



IBM System Storage DS3000 series Sample Configurations

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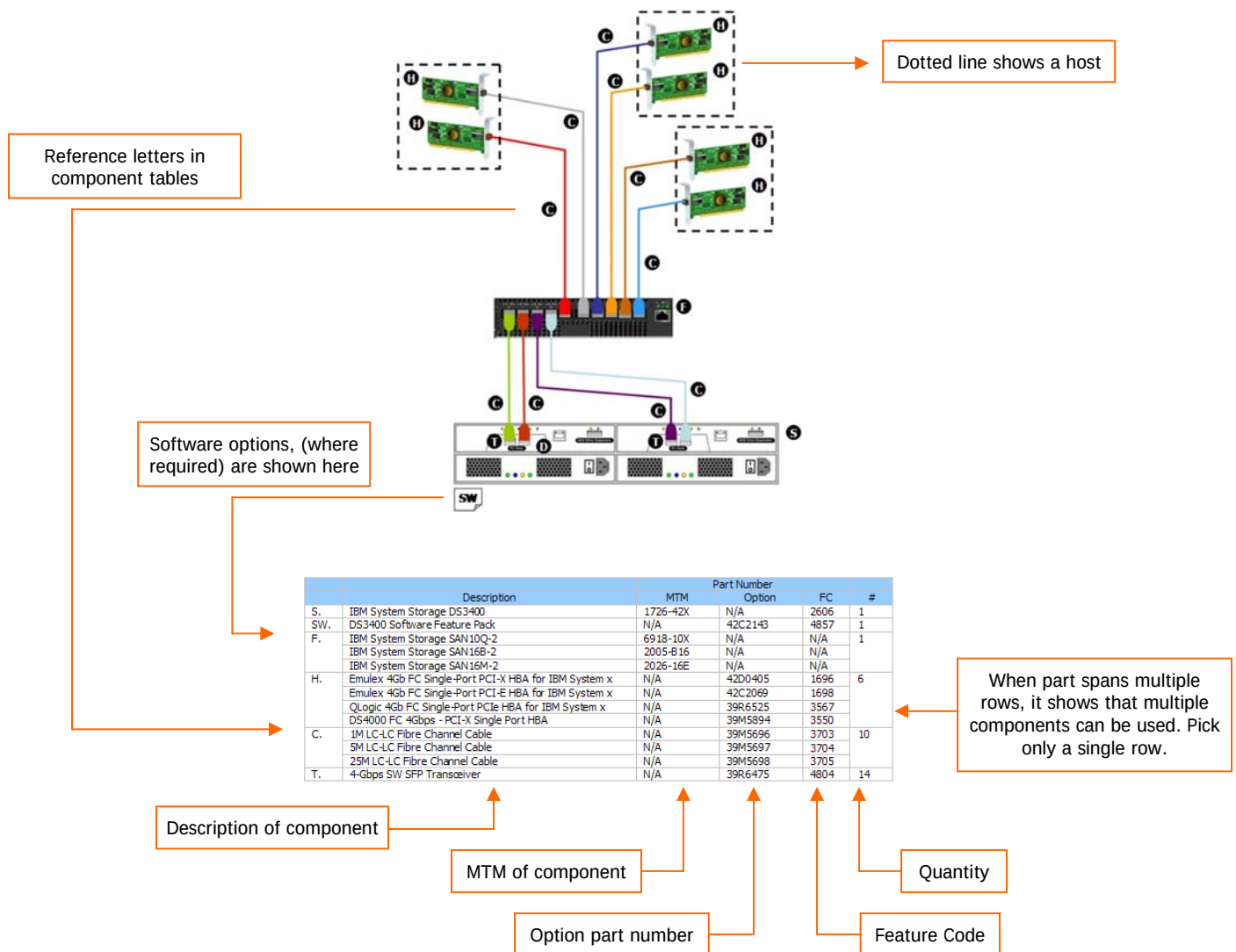
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Sample Configurations

The following pages contain sample configurations of the DS3000 series enclosures.

The configurations show cabling and information on quantities required to build the configurations. Please note that the sample configurations are not an exhaustive list that can be built with DS3000 series. The configurations are meant to give an understanding of how DS3000 series works together with the portfolio of hardware and software options from IBM. This document should not be used as a substitute for the IBM configuration tools.

How to use the configurations and component tables

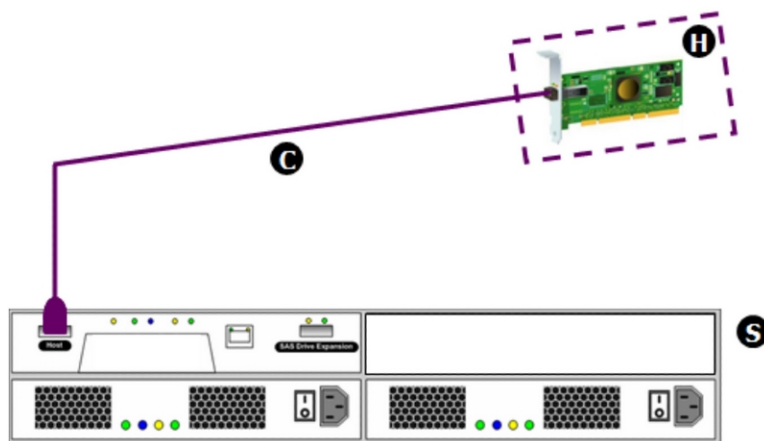


DS3200 SAS Single Controller Entry Level: Single Server, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	1
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	1
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

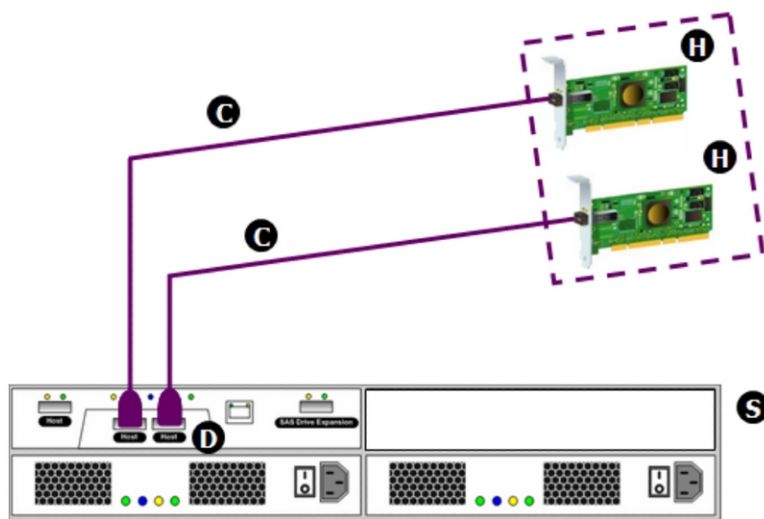


DS3200 SAS Single Controller: Single Server, Dual Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
D	DS3200 SAS 2-Port Daughter Card	39R6509	1726-HC2	4836	1
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	2
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	2
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

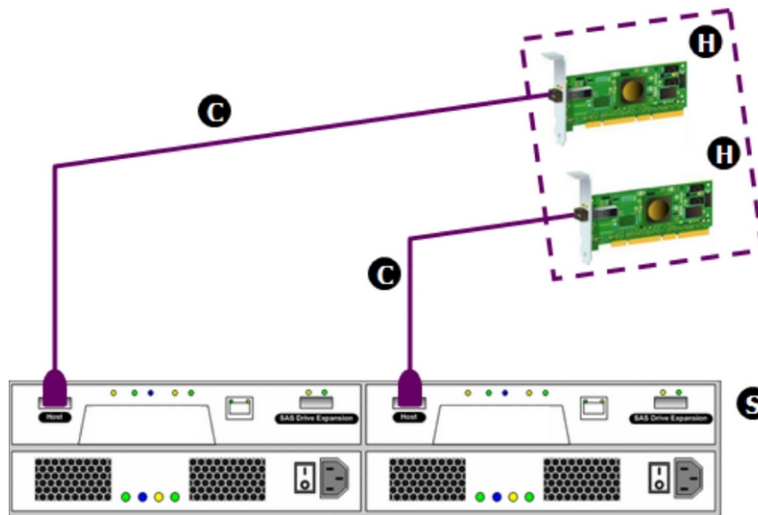


DS3200 SAS Dual Controller: Single Server, Dual Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	2
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	2
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

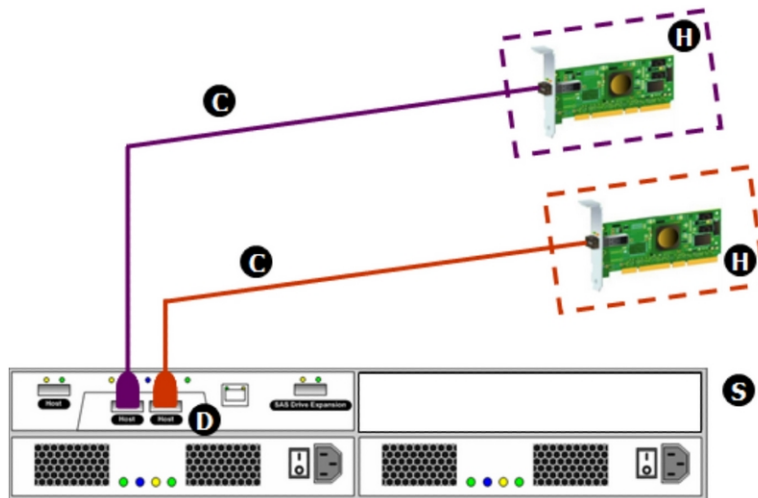


DS3200 SAS Single Controller: Two Servers, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
D	DS3200 SAS 2-Port Daughter Card	39R6509	1726-HC2	4836	1
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	2
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	2
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

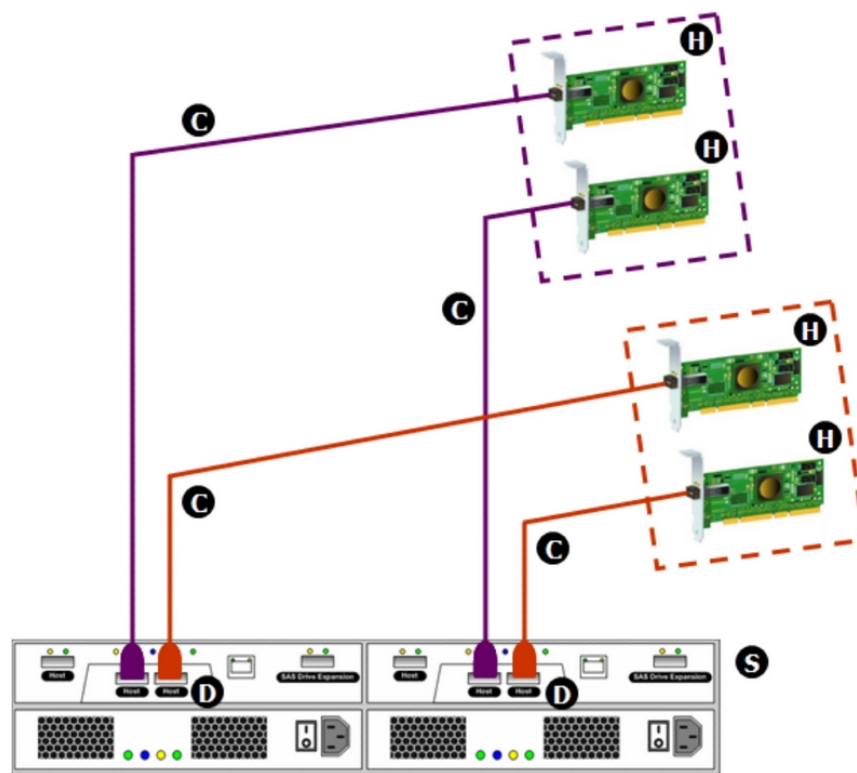


DS3200 SAS Dual Controller: Two Servers, Dual Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
D	DS3200 SAS 2-Port Daughter Card	39R6509	1726-HC2	4836	2
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	4
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	4
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

