

## STORAGE AREA NETWORK FABRIC - MANDATORY TECHNICAL REQUIREMENTS

Item		Mandatory Requirement
MR Cat F - 1	Hardware Connectivity	The solution must support multiple 8Gbps Fiber Channel ports. Backward compatibility for 4Gbps Fiber Channel is required.
MR Cat F - 2	Availability and Redundancy	The solution must provide high availability, 99.999%, via maintenance and designed in reliability and redundancy. Single component failures must never bring down the system.
MR Cat F - 3	Non-disruptive Upgrade	The solution must provide non-disruptive hardware, firmware and software upgrades.
MR Cat F - 4	Scalability	The solution must scale to 2,000 FC ports or more and appear as a single logical fabric.
MR Cat F - 5	Inter Switch Link (ISL) Trunking	The solution must support ISL trunking for linking multiple director class switches.
MR Cat F - 6	Core and core-edge configurations	The solution must support core only and core-edge designs.
MR Cat F - 7	Security	The solution must provide controls for access, restricting access, logging access, and protecting data.
MR Cat F - 8	Management	The solution must provide a comprehensive management system for configuration, monitoring, alerting, performance, and administration. The management solution must be able to consolidate multiple systems in one command console and be operated as a unified solution.
MR Cat F - 9	Virtualization support	The solution must be compatible with VMware and Hyper-V.
MR Cat F - 10	Hardware and Software Compatibility Lists	The solution must have a compatibility list of hardware and software to include Host Bus Adaptors (HBA's).