

FabricIT™

Integrated Switch Management Solution

FabricIT™ is a switch-based fabric software tool that enables the management and configuration of Mellanox IS5000 switch platforms providing optimal performance for cluster computing, enterprise data centers (EDC) and cloud computing.

The switch management capabilities ensures the highest fabric performance while the chassis management ensures the longest switch up time. With FabricIT running on InfiniScale® IV powered fabrics, IT managers will see a higher return on their compute as well as infrastructure investment through higher CPU productivity due to higher network throughput and availability.

Switch Chassis Management

FabricIT chassis management software is included with every IS5000 series managed switch, enabling Network Administrators to monitor the switch hardware. With local and remote configuration and management capabilities, chassis management provides parameter information including port status with event and error logs, CPU resources, and internal temperature with alarms. The chassis manager ensures low switch maintenance and high network availability.

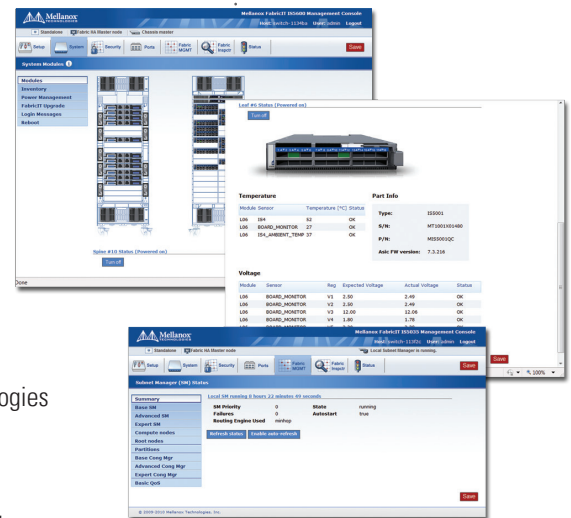
Subnet Management

FabricIT subnet management provides a reliable and scalable management solutions for cluster and data center fabrics. Its modular design integrates the subnet manager (SM) with advanced features simplifying cluster bring up and node initialization through automatic discovery and configuration. The performance monitors measure the fabric characteristics to ensure the highest

effective throughput. For ease of use the switch management is differentiated into basic, advanced and expert modes where support for various routing algorithms and fabric topologies are included.

Mellanox Advantage

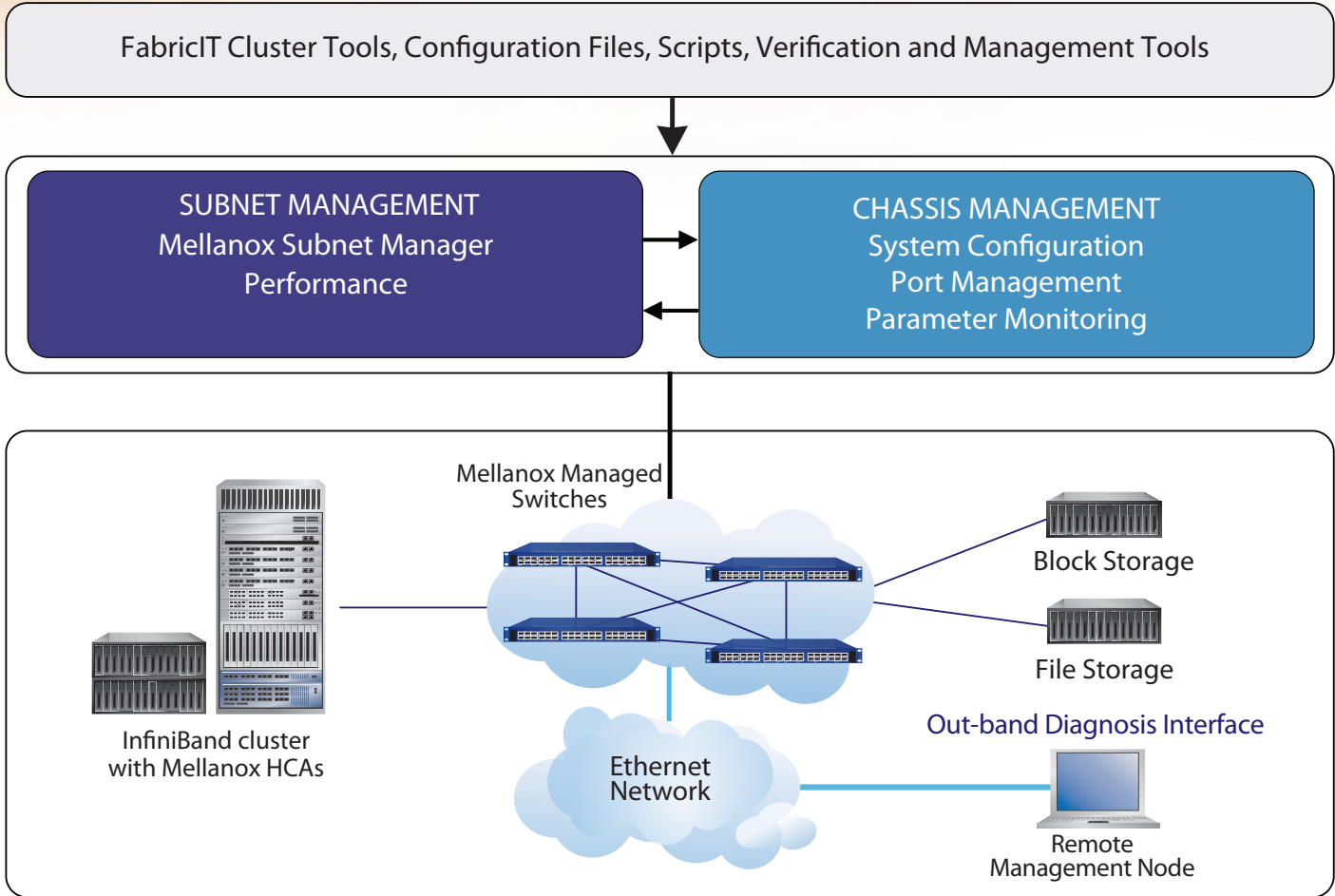
Mellanox Technologies is a leading supplier of end-to-end servers and storage connectivity solutions to optimize data center performance and efficiency. Mellanox InfiniBand adapters, switches, and software are powering Fortune 500 data centers and the world's most powerful supercomputers. For the best in server and storage performance and scalability with the lowest TCO, Mellanox interconnect products are the solution.



HIGHLIGHTS

- Embedded Subnet Manager (SM)
- Optimal cluster and data center performance
- Reliable and scalable architecture supporting up to 648 nodes
- Accelerated fabric design and installation
- “Out of the box” experience
- In-band and out-band support for standalone or remote configuration with secure access
- Performance monitoring
- Quality of Service based on traffic type and service levels
- Hardware monitoring and alarms
- Remote or local configuration

FabricIT™ Mellanox InfiniBand Management Solution



FEATURE SUMMARY

- Comprehensive cluster management
- Cluster bring-up
- Switch chassis management
- Quality of Service enforcement
- Secure, remote configuration and management
- Performance monitoring
- Error, event and status notifications

HARDWARE SUPPORT

- All Mellanox's InfiniScale IV Switches Family
- All Mellanox's InfiniHostIII, ConnectX and ConnectX2 Adapters Family



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