

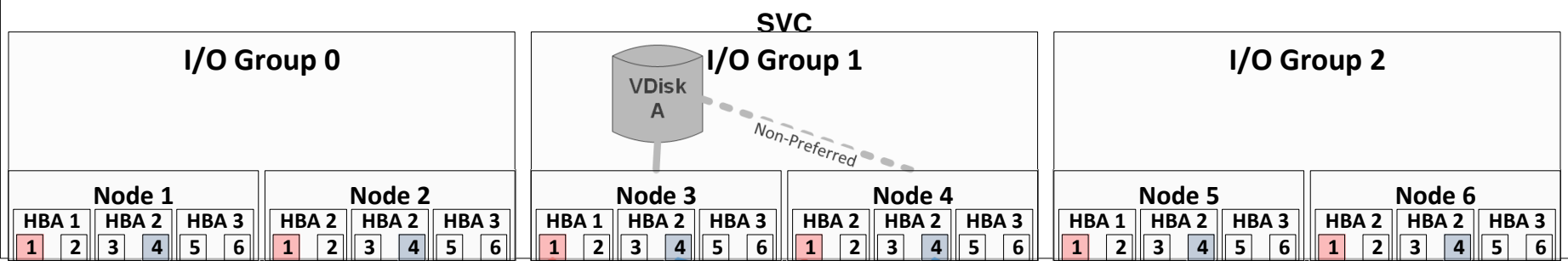


SVC to PowerVM NPIV SAN Zoning Best Practices

2/19/2015

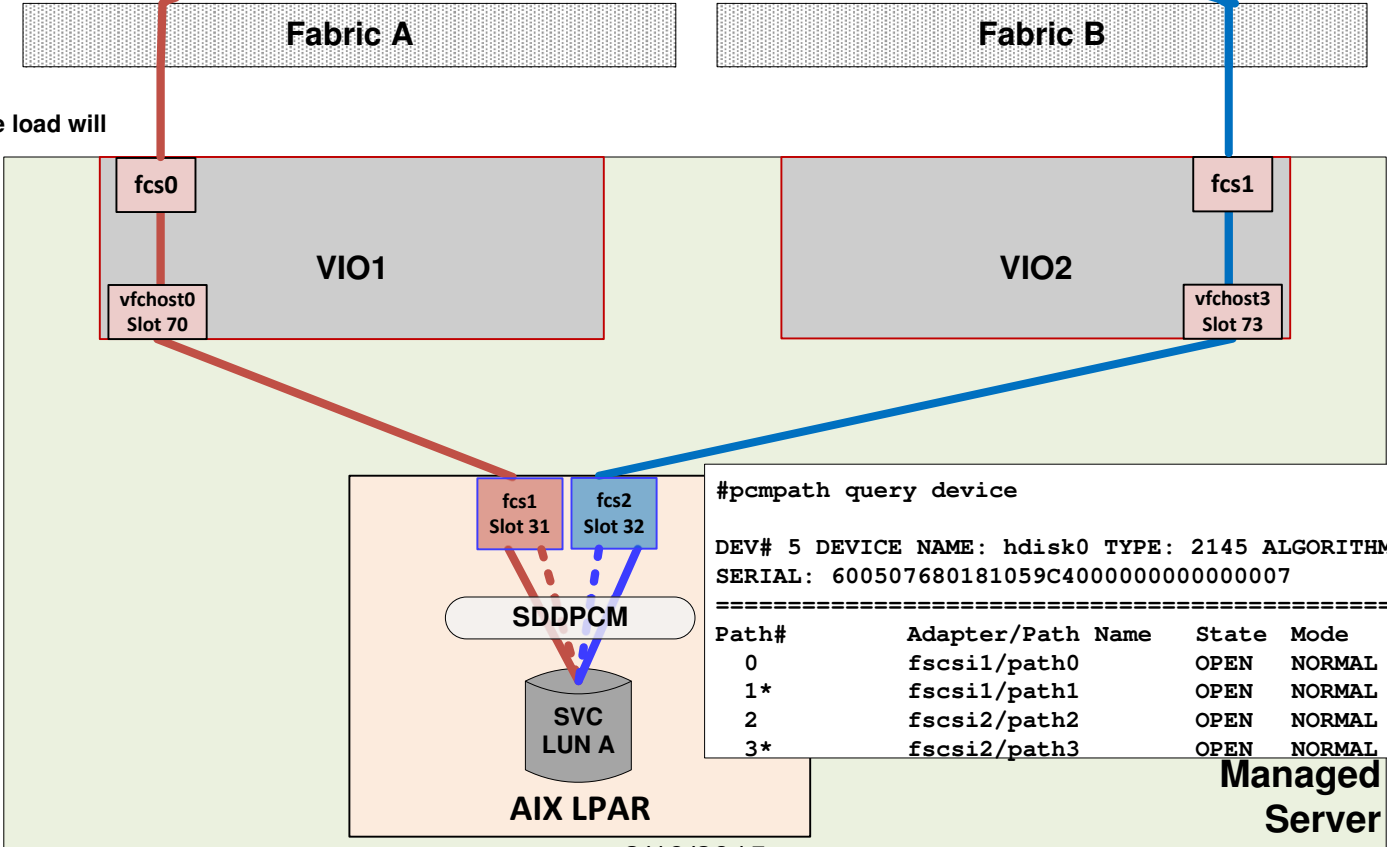
SVC to PowerVM NPIV SAN Zoning

2 Virtual HBA's



Combine the preferred and non-preferred nodes, alternating them across both SAN Fabrics, to achieve the optimum number of 4 paths at the host using 2 HBA's.

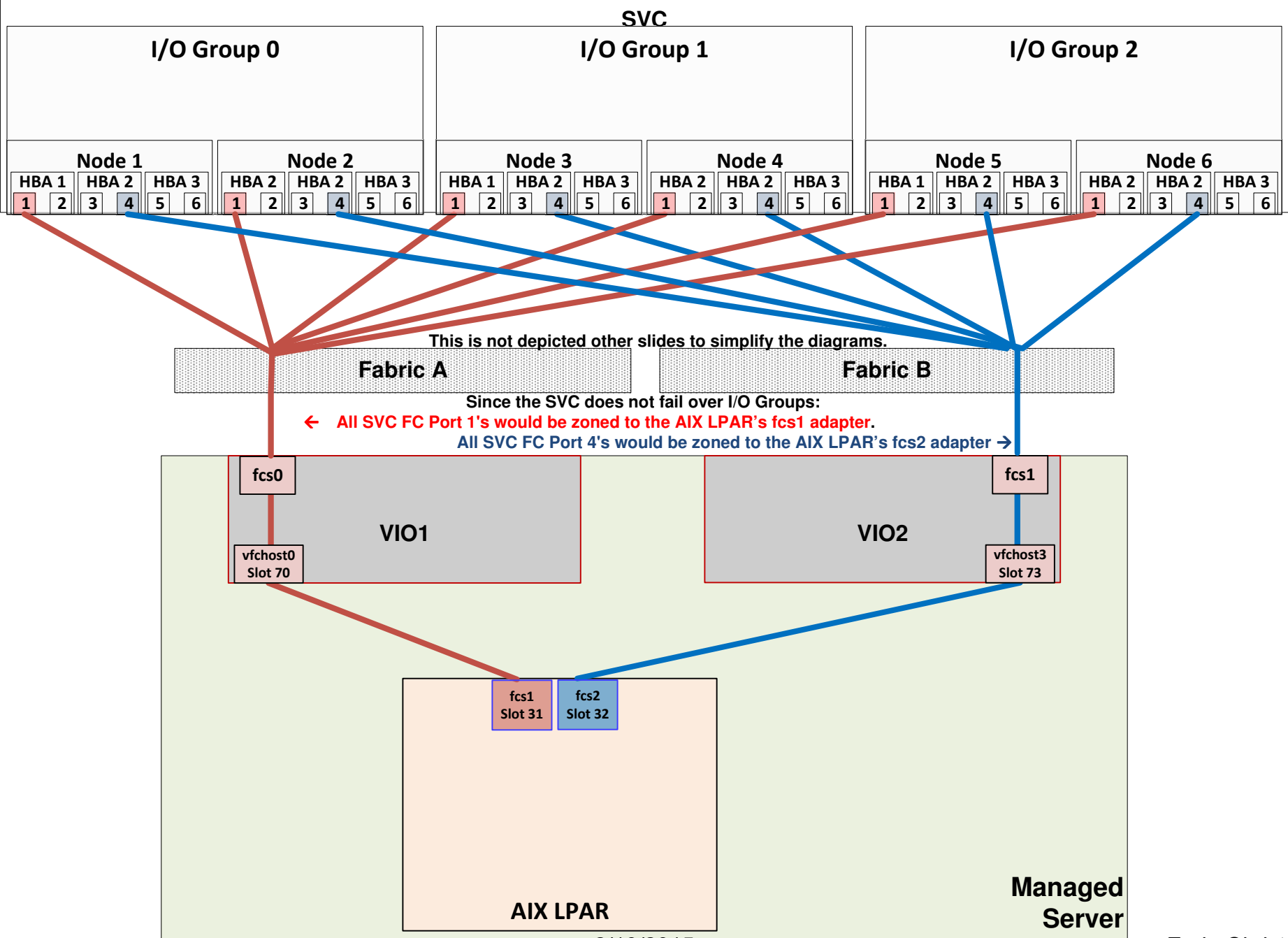
Do not assign one HBA to each path because, for any given VDisk one node solely serves as backup, (non-Preferred) so the load will never get balanced for that VDisk.



```
#pcmpath query device
DEV# 5 DEVICE NAME: hdisk0 TYPE: 2145 ALGORITHM: Load Balance
SERIAL: 600507680181059C40000000000000007
=====
Path#      Adapter/Path Name   State Mode   Select Errors
0          fcs01/path0        OPEN  NORMAL  1996022    0
1*         fcs01/path1        OPEN  NORMAL    29        0
2          fcs02/path2        OPEN  NORMAL  1902495    0
3*         fcs02/path3        OPEN  NORMAL    29        0
```