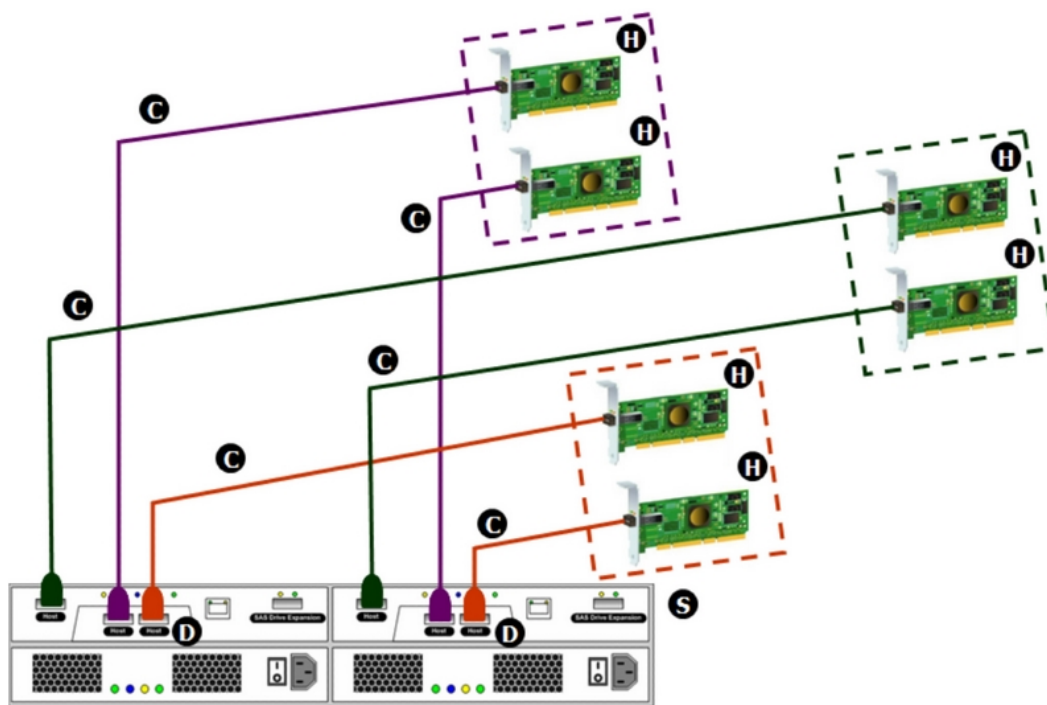


DS3200 SAS Dual Controller: Three Servers, Dual Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
D	DS3200 SAS 2-Port Daughter Card	39R6509	1726-HC2	4836	2
H	IBM SAS HBA Controller	25R8060	1726-HC2	1681	6
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	6
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

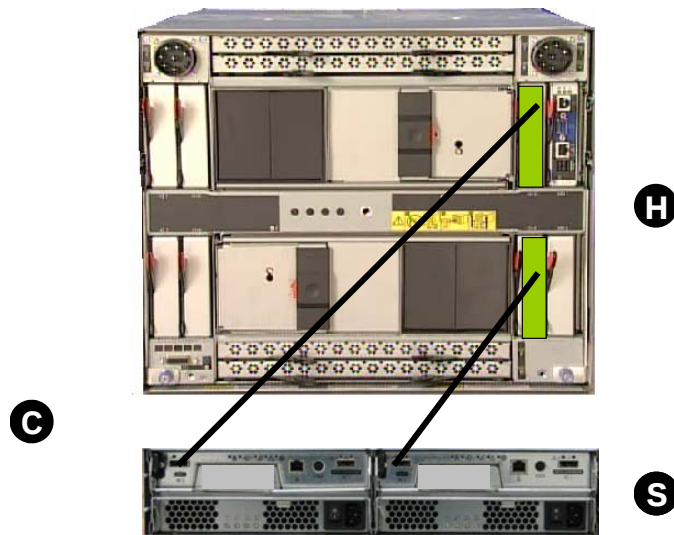


DS3200 SAS Dual Controller: BladeCenter H, Dual Path with Redundant SAS Connectivity Modules

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
H	IBM BladeCenter SAS Connectivity Module	39Y9195			2
	SAS Expansion Card (CFFv) for IBM BladeCenter	39Y9190			1 per blade
C	IBM 1m SAS Cable	39R6529	1726-HC2	3708	2
	IBM 3m SAS Cable	39R6531	1726-HC2	3707	

Note:

Pick only one row from C.

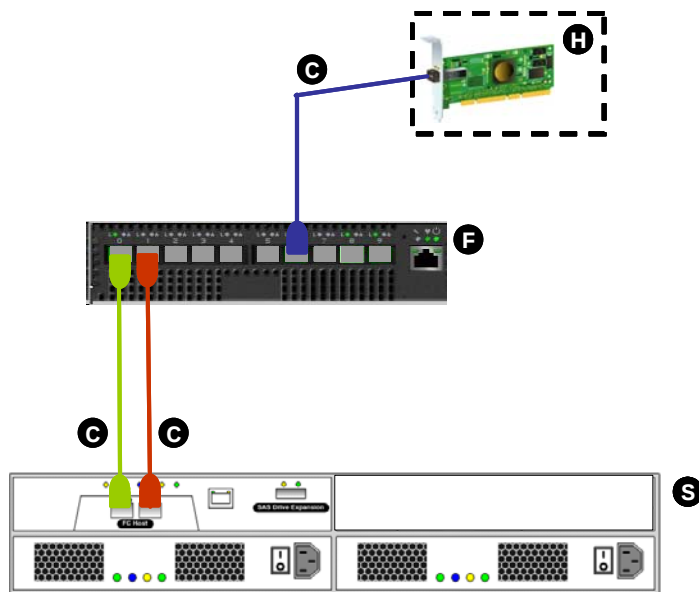


DS3300 iSCSI Single Controller Entry Level: Single Server, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3300 iSCSI Single Controller	1726-31X	1726-HC3	2618	1
H	IBM Qlogic iSCSI Single-Port PCI-e HBA for IBM System x	39Y6146			1
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			3

Note:

See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

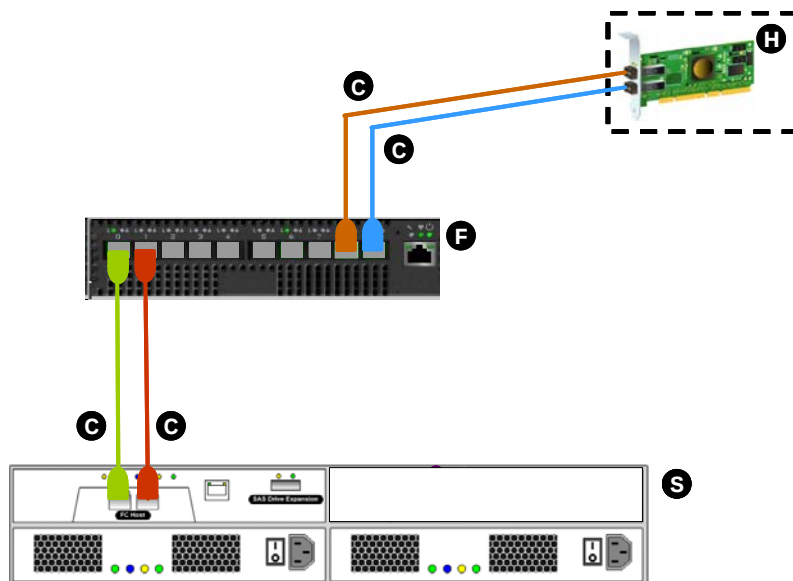


DS3300 iSCSI Single Controller: Single Server, Dual Path with Dual Port HBA

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3300 iSCSI Single Controller	1726-31X	1726-HC3	2618	1
H	IBM Qlogic iSCSI Dual-Port PCI-e HBA for IBM System x	42C1770			1
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			4

Note:

See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

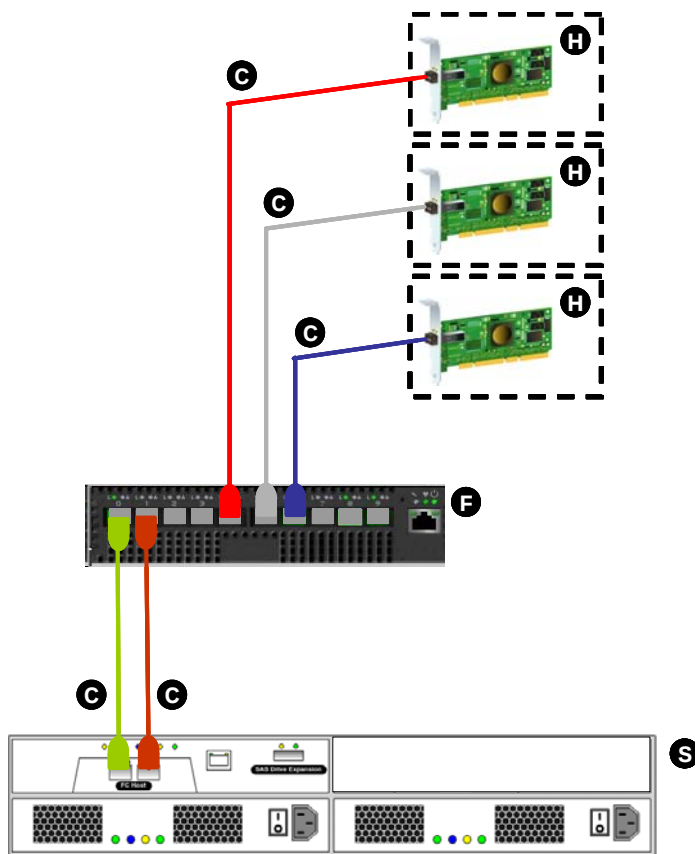


DS3000 iSCSI Single Controller: Three Servers, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3000 iSCSI Single Controller	1726-31X	1726-HC3	2618	1
H	IBM Qlogic iSCSI Single-Port PCI-e HBA for IBM System x	39Y6146			1
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			5

Note:

See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

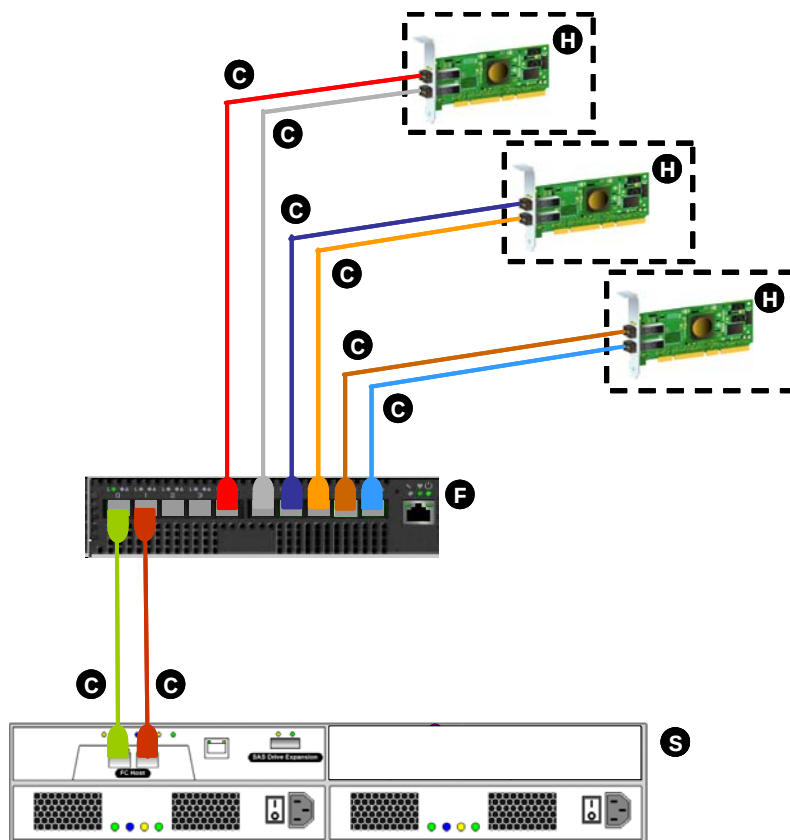


DS3300 iSCSI Single Controller: Three Servers, Dual Path with Dual Port HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3300 iSCSI Single Controller	1726-32X	1726-HC3	2610	1
H	IBM Qlogic iSCSI Dual-Port PCI-e HBA for IBM System x	42C1770			3
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			8

