

Intelligent FC switches

VENDOR/ PRODUCT	SWITCH SPECIFICATIONS			VOLUME MANAGEMENT	QUALITY OF SERVICE			SECURITY		STANDARDS
	MIN/MAX PORTS	FC PORT TYPES	PROTOCOLS		BAND WIDTH LIMITING	FC PACKET INSPECTION	PRIORITIZING TRAFFIC	RADIUS AUTHENTI- CATION	# OF DEFINED USER ROLES	SMI-S/FDMI* ENABLED
Brocade SilkWorm i2000	32/128 (2 x 64)	F, E, FL, U	FC, FICON	No VM technologies ported	Automatic	Frame filtering of header	Virtual channels	Early 2005	3	Yes/Yes
Brocade SilkWorm 24000	32/128	F, E, FL, U	FC, FICON	No VM technologies ported	Automatic	Frame filtering	Virtual channels	Early 2005	3	Yes/Yes
Cisco MDS 9500 Series (directors)	16/224	F, E, FL, TE, TL, SD	FC, iSCSI, FCIP, FICON	IBM SAN Volume Manager Veritas Storage Foundation for Networks	Policy-based	Yes	Policy-based	Yes	64	Yes/Yes
Cisco MDS 9216 (semi-modular fabric switch)	16/48	F, E, FL,TE, TL, SD	FC, iSCSI, FCIP, FICON	IBM SAN Volume Manager Veritas Storage Foundation for Networks	Policy-based	Yes	Policy-based	Yes	64	Yes/Yes
CNT UltraNet Multi-service Director	32/512	F, E	FC, iSCSI, FCIP,FICON	Third-party and native volume management, replication, mirroring and device emulation (available mid-2005)	Policy-based	Yes	Policy-based	Yes	400+	Yes/Mid-2005
Maranti Networks CoreStor 3000 Network Storage Controller	8/128	F, N	FC, iSCSI	Native port-based, Fast-path-virtualization, Mirroring, Replication and Snapshot	Policy-based	LUN level	Policy-based	Q4 '04	5	Late 2004/No
Maranti Networks CoreStor 2000 Network Storage Controller	8/16	F, N	FC, iSCSI	Native port-based, Fast-path-virtualization, Mirroring, Replication and Snapshot	Policy-based	LUN level	Policy-based	Q4 '04	5	Late 2004/No
Maxxan MXV320	10/320	F, E	FC, FCIP, GbE	FalconStor IPStor, Windows Storage Server 2003	No	No	No	No	1	Mid-2005/No
Maxxan MXV500	16/512	F, E	FC, iSCSI, FCIP, GbE	FalconStor IPStor, Windows Storage Server 2003	No	No	No	No	1	Mid-2005/No
McData Intrepid 10000	64/256	F, E, N	FC, FICON, Ethernet/IP/iSCSI	Volume Management, Synch/Asynch replication, Snapshot, Mirroring (available 2006)	Manual	Yes	Manual	Q3 '04	Unlimited	2004/2005
McData Intrepid 6140	16/140	F, E, N	FC, FICON, Ethernet/IP/iSCSI	Volume Management, Synch/Asynch replication, Snapshot, Mirroring (Available second half of 2005)	Manual	Yes	Manual	Q3 '04	Unlimited	2004/2005
McData Sphereon i4700	8/24	F, E, N	FC	Volume Management, Synch/Asynch replication, Snapshot, Mirroring (Available second half of 2005)	Policy-based	Yes	Policy-based	Q3 '04	Unlimited	2004/2005
Sandial Shadow i4000	2/144	F, E, N, G, FL	FC	No VM technologies ported	Yes	No	Yes	No	4	No/No

Researched by Robin Rauff-Sager; *Fabric Device Management Interface.