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## PROFESSIONAL SERVICES TECH NOTE #020

### Identify Component Part Numbers

#### The Concept

All components in a NetApp storage controller have a unique part number. The part numbers can be found on the boxes and bags that hold new parts. These part numbers can also be found using Parts Finder on the NOW website. However, the part number is frequently not on the part or cannot be seen without taking the storage controller apart. The sysconfig command has flags which will output some of these part numbers.

#### Examples

```
fas1> sysconfig -a - the standard "show me everything" report, but no part numbers
```

```
fas1> sysconfig -ca - list the part numbers of all expansion cards and any hardware configuration errors:  
sysconfig: slot 5 OK: X1128A: QLogic ISP 2432; Dual Ported 2462 FCP Adapter (PCIe)  
sysconfig: slot 6 OK: X1128A: QLogic ISP 2432; Dual Ported 2462 FCP Adapter (PCIe)  
sysconfig: slot 1 OK: X3148: NetApp NVRAM6 2GB  
sysconfig: slot 2 OK: X2054A: QLogic ISP 2432; PCI-E quad-port Fibre Channel  
(QLE2464)
```

#### What It Means To You

When you order another expansion card or need to process a RMA for a broken component, knowing the Part Number will speed up the process and ensure you receive the right component. For example, part X2054 is a quad-port HBA card which comes configured as either an initiator (X2054A) or target card (X2054B). There is no way to physically tell the difference (some cards are labeled 'target'). They are also manufactured by Qlogic and by LSI and look distinctly different. The `-ca` flags will indicate which version is in each expansion slot.

#### More Information

This is a currently an undocumented use of the sysconfig command. Refer to the Data ONTAP Manual Pages for the standard usage of sysconfig.

[http://now.netapp.com/NOW/knowledge/docs/ontap/rel727/html/ontap/cmdref/man1/na\\_sysconfig.1.htm](http://now.netapp.com/NOW/knowledge/docs/ontap/rel727/html/ontap/cmdref/man1/na_sysconfig.1.htm)

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