Note:

See DS3300 Interoperability Matrix for additional supported iSCSI HBAs

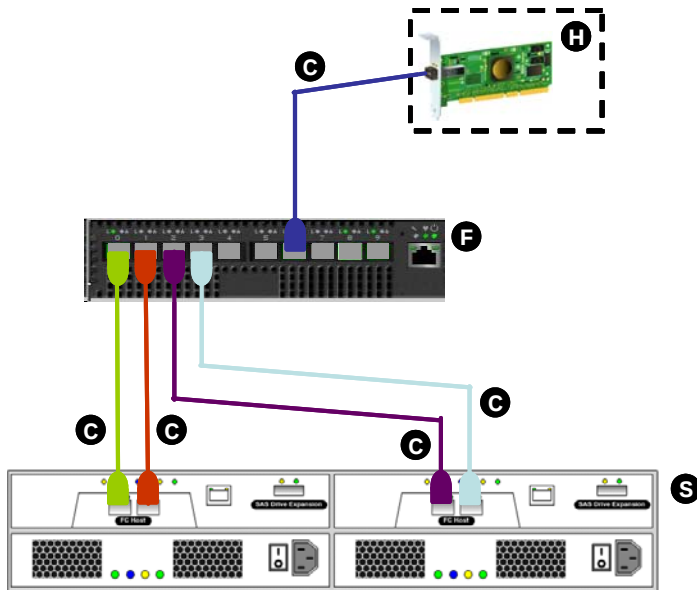


DS3300 iSCSI Dual Controller: Single Server, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3300 iSCSI Dual Controller	1726-32X	1726-HC3	2610	1
H	IBM Qlogic iSCSI Single-Port PCI-e HBA for IBM System x	39Y6146			1
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			5

Note:

Multi-pathing software recommended in Dual Controller configurations
See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

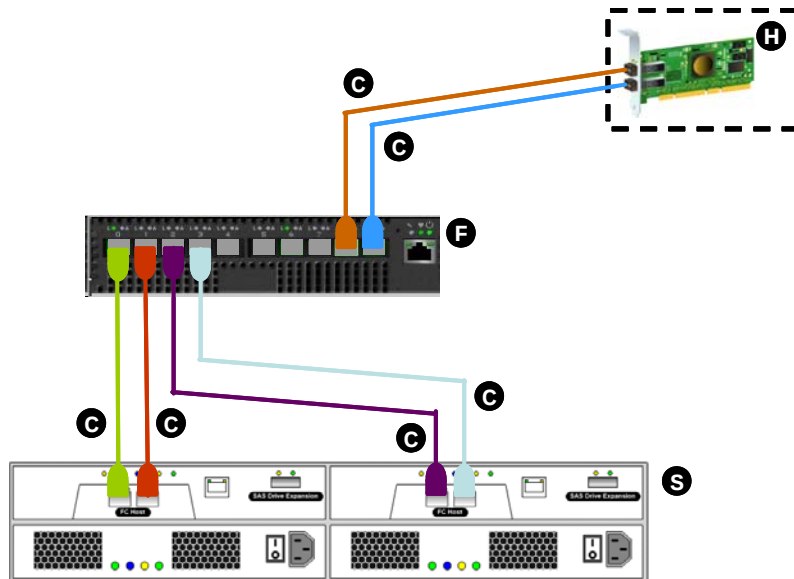


DS3000 iSCSI Dual Controller: Single Server, Dual Path with Dual Port HBA

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3000 iSCSI Dual Controller	1726-32X	1726-HC3	2610	1
H	IBM Qlogic iSCSI Dual-Port PCI-e HBA for IBM System x	42C1770			1
F	Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			6

Note:

Multi-pathing software recommended in Dual Controller configurations
See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

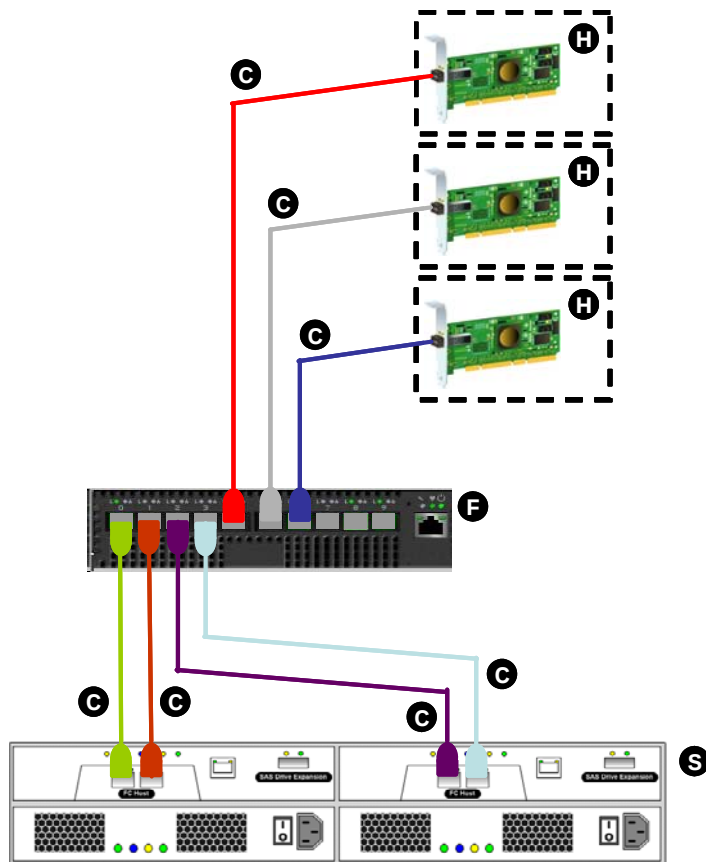


DS3300 iSCSI Dual Controller: Three Servers, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3300 iSCSI Dual Controller	1726-32X	N/A	2610	1
H	IBM Qlogic iSCSI Single-Port PCI-e HBA for IBM System x	39Y6146			3
F	1 G Ethernet Switch	N/A			1
C	Ethernet Cable	N/A			7

Note:

Multi-pathing software recommended in Dual Controller configurations
See DS3000 Interoperability Matrix for additional supported iSCSI HBAs

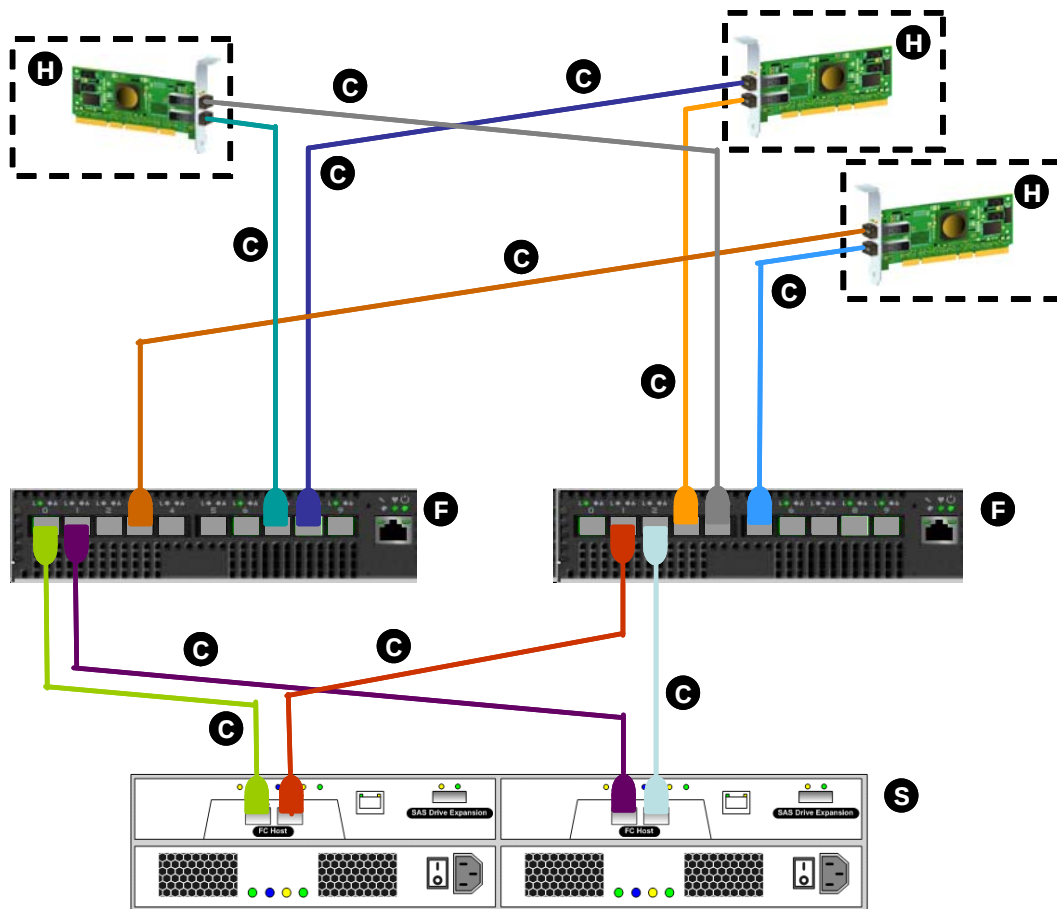


DS3000 iSCSI Dual Controller: Three Servers, Dual Path with Redundant Switches

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3000 iSCSI Dual Controller	1726-32X	1726-HC3	2610	1
H	IBM Qlogic iSCSI Dual-Port PCI-e HBA for IBM System x	42C1770			3
F	1 G Ethernet Switch	N/A			2
C	Ethernet Cable	N/A			10

Note:

Multi-pathing software recommended in Dual Controller configurations
See DS3000 Interoperability Matrix for additional supported iSCSI HBAs



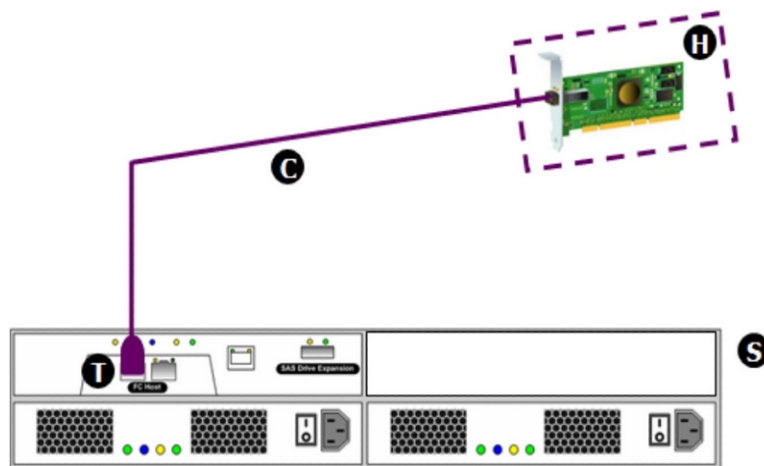
DS3400 FC Single Controller Entry Level: Single Server, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	1
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	1
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	1
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	1

Note:

Pick only one row from H.

Pick only one row from C.



