Table des matières

Lister les adapters FC

```
$ lsdev -Cc adapter |grep fcs
fcs0      Available 02-00 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs1      Available 02-01 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs2      Available 03-00 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs3      Available 03-01 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs4      Available 08-00 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs5      Available 08-01 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs6      Available 09-00 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
fcs7      Available 09-01 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)
```

Cartes dual-port car :

```
02-00
02-01
03-00
03-01
08-00
08-01
09-00
09-01
```

Stats

```
$ fcstat fcs0

FIBRE CHANNEL STATISTICS REPORT: fcs0

Device Type: 8Gb PCI Express Dual Port FC Adapter (df1000f114108a03) (adapter/pciex/df1000f114108a0)
Serial Number: 1A1210057D
Option ROM Version: 02781174
ZA: U2D1.11X4
World Wide Node Name: 0x20000000C9BA9F86
World Wide Port Name: 0x10000000C9BA9F86

FC-4 TYPES:
  Supported: 0x0000012000000000000000000000000000000000000000000000000000000000
  Active:    0x0000010000000000000000000000000000000000000000000000000000000000
Class of Service: 3
Port Speed (supported): 8 GBIT
Port Speed (running):   8 GBIT
Port FC ID: 0x170300
Port Type: Fabric

Seconds Since Last Reset: 53363736

        Transmit Statistics     Receive Statistics
        -------------------     ------------------
Frames: 3285094446              3233867724
Words:  569980564480            416773123584

LIP Count: 0
NOS Count: 0
Error Frames:  0
Dumped Frames: 0
Link Failure Count: 0
Loss of Sync Count: 1
Loss of Signal: 0
Primitive Seq Protocol Error Count: 0
Invalid Tx Word Count: 8
Invalid CRC Count: 0

IP over FC Adapter Driver Information
  No DMA Resource Count: 0
  No Adapter Elements Count: 102067

FC SCSI Adapter Driver Information
  No DMA Resource Count: 0
  No Adapter Elements Count: 102067
  No Command Resource Count: 0

IP over FC Traffic Statistics
```

```
  Input Requests:   0
  Output Requests:  0
  Control Requests: 0
  Input Bytes:  0
  Output Bytes: 0

FC SCSI Traffic Statistics
  Input Requests:   48612116160
  Output Requests:  14318912538
  Control Requests: 56528587
  Input Bytes:  2428127949054854
  Output Bytes: 411711370449528
```

WWNs et infos sur l'adapter

⇒ Network Address

```
$ lscfg -vl fcs0
  fcs0             U78C0.001.DBJ7973-P2-C5-T1  8Gb PCI Express Dual Port FC Adapter (df1000f114108a03)

        Part Number.................10N9824
        Serial Number...............1A1210057D
        Manufacturer................001A
        EC Level....................D77040
        Customer Card ID Number.....577D
        FRU Number..................10N9824
        Device Specific.(ZM)........3
        Network Address.............10000000C9BA9F86
        ROS Level and ID............02781174
        Device Specific.(Z0)........31004549
        Device Specific.(Z1)........00000000
        Device Specific.(Z2)........00000000
        Device Specific.(Z3)........09030909
        Device Specific.(Z4)........FF781116
        Device Specific.(Z5)........02781174
        Device Specific.(Z6)........07731174
        Device Specific.(Z7)........0B7C1174
        Device Specific.(Z8)........20000000C9BA9F86
        Device Specific.(Z9)........US1.11X4
        Device Specific.(ZA)........U2D1.11X4
        Device Specific.(ZB)........U3K1.11X4
        Device Specific.(ZC)........00000000
        Hardware Location Code......U78C0.001.DBJ7973-P2-C5-T1
```

Propriétés de l'adapter

```
$ lsattr -El fcs0
DIF_enabled   no         DIF (T10 protection) enabled                      True
bus_intr_lvl             Bus interrupt level                               False
bus_io_addr   0xff800    Bus I/O address                                   False
bus_mem_addr  0xffe76000 Bus memory address                                False
bus_mem_addr2 0xffe78000 Bus memory address                                False
init_link     auto       INIT Link flags                                   False
intr_msi_1    147989     Bus interrupt level                               False
intr_priority 3          Interrupt priority                                False
lg_term_dma   0x800000   Long term DMA                                      True
max_xfer_size 0x200000   Maximum Transfer Size                             True
num_cmd_elems 1024       Maximum number of COMMANDS to queue to the adapter True
pref_alpa     0x1        Preferred AL_PA                                   True
sw_fc_class   2          FC Class for Fabric                               True
tme           no         Target Mode Enabled                               True
```

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Last update: **2015/11/23 08:53**