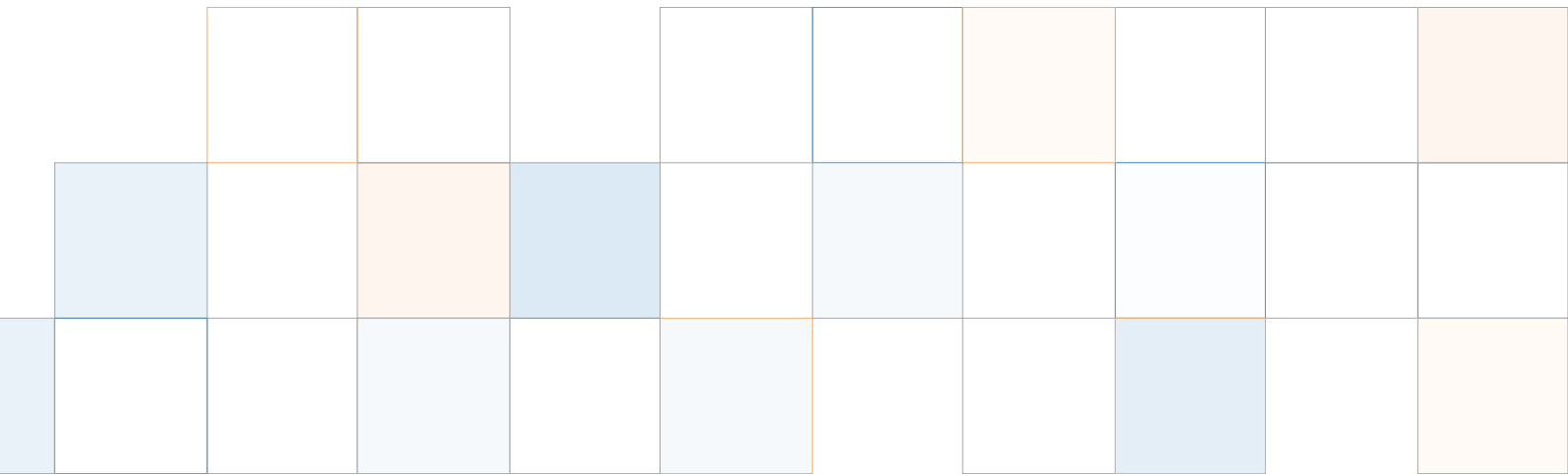




tech tips



Setting up Etherchannel (NIC teaming)

Firstly, all devices associated to the interfaces you want to use for etherchannel, must be in a defined state.

```
# lsdev -C |grep Eth
en0          Defined 10-80      Standard Ethernet Network Interface
en1          Defined 30-68      Standard Ethernet Network Interface
ent0         Available 10-80    IBM 10/100 Mbps Ethernet PCI Adapter
(23100020)
ent1         Available 30-68    IBM 10/100/1000 Base-T Ethernet PCI Adapter
(14100401)
et0          Defined 10-80      IEEE 802.3 Ethernet Network Interface
et1          Defined 30-68      IEEE 802.3 Ethernet Network Interface
# rmdev -l ent0
ent0 Defined
# rmdev -l ent1
ent1 Defined
# lsdev -C |grep Eth
en0          Defined 10-80      Standard Ethernet Network Interface
en1          Defined 30-68      Standard Ethernet Network Interface
ent0         Defined 10-80      IBM 10/100 Mbps Ethernet PCI Adapter
(23100020)
ent1         Defined 30-68      IBM 10/100/1000 Base-T Ethernet PCI Adapter
(14100401)
et0          Defined 10-80      IEEE 802.3 Ethernet Network Interface
et1          Defined 30-68      IEEE 802.3 Ethernet Network Interface
```

Then run **smitty etherchannel** > Add An EtherChannel / Link Aggregation Highlight en0 and press Esc+7, then highlight en1 and press Esc+7 again, then finally hit enter:

```
Available Network Interfaces

Move cursor to desired item and press Esc+7.
ONE OR MORE items can be selected.
Press Enter AFTER making all selections.

> ent0
> ent1

F1=Help          F2=Refresh      F3=Cancel
Esc+7=Select     Esc+8=Image     Esc+0=Exit
Enter=Do         /=Find          n=Find Next
```

Accept the standard settings by hitting enter again.

Add an EtherChannel / Link Aggregation
Type or select values in entry fields.
Press Enter AFTER making all desired changes.

[Entry Fields]

EtherChannel / Link Aggregation Adapters	ent0 ent1
Enable Alternate Address	no
Alternate Address	[]
Enable Gigabit Ethernet Jumbo Frames	no
Mode	standard
Backup Adapter	
Internet Address to Ping	[]
Number of Retries	[]
Retry Timeout (sec)	[]

Finally, assign an IP address to the newly created adapter en2 by running `smitty mktcpip`.