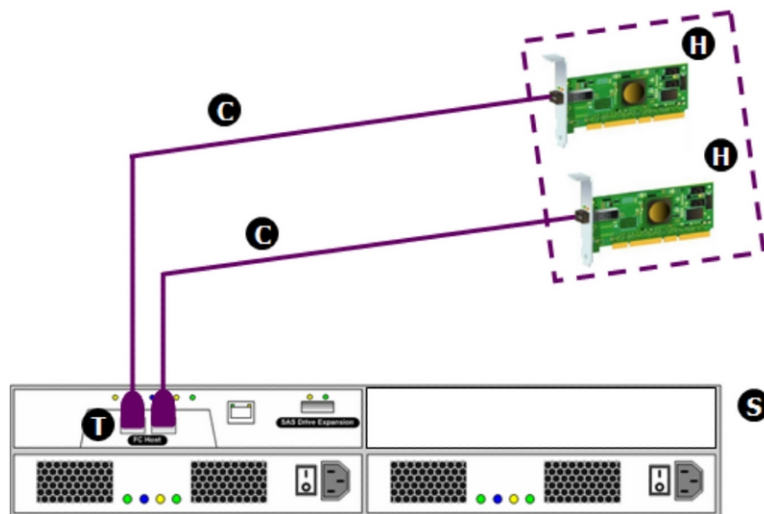
DS3400 FC Single Controller: Single Server, Dual Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	1
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	2
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	2
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	2

Note:

Pick only one row from H.

Pick only one row from C.



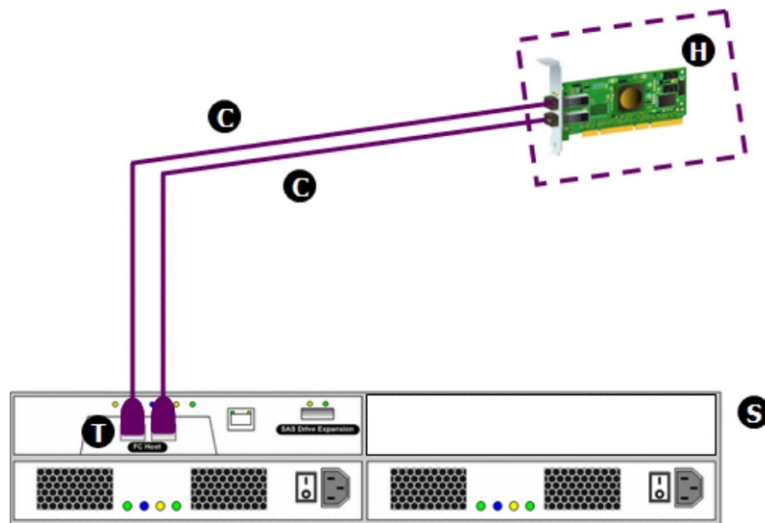
DS3400 FC Single Controller: Single Server, Dual Path with Dual Port HBA

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	1
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	42D0407	N/A	1697	1
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42C2071	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6527	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5895	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	2
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	2

Note:

Pick only one row from H.

Pick only one row from C.



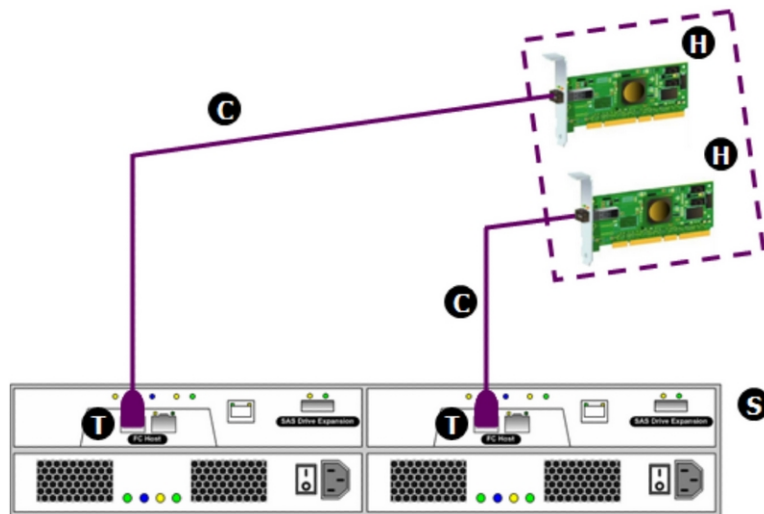
DS3400 FC Dual Controller: Single Server, Single Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	2
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	2
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	2

Note:

Pick only one row from H.

Pick only one row from C.



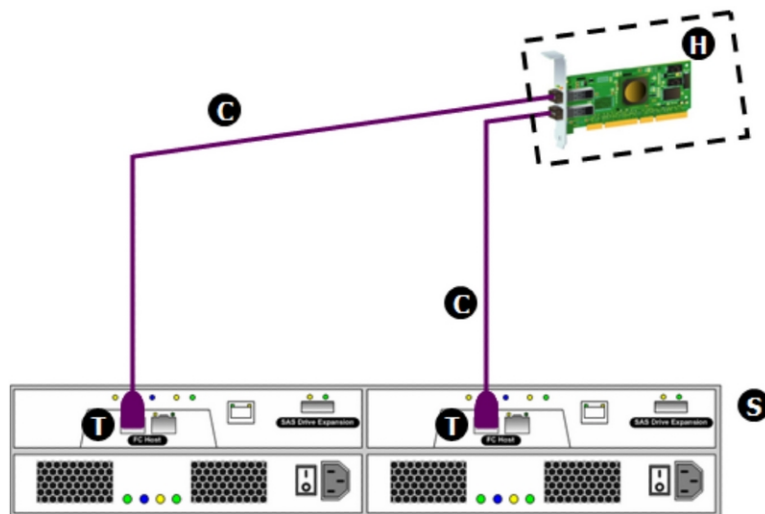
DS3400 FC Dual Controller: Single Server, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	42D0407	N/A	1697	1
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42C2071	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6527	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5895	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	2
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	2

Note:

Pick only one row from H.

Pick only one row from C.



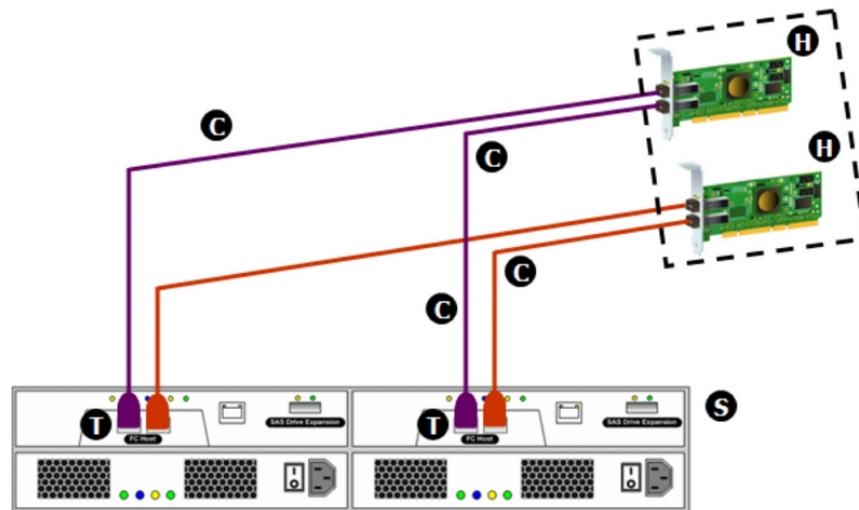
DS3400 FC Dual Controller: Single Server, Dual Path with Redundant HBAs

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	42D0407	N/A	1697	2
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42C2071	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6527	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5895	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	4
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	4

Note:

Pick only one row from H.

Pick only one row from C.



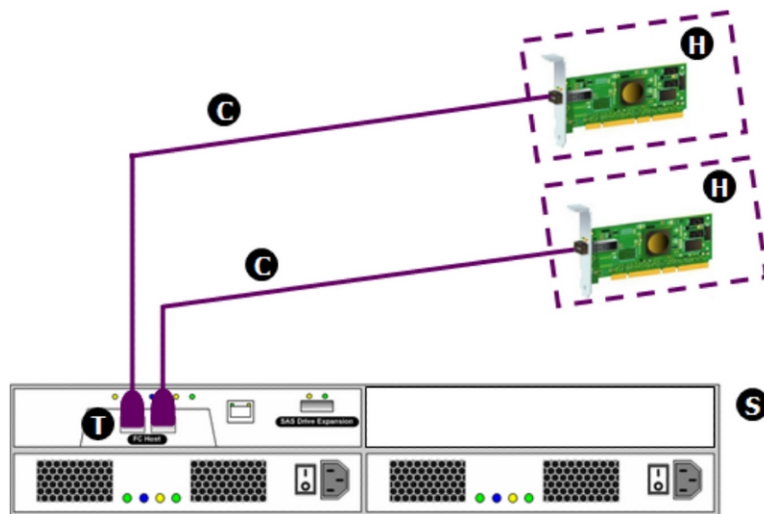
DS3400 FC Single Controller: Two Servers, Single Path

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	1
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	2
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	2
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	2

Note:

Pick only one row from H.

Pick only one row from C.



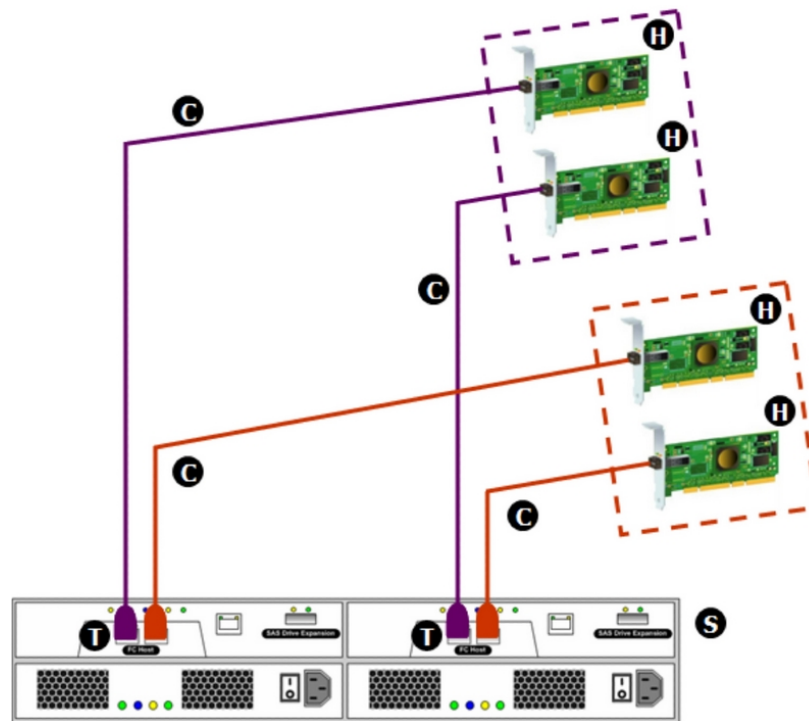
DS3400 FC Dual Controller: Two Servers, Dual Path with Redundant HBAs

	Description	MTM	Option	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	4
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	4
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	4

Note:

Pick only one row from H.

Pick only one row from C.



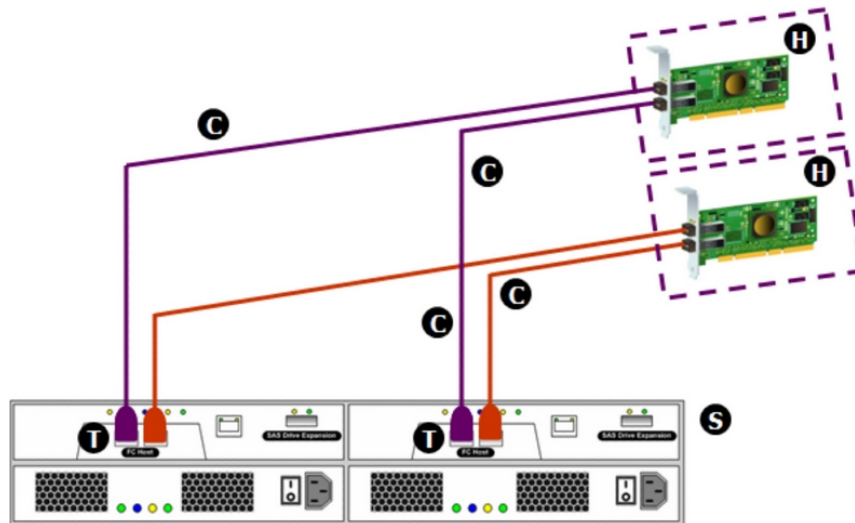
DS3400 FC Dual Controller: Two Servers, Dual Path with Failover

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400	1726-42X	1726-HC4	2606	1
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	42D0405	N/A	1697	2
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42C2069	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6525	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5894	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	4
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	4

Note:

Pick only one row from H.

