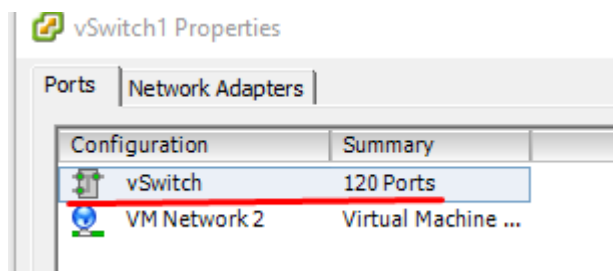
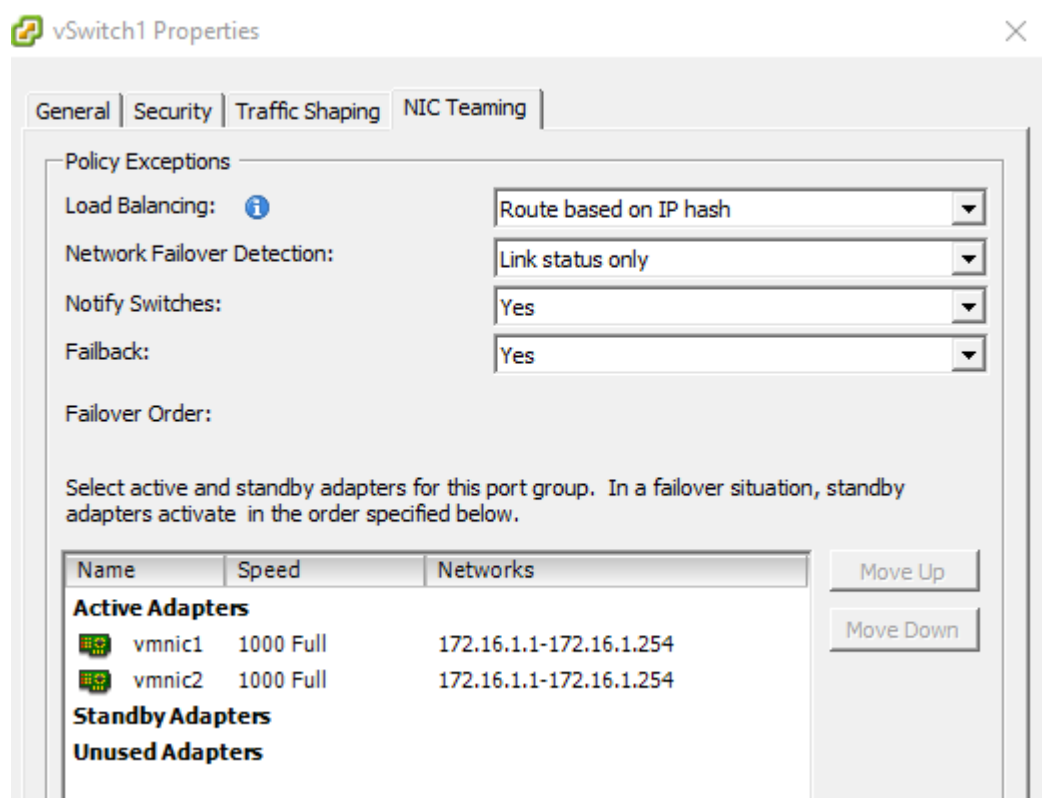


Настройка нескольких физических ethernet портов в один логический на примере VMware ESXi Client 6.0 и X460-48p (ExtremeXOS 15.4.1.3). Каждый физический ethernet порт (vmnic) в VMware ESXi должен быть подключен в X460-48p. Добавляем нужные порты в виртуальный свич (vSwitch)



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

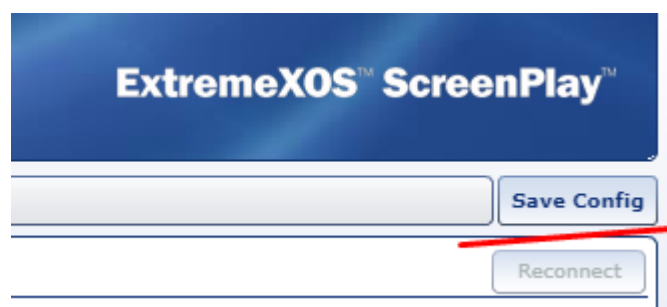
```
Up : Yes
Enabled : Yes
Unack count : 0
Wait-for-count : 0
Current timeout : Long
Activity mode : Active
Defaulted Action : Add
Receive state : Enabled
Transmit state : Enabled
Selected count : 2
Standby count : 0
LAG Id flag : Yes
S.pri:0 , S.id:00:04:96:52:cf:a7, K:0x040a
T.pri:0 , T.id:00:00:00:00:00:00,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

Port list:

| Member<br>Port | Port<br>Priority | Rx<br>State | Sel<br>Logic | Mux<br>State | Actor<br>Flags | Partner<br>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
```

Сохраняем:



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