3. Product Demonstration

Product Demonstration

- 1Gb and 2Gb interoperability
    - Includes auto sensing
- ISL Trunking
- WEB TOOLS
- Advanced Zoning
    - WWN, soft and hard zoning
- Performance Monitoring
- Fabric Watch

Configuration

Compaq   Emulex
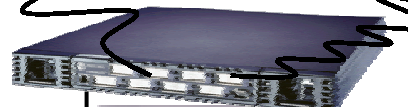ML370   LP9002L
Windows   2Gb HBA
 NT 4 SP5

Solaris 7
QIogic 2200F/33

1Gbps HBA
Or
Emulex LP2002L
2Gbps HBA

Ultra 10

SW3800_2

Trunking
LC to LC

SW3800_1

SW2800

Copper
MIA

JBOD 1Gbps

Copper
MIA

JBOD 1Gbps

Components

- Sun Server / NT Server
  - Solaris 7 / WIN NT 4.0 SP5
- Emulex LP9002L
- Eurologic, Nstor
- Silkworm 3800 running FOS 3.0.1
- Silkworm 2400 running FOS 2.4.1f

Demonstrate

- 2x00 and 3800 interoperability
- Auto sensing ability of 3800 and HBA
- Webtools
- ISL Trunking
- ISL Trunking Failover
- Advanced Performance Monitoring
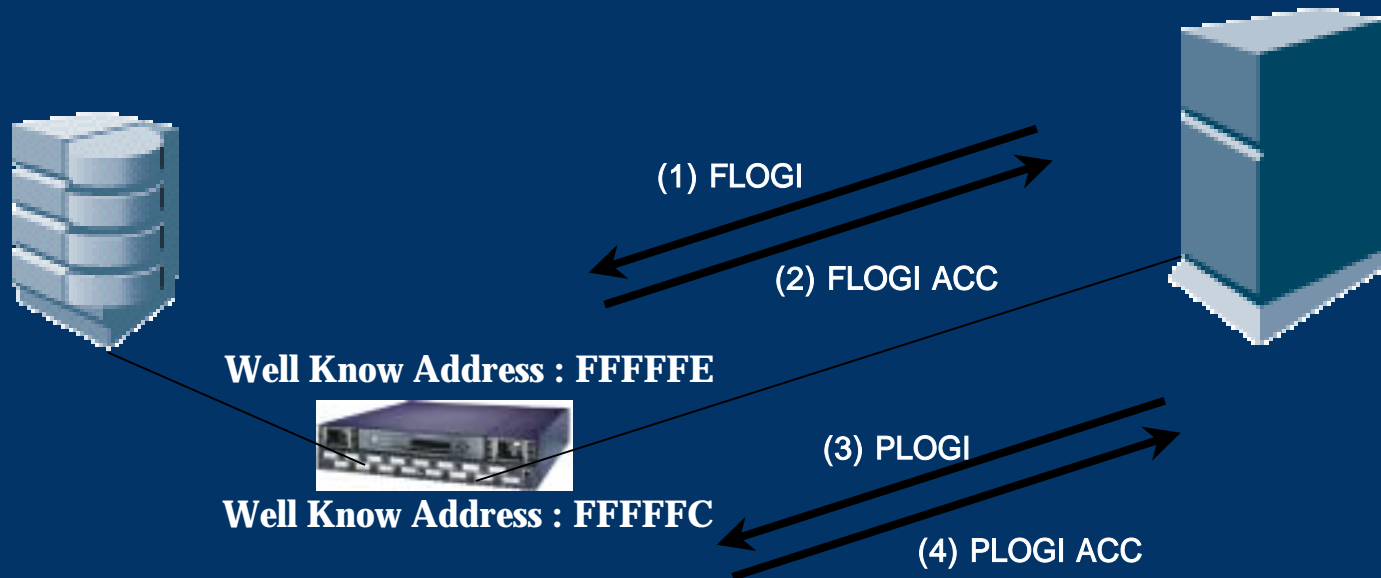- Fabric Watch