Pick only one row from C.



DS3400 FC Dual Controller: Three Servers, SAN Switch

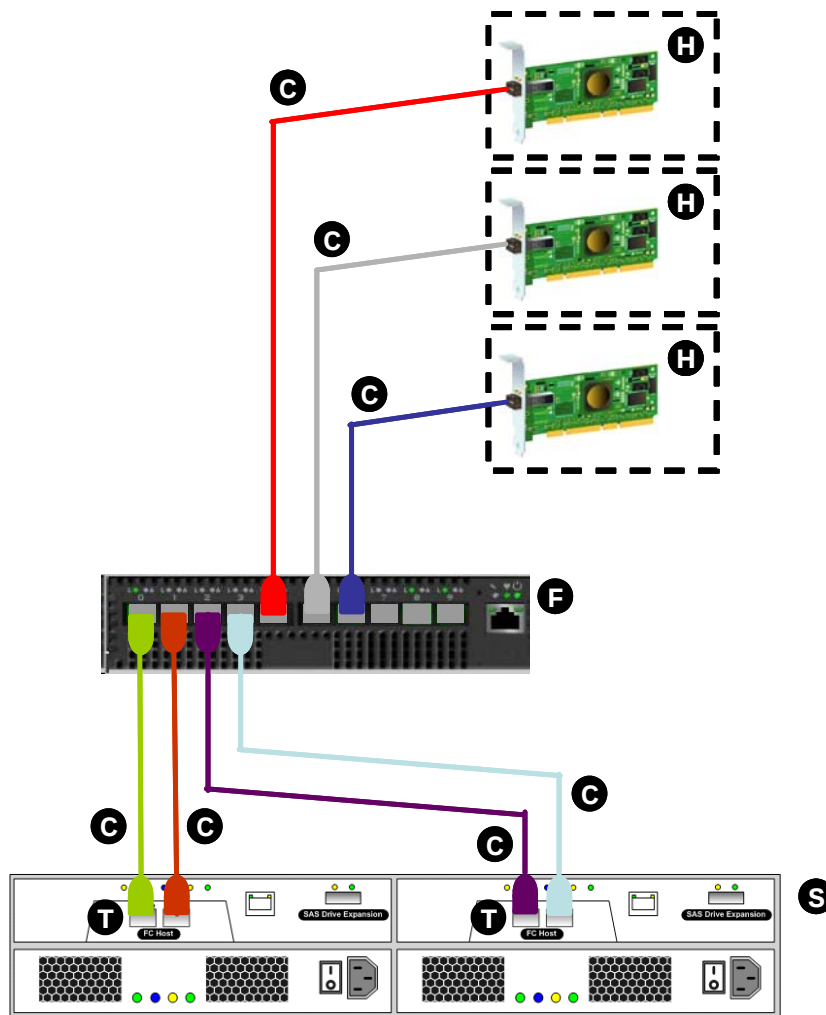
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ¹	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	3
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	7
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	11

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



¹ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Three Servers, SAN Switch with Dual Ported HBAs

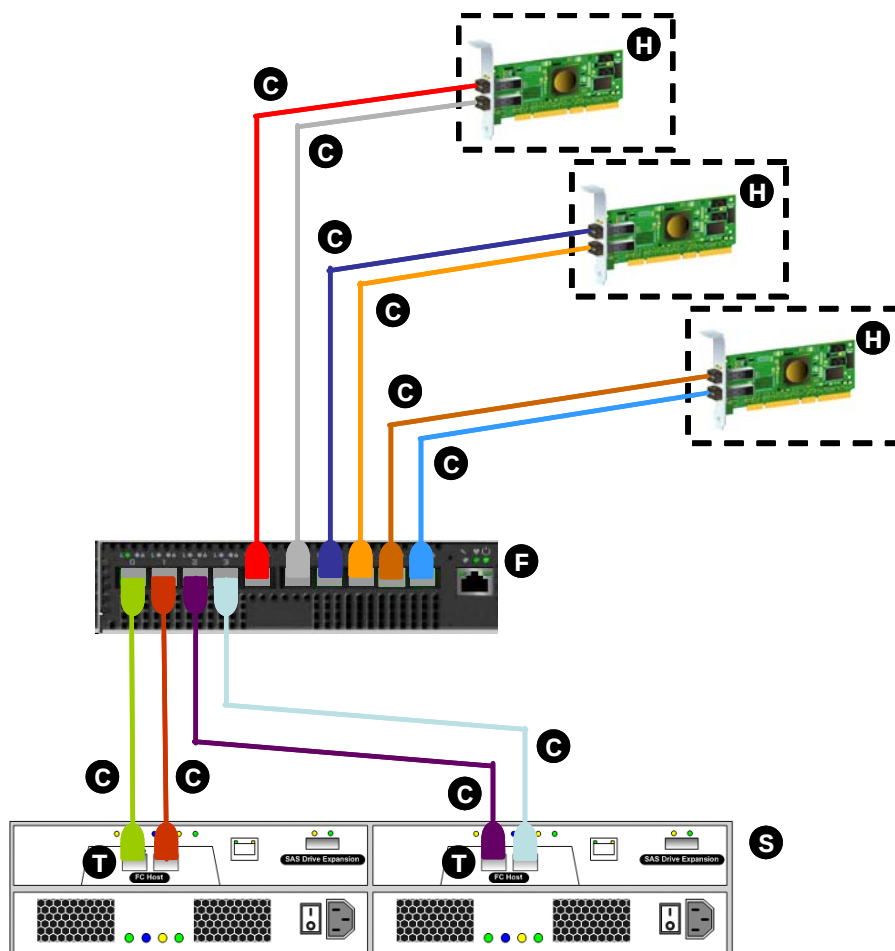
	Description	Part Number	MTM	FC	#
S.	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ²	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	42D0405	N/A	1697	3
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42C2069	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6525	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5894	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	10
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	14

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



² Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Three Servers, SAN Switch with Redundant HBAs

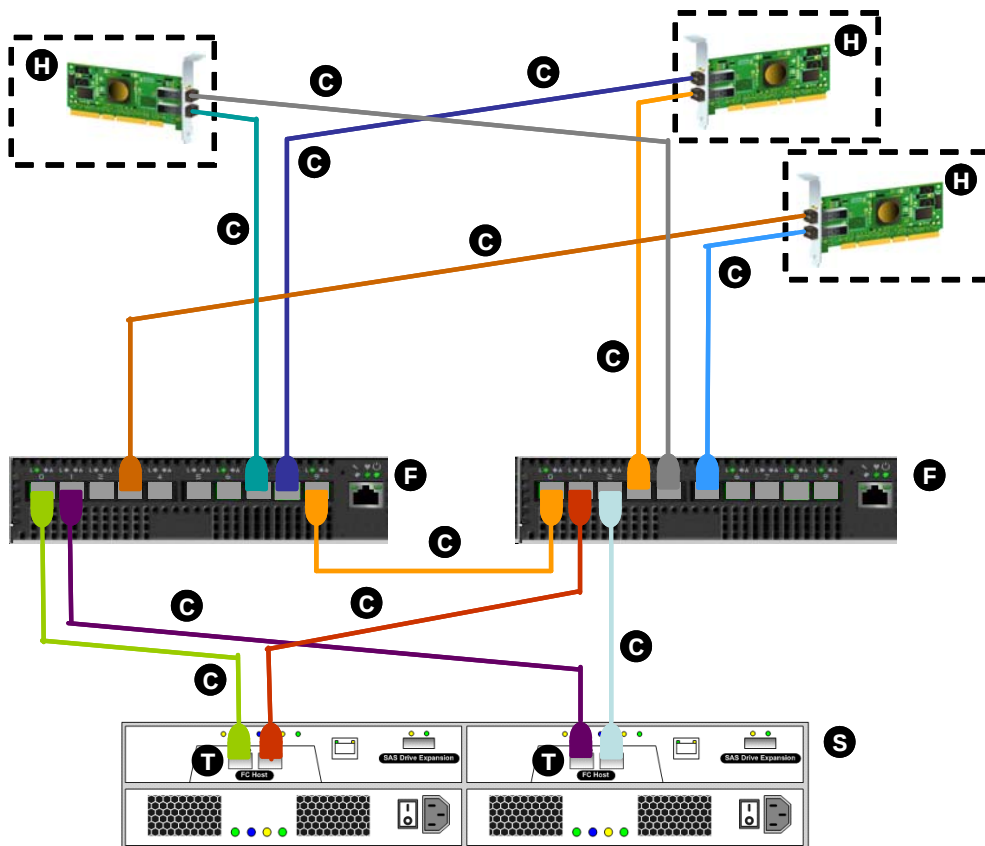
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ³	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	6
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	10
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	14

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



³ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Three Servers, High-Availability with Dual Ported HBAs

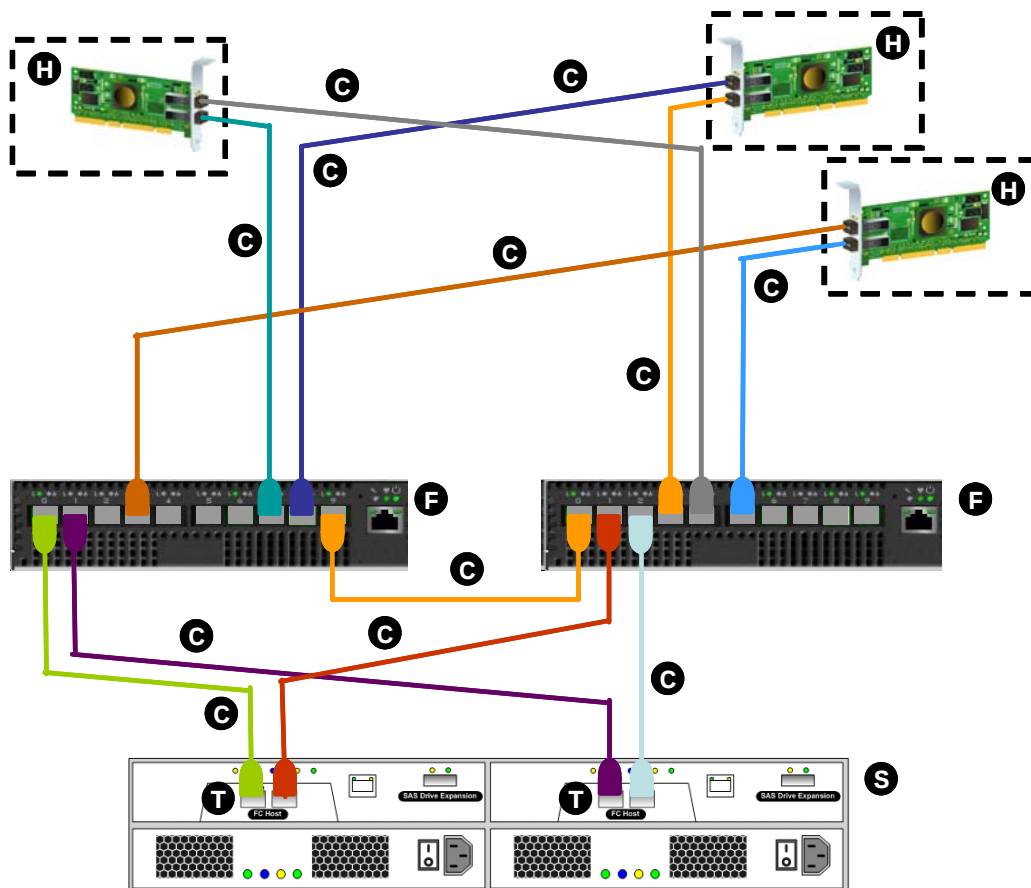
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ⁴	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	2
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4GB FC Dual-Port PCI-X HBA for IBM System x	42D0405	N/A	1697	3
	Emulex 4GB FC Dual-Port PCI-E HBA for IBM System x	42C2069	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	39R6525	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39M5894	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	11
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	16

