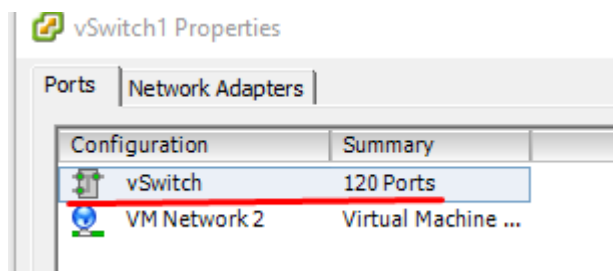
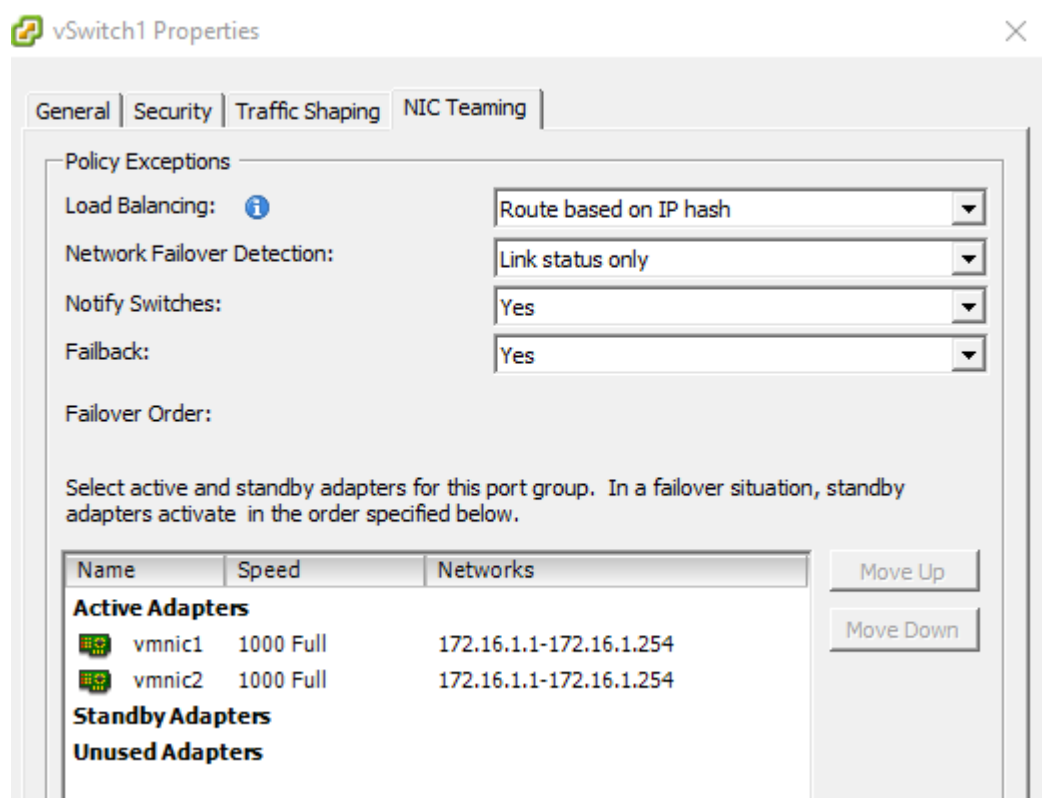


Настройка нескольких физических ethernet портов в один логический на примере VMware ESXi Client 6.0 и X460-48p (ExtremeXOS 15.4.1.3). Каждый физический ethernet порт (vmnic) в VMware ESXi должен быть подключен в X460-48p. Добавляем нужные порты в виртуальный свич (vSwitch)



Network Adapter	Speed	Observed IP ranges
vmnic1	1000 Full	172.16.1.128-172.16.1.254
vmnic2	1000 Full	172.16.1.128-172.16.1.254

Выставляем режим работы NIC Teaming в vSwitch



Выясняем на какие порты в X460 подключены vmnic. Подключаемся к X460 (ssh или cli).

Формируем канальную группу из портов подключенных в vSwitch.

enable sharing 34 grouping 34, 36 algorithm address-based custom lacp

31(VMWare_1.47_1)	Em---n---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	false	-
32(VMWare_1.47_2)	Em---n---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	true	-
33(VMWare_1.30_1)	Em---n---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	false	-
34(VMWare_1.30_vmnic2)	Em-lan---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	false	34
35(VMWare_1.30_vmnic0)	Em---n---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	false	-
36(VMWare_1.30_vmnic1)	Em-lan---e---fMB---x-	Enabled	Active	Auto(1000)	Auto(Full-Duplex)	On	true	34

выставляем поведение портов по умолчанию

configure sharing 34 lacp defaulted-state-action add

Проверяем:

sh lacp lag 34 detail

```
X460-48p.8 # sh lacp lag 34 detail
```

Lag	Actor Sys-Pri	Actor Key	Partner MAC	Partner Sys-Pri	Partner Key	Partner Agg Count	Actor MAC
34	0	0x040a	00:00:00:00:00:00	0	0x0000	2	00:04:96:52:cf:a7

```
Up : Yes
Enabled : Yes
Unack count : 0
Wait-for-count : 0
Current timeout : Long
Activity mode : Active
Defaulted Action : Add
Receive state : Enabled
Transmit state : Enabled
Selected count : 2
Standby count : 0
LAG Id flag : Yes
S.pri:0 , S.id:00:04:96:52:cf:a7, K:0x040a
T.pri:0 , T.id:00:00:00:00:00:00, L:0x0000
```

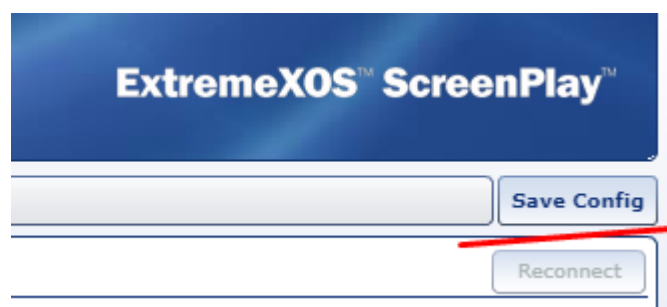
Port list:

Member Port	Port Priority	Rx State	Sel Logic	Mux State	Actor Flags	Partner Port
34	0	Defaulted	Selected	Collect-Dist	A-GSCDF-	1034
36	0	Defaulted	Selected	Collect-Dist	A-GSCDF-	1036

=====

Actor Flags: A-Activity, T-Timeout, G-Aggregation, S-Synchronization
C-Collecting, D-Distributing, F-Defaulted, E-Expired

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Last update: 2019/06/25 09:33