Fabric Login Process

BROCADE
The intelligent platform for networking storage
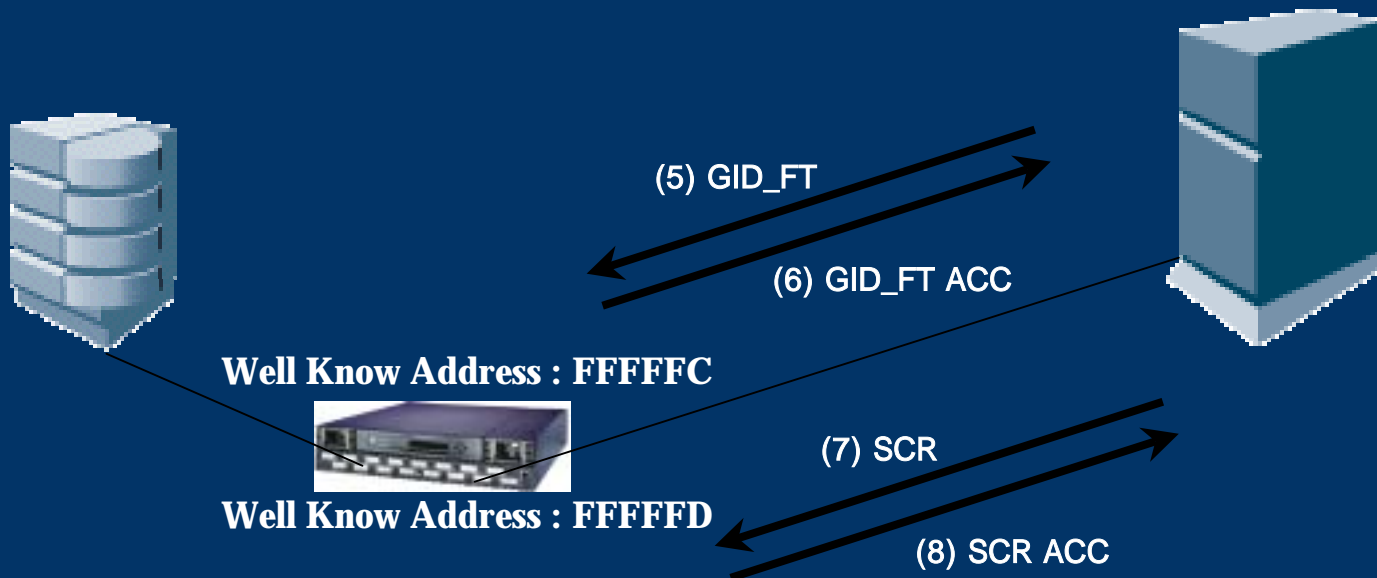
Host Logging into Fabric

Process

1. Host Sends a Fabric Login Frame (FLOGI)
2. Switch processes and if successful, replies with an Accept (ACC)
3. Hosts sends N_Port Login Frame (PLOGI) to the Name Server to register information.
4. Switch processes and accepts (ACC)

(1) FLOGI

(2) FLOGI ACC

Well Know Address : FFFFFE

Well Know Address : FFFFFC

(3) PLOGI

(4) PLOGI ACC

Host Logging into Fabric (conti)

Process

5. Host does a name server query to look for FCP type devices (GID_FT) or does some registration.
6. Switch responds with an Accept if there are FCP type devices in the fabric for the host to talk to, otherwise a reject is returned.
7. Host registers to receive State Changes (SCR: State Change Registration)
8. Switch accepts (ACC)

(5) GID_FT

(6) GID_FT ACC

Well Know Address : FFFFFC

Well Know Address : FFFFFD

(7) SCR

(8) SCR ACC

Host Logging into Fabric (conti)

Process

9. Host logs out of the Name Server (LOGO).
10. Switch accepts

(9) LOGO

(6) LOGO ACC

Well Know Address : FFFFFC