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



⁴ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

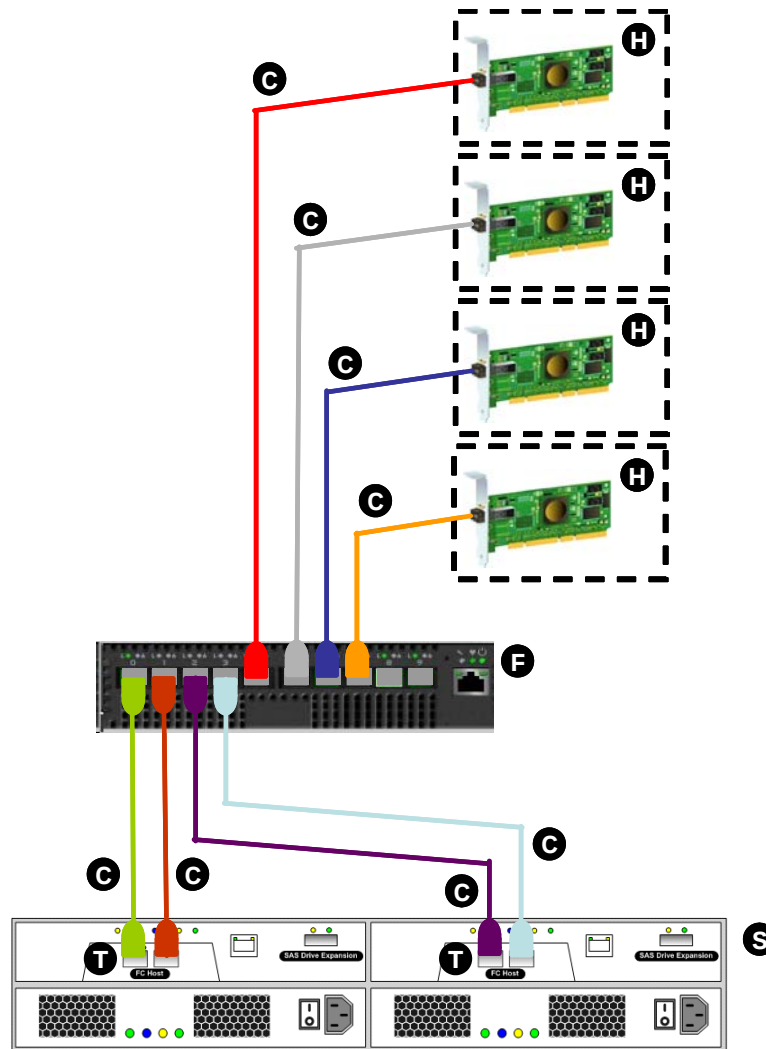
DS3400 FC Dual Controller: Four Servers, SAN Switch

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ⁵	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	4
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	8
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	12

Note:

Pick only one row from H.

Pick only one row from C.



⁵ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Four Servers, Dual Path, SAN Switch with Redundant HBAs

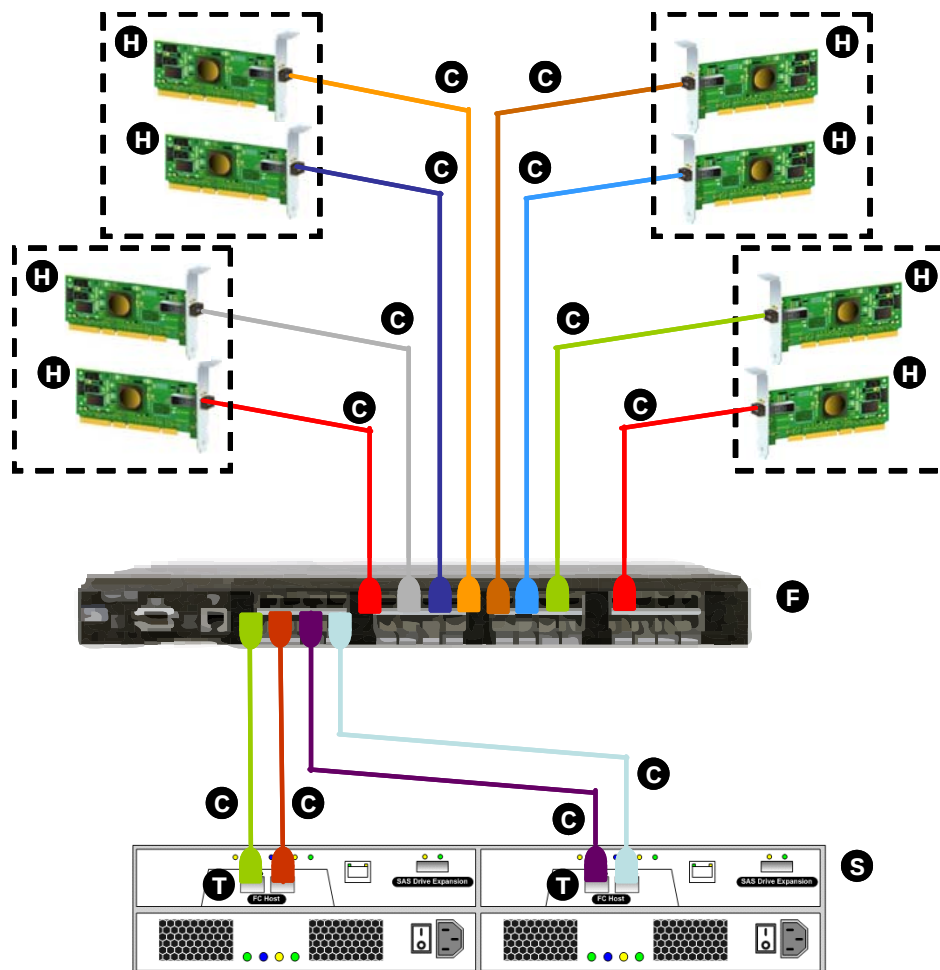
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ⁶	IBM System Storage SAN16B-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16M-2	2005-B16	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	2026-16E	N/A	1696	8
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42D0405	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	42C2069	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39R6525	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5894	N/A	3703	12
	5M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39M5698	1726-HC4	4804	16

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



⁶ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Four Servers, Dual Path, SAN Switch with Dual Port HBAs

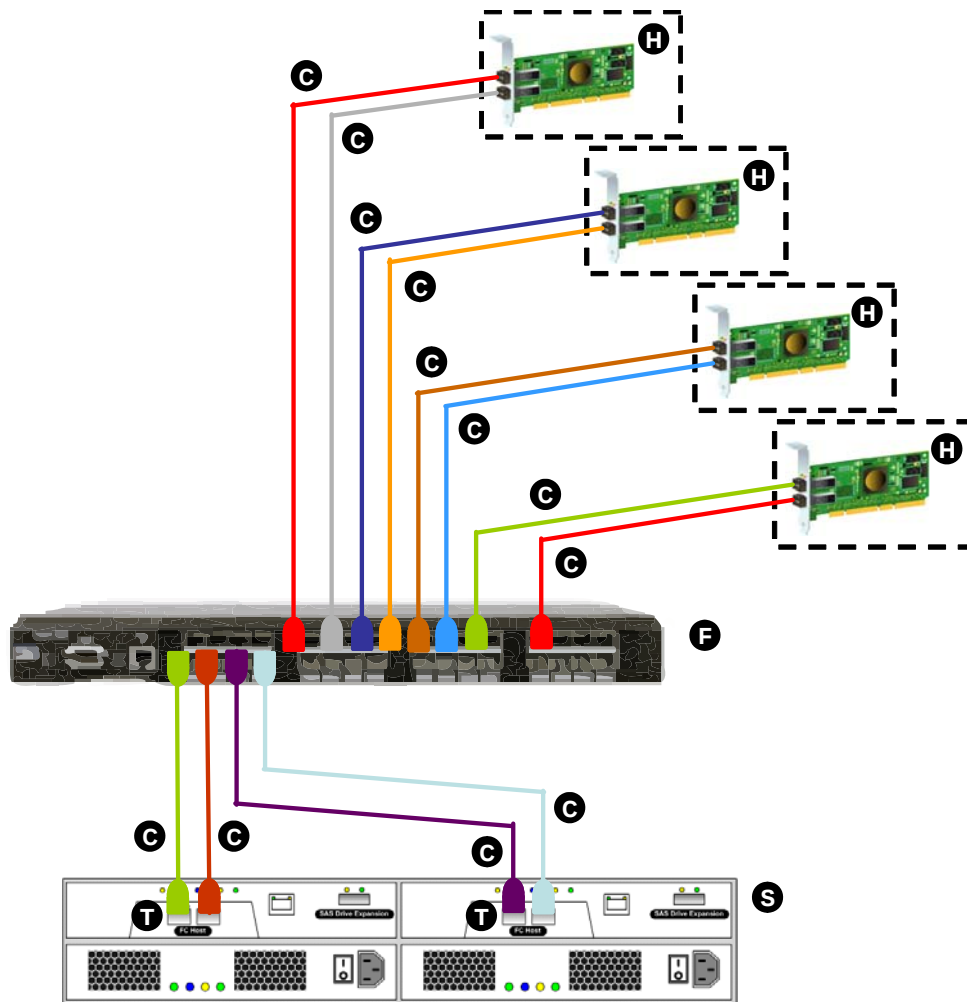
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
F ⁷	IBM System Storage SAN16B-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16M-2	2005-B16	N/A	N/A	1
H	Emulex 4Gb FC Dual-Port PCI-X HBA for IBM System x	2026-16E	N/A	1697	4
	Emulex 4Gb FC Dual-Port PCI-E HBA for IBM System x	42D0405	N/A	1699	
	QLogic 4Gb FC Dual-Port PCIe HBA for IBM System x	42C2069	N/A	3568	
	DS4000 FC 4Gbps - PCI-X Dual Port HBA	39R6525	N/A	3551	
C	1M LC-LC Fibre Channel Cable	39M5894	N/A	3703	12
	5M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39M5698	1726-HC4	4804	16

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



⁷ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Five Servers, Single Path, SAN Switch

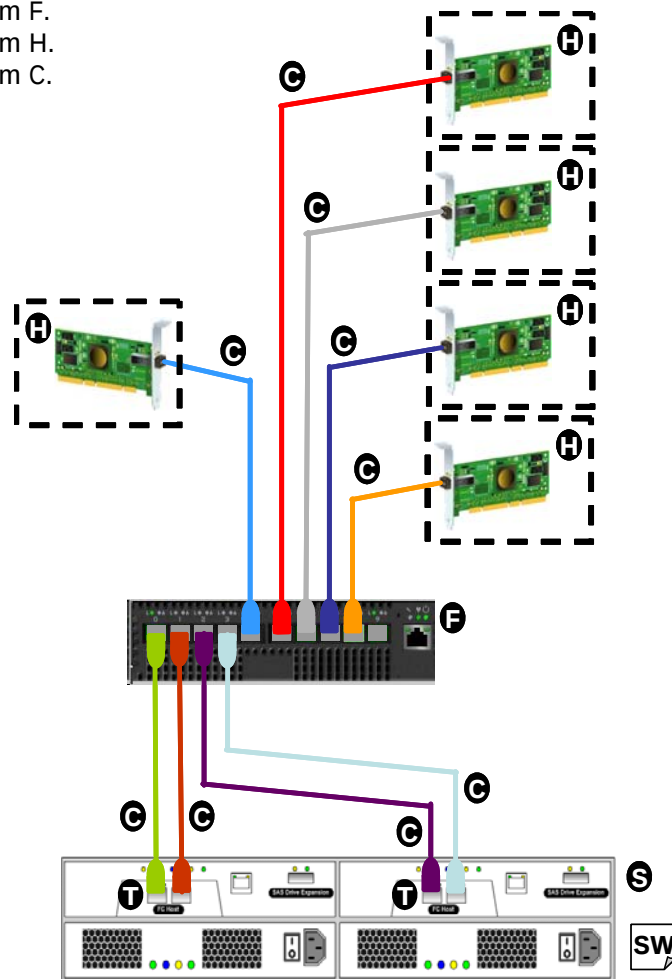
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
SW	DS3000 Partition Expansion License ⁸	39R6536	1726-HC4	4841	1
F ⁹	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	5
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	9
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	13

