

Synology Failed to establish IEEE 802.3ad connection Cisco

I am using Synology RS814+ and Cisco Catalyst 3750G. RS814+ has 4 gigabit ports. In my case I have only used first 2 ports to create aggregation link.

If you wish to create 2 and 2 links, then make sure to create ***interface Port-channel2*** for second link and use ***channel-group2 mode active*** on switch interfaces.

This configuration works 100%, please let me know if any problems.

```
interface Port-channel1
switchport
switchport access vlan 100
switchport mode access

interface GigabitEthernet1/0/1
description "Synology NIC1"
switchport access vlan 100
switchport mode access
channel-protocol lacp
channel-group 1 mode active
!
interface GigabitEthernet1/0/2
description "Synology NIC2"
switchport access vlan 100
switchport mode access
channel-protocol lacp
channel-group 1 mode active
```