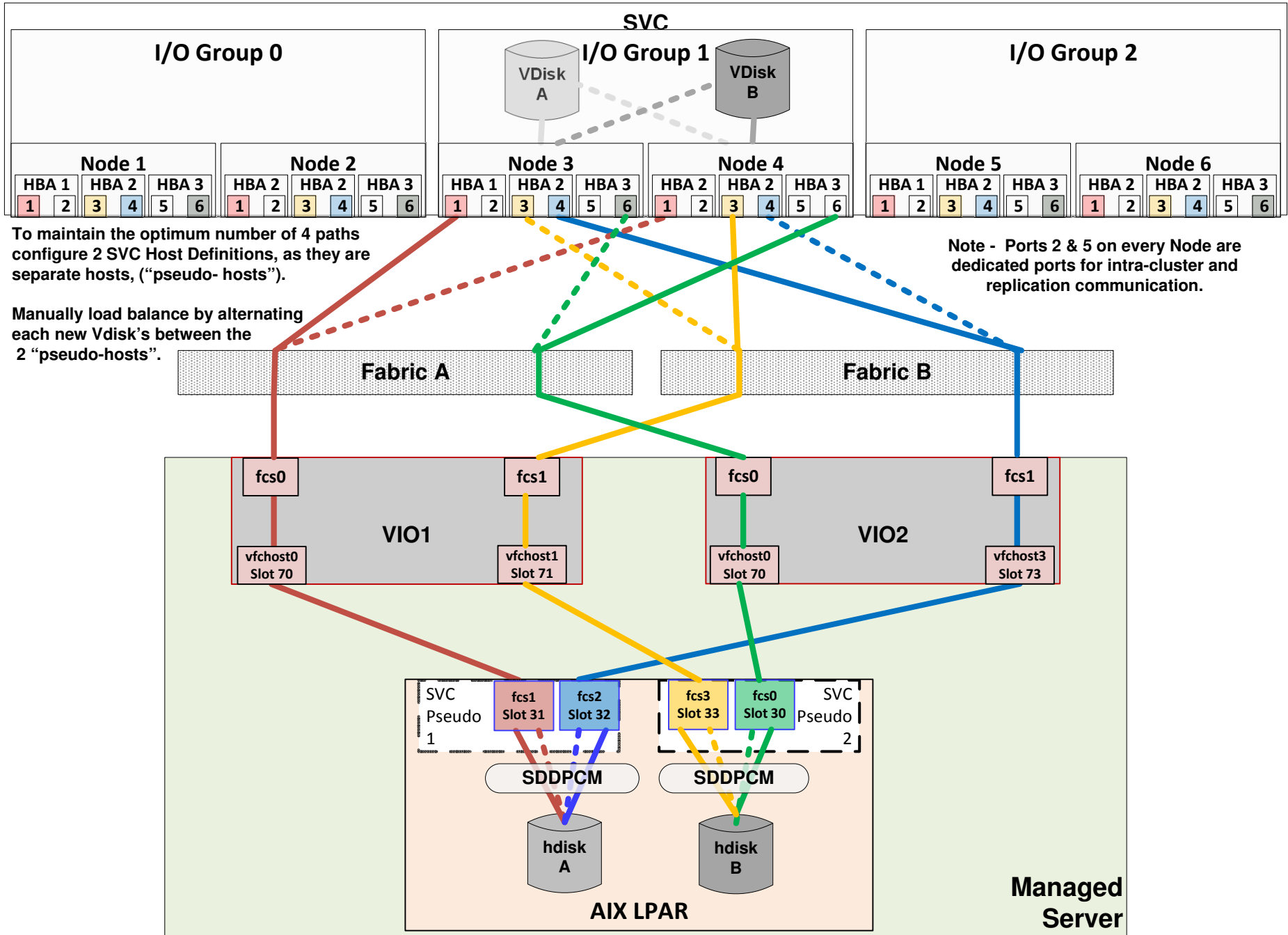
SVC to PowerVM NPIV SAN Zoning

2 Virtual HBA's



SVC to PowerVM NPIV SAN Zoning

4 Virtual HBA's – Using 2 SVC Host Definitions



SVC to PowerVM NPIV SAN Zoning

4 Virtual HBA's – Using 1 SVC Host Definition *NOT LPM-capable!!!*