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



⁸ DS3000 Partition Expansion License is required when DS3400 attached to more than four individual servers or server groups

⁹ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Six Servers, Single Path, SAN Switch

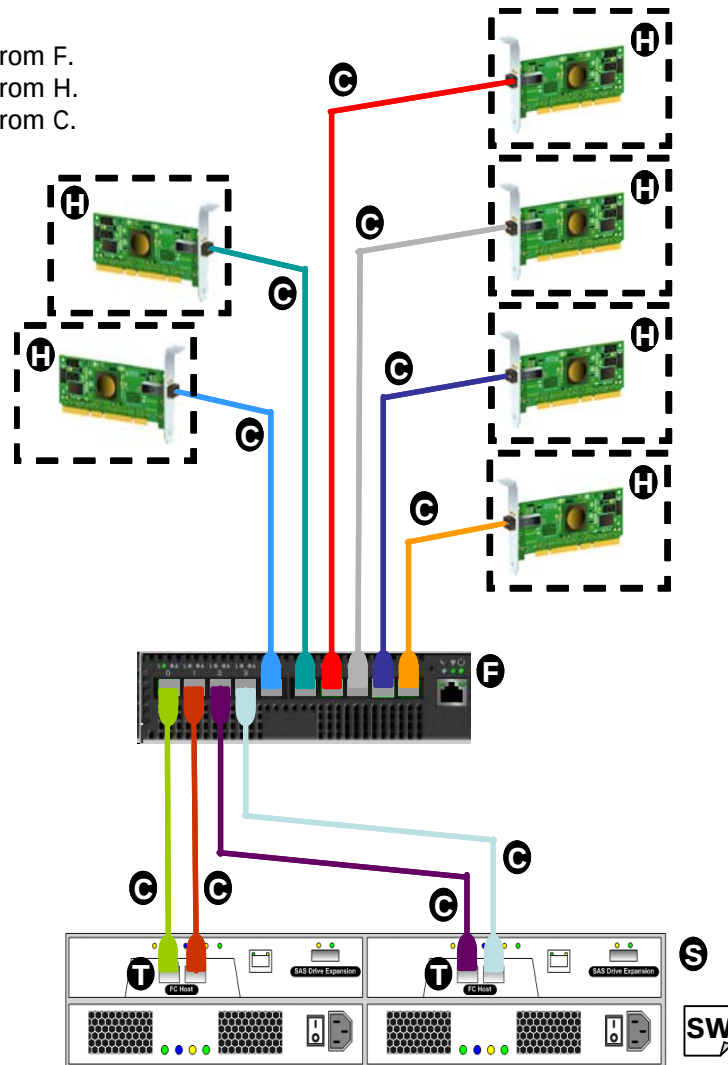
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
SW	DS3000 Partition Expansion License ¹⁰	39R6536	1726-HC4	4841	1
F ¹¹	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	6
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	10
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	14

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.



¹⁰ DS3000 Partition Expansion License is required when DS3400 attached to more than four individual servers or server groups

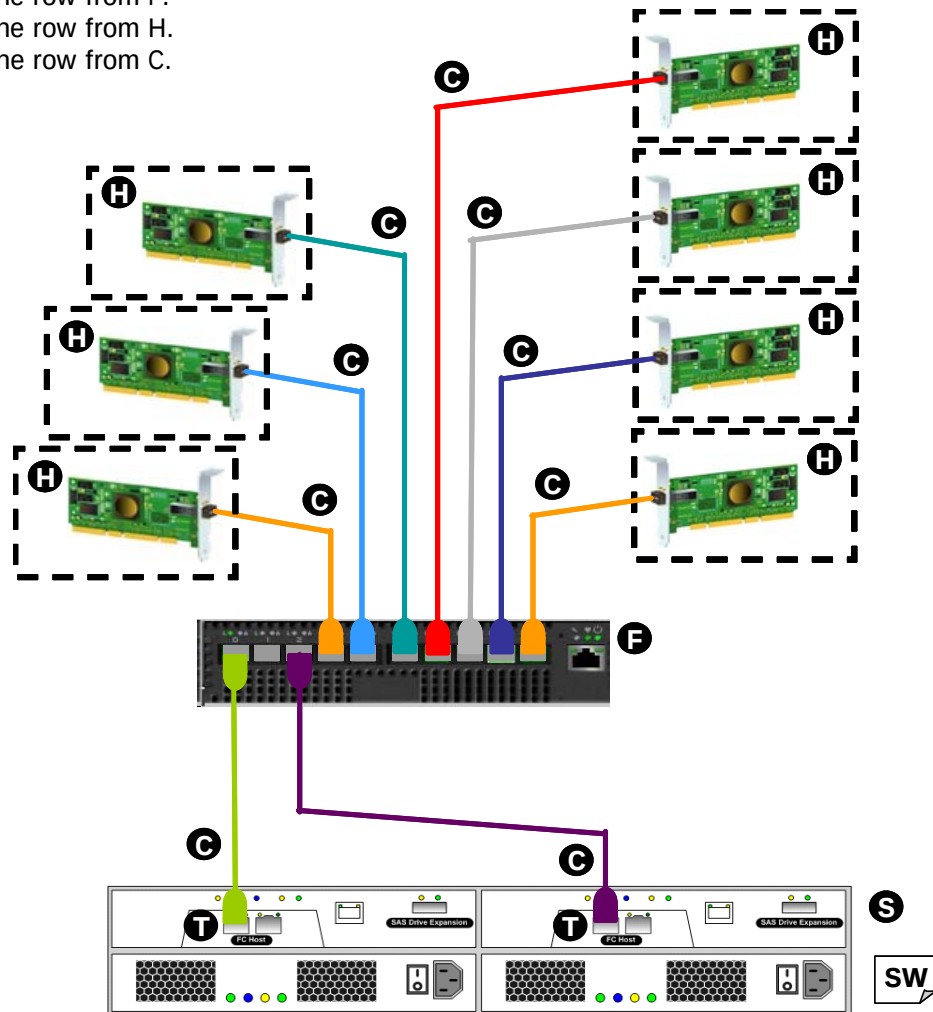
¹¹ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Seven Servers, Single Path, SAN Switch

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
SW	DS3000 Partition Expansion License ¹²	39R6536	1726-HC4	4841	1
F ¹³	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	7
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	11
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	15

Note:

Pick only one row from F.
Pick only one row from H.
Pick only one row from C.



¹² DS3000 Partition Expansion License is required when DS3400 attached to more than four individual servers or server groups

¹³ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

DS3400 FC Dual Controller: Eight Servers, Single Path, SAN Switch

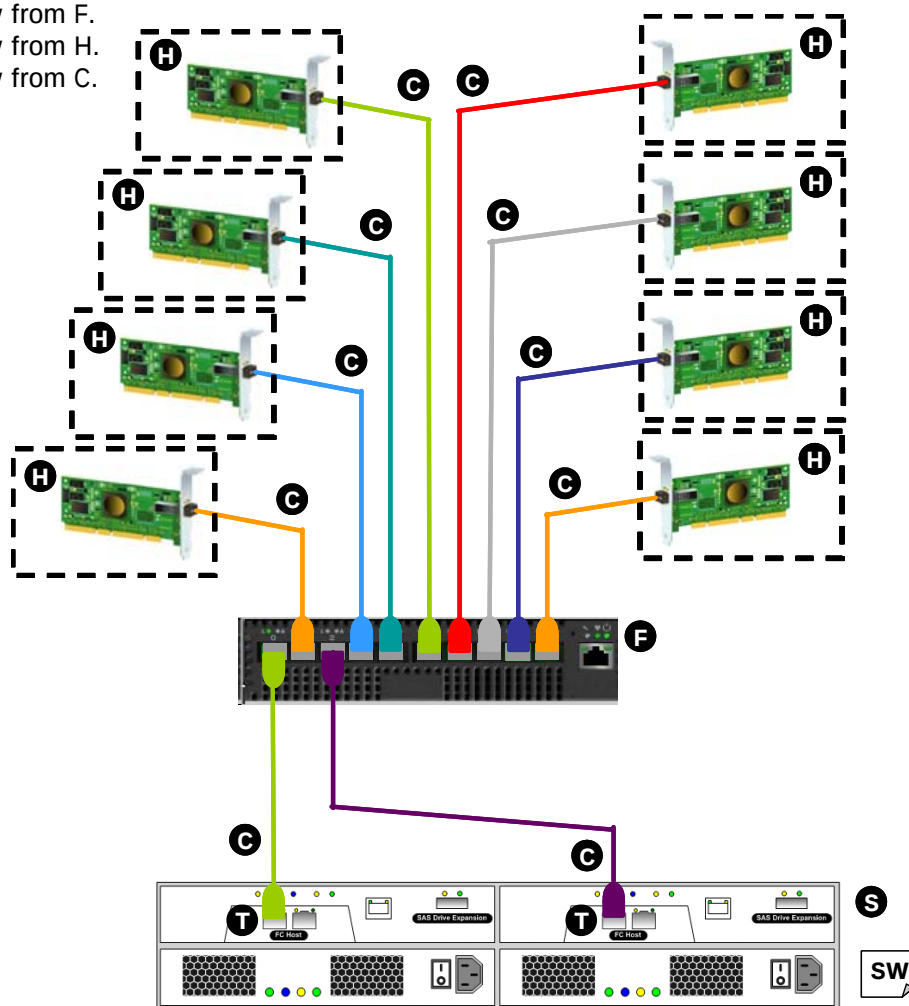
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	1
SW	DS3000 Partition Expansion License ¹⁴	39R6536	1726-HC4	4841	1
F ¹⁵	IBM System Storage SAN10Q-2	6918-10X	N/A	N/A	1
	IBM System Storage SAN16B-2	2005-B16	N/A	N/A	
	IBM System Storage SAN16M-2	2026-16E	N/A	N/A	
H	Emulex 4Gb FC Single-Port PCI-X HBA for IBM System x	42D0405	N/A	1696	8
	Emulex 4Gb FC Single-Port PCI-E HBA for IBM System x	42C2069	N/A	1698	
	QLogic 4Gb FC Single-Port PCIe HBA for IBM System x	39R6525	N/A	3567	
	DS4000 FC 4Gbps - PCI-X Single Port HBA	39M5894	N/A	3550	
C	1M LC-LC Fibre Channel Cable	39M5696	1726-HC4	3703	12
	5M LC-LC Fibre Channel Cable	39M5697	1726-HC4	3704	
	25M LC-LC Fibre Channel Cable	39M5698	1726-HC4	3705	
T	4-Gbps SW SFP Transceiver	39R6475	1726-HC4	4804	16

Note:

Pick only one row from F.

Pick only one row from H.

Pick only one row from C.

