Monitoring System dashboard gives the operator a quick overview of the state and performance of the cluster, and is an entry point to dive into alerts and statistics when required.




The Fabriscale Monitoring System makes it easy to define alerts for switch and servers interfaces (such as alert on error rate thresholds, sustained throughput, etc) and lets the operator drill down in collected metrics and network events to understand the root cause of potential problems.

**Workload manager integration**

Fabriscale Monitoring System interfaces seamlessly with the MOAB HPC suite from Adaptive Computing. MOAB intelligently places workloads and adapts resources to optimize application performance, increase system utilization and achieve organizational objectives. Fabriscale Monitoring System leverage job scheduling information from MOAB to present cluster performance information as a function of workload. Potential network bottlenecks can be identified per job, and utilization for a specific job can be specified per port. Fabriscale Monitor also interface with the SLURM open source workload manager.

**System Requirements**

The Fabriscale Monitor is not CPU intensive, but benefits more from multiple cores rather than high clock rate. We recommend a system with 8 GB RAM and upwards, depending on cluster size. Disk requirements are depending on cluster size and amount of historical information to be stored. For larger systems, SSD storage is recommended.

For more information about the Fabriscale Monitoring please visit www.fabriscale.com or contact us at info@fabriscale.com.