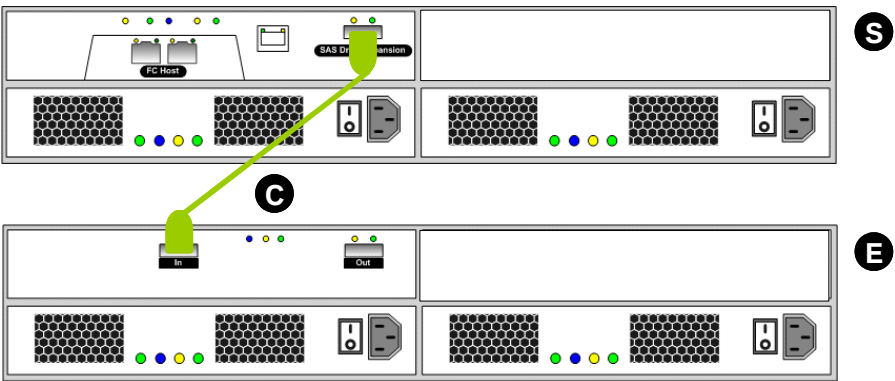


¹⁴ DS3000 Partition Expansion License is required when DS3400 attached to more than four individual servers or server groups

¹⁵ Additional Licenses may be required on the fabric switch. Consult the switch Interoperability Matrix

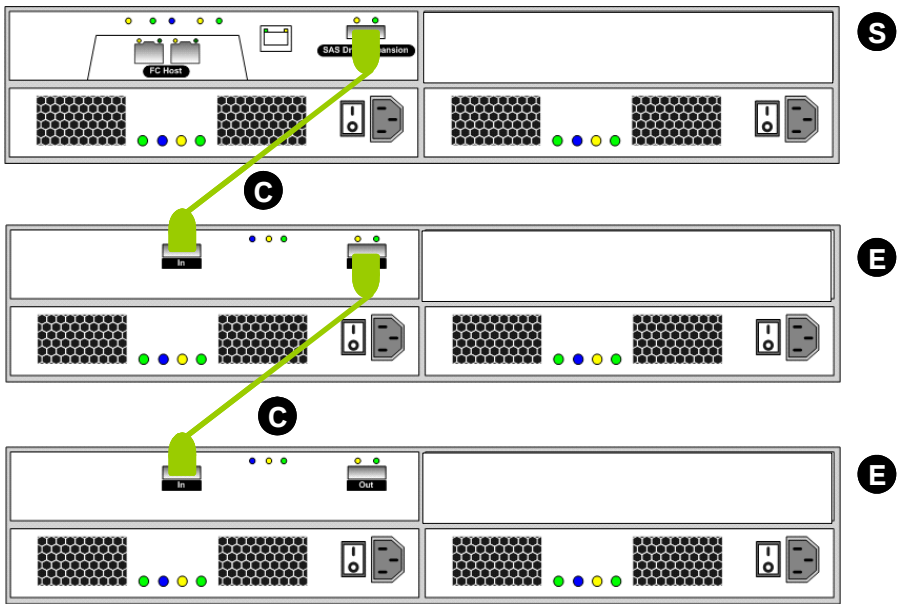
EXP3000 for DS3000 Single Controller Expansion with up to 24 Disks
(includes DS3000 disks)

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
	IBM System Storage DS3300 iSCSI Single Controller	1726-31X	1726-HC3	2618	
	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	1
C	IBM 1m SAS Cable	39R6529		3708	1
	IBM 3m SAS Cable	39R6531		3707	



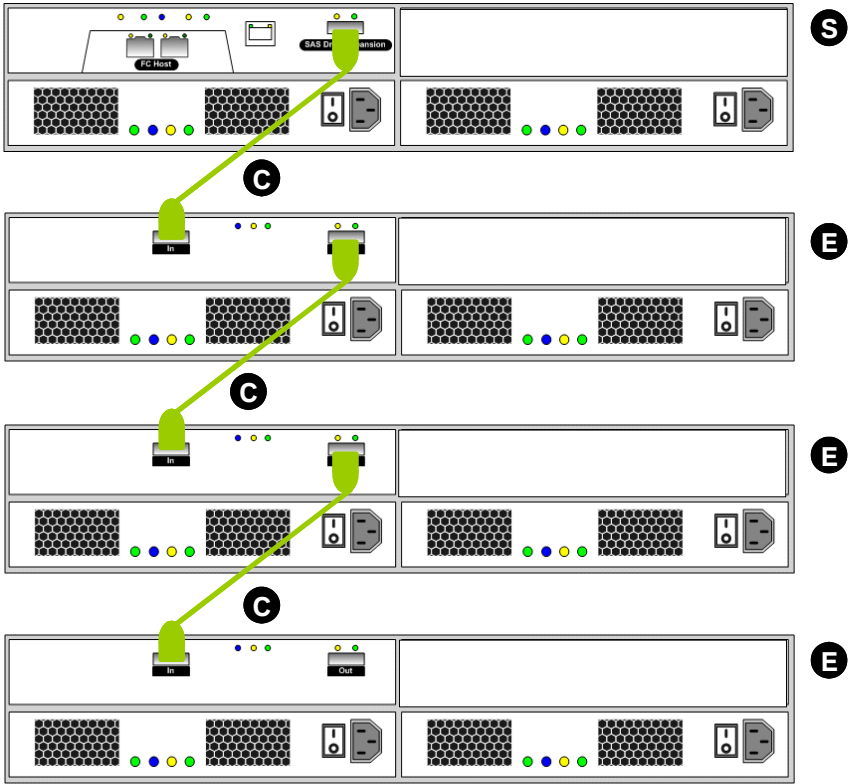
EXP3000 for DS3000 Single Controller Expansion with up to 36 Disks
(includes DS3000 Disks)

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
	IBM System Storage DS3300 iSCSI Single Controller	1726-31X	1726-HC3	2618	
	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	2
C	IBM 1m SAS Cable	39R6529		3708	2
	IBM 3m SAS Cable	39R6531		3707	



EXP3000 for DS3000 Single Controller Expansion with up to 48 Disks
(includes DS3000 Disks)

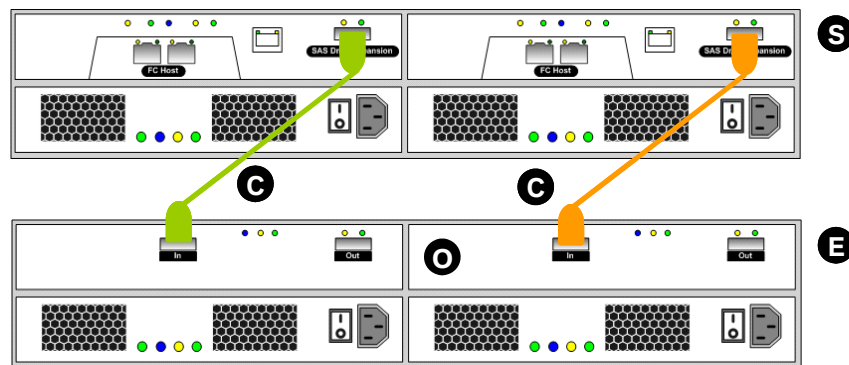
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Single Controller	1726-21X	1726-HC2	2603	1
	IBM System Storage DS3300 iSCSI Single Controller	1726-31X	1726-HC3	2618	
	IBM System Storage DS3400 FC Single Controller	1726-41X	1726-HC4	2605	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	3
C	IBM 1m SAS Cable	39R6529		3708	3
	IBM 3m SAS Cable	39R6531		3707	



EXP3000 for DS3000 Dual Controller Expansion with up to 24 Disks

(includes DS3000 disks)

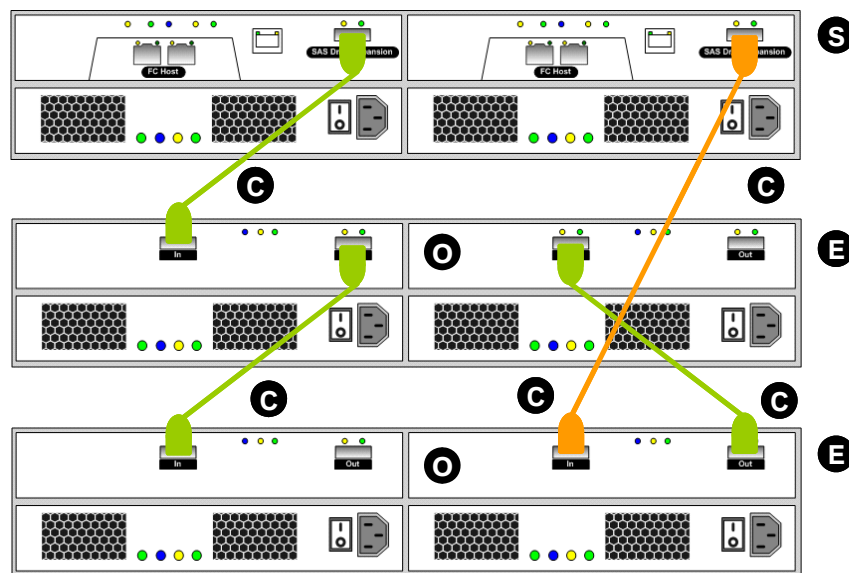
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
	IBM System Storage DS3300 iSCSI Dual Controller	1726-32X	1726-HC3	2619	
	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	1
O	EXP3000 Environmental Services Module (ESM)	39R6515		4802	1
C	IBM 1m SAS Cable	39R6529		3708	2
	IBM 3m SAS Cable	39R6531		3707	



EXP3000 for DS3000 Dual Controller Expansion with up to 36 Disks

(includes DS3000 disks)

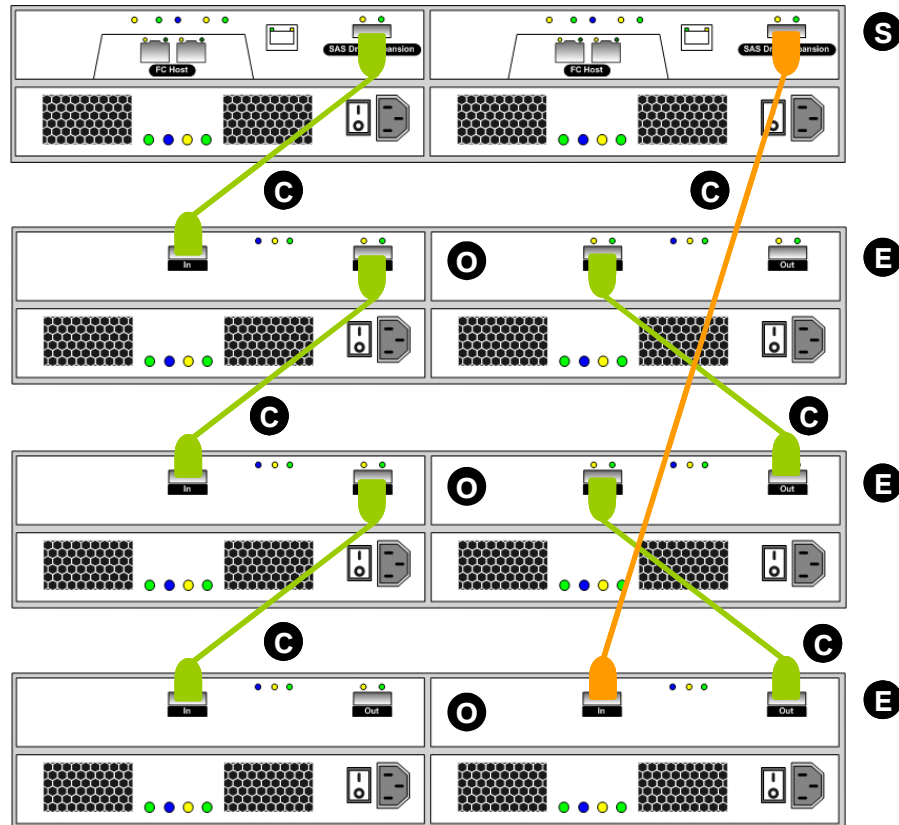
	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
	IBM System Storage DS3300 iSCSI Dual Controller	1726-32X	1726-HC3	2619	
	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	2
O	EXP3000 Environmental Services Module (ESM)	39R6515		4802	2
C	IBM 1m SAS Cable	39R6529		3708	4
	IBM 3m SAS Cable	39R6531		3707	



EXP3000 for DS3000 Dual Controller Expansion with up to 48 Disks

(includes DS3000 disks)

	Description	Part Number	MTM	FC	#
S	IBM System Storage DS3200 SAS Dual Controller	1726-22X	1726-HC2	2604	1
	IBM System Storage DS3300 iSCSI Dual Controller	1726-32X	1726-HC3	2619	
	IBM System Storage DS3400 FC Dual Controller	1726-42X	1726-HC4	2606	
E	IBM System Storage EXP3000	1727-01X	1727-HC1	2676	3
O	EXP3000 Environmental Services Module (ESM)	39R6515		4802	3
C	IBM 1m SAS Cable	39R6529		3708	6
	IBM 3m SAS Cable	39R6531		3707	



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