

## Frequently Asked Questions

### Question

1 J 5 4 8 = 5 = 8 5 A 5 B 5 2 K E 8 = B 5 @ D 5 9 A > 2 = 0 Cisco (EtherChannel)

### Answer

1. 2 IOS' 5: 2 : > = D 8 3 C @ 0 F 8 8 8 = B 5 @ D 5 9 A 0 4 0 5 B A O : > < 0 = 4 > G : 0:

(config-if)# port group => < 5 @ [distribution source|destination]

3 4 5 => < 5 @ - M B > => < 5 @ 3 @ C ? ? K ? > @ B > 2 8 ; 8 => < 5 @ etherchnnel' 0, 0

7 = 0 G 5 = 8 5 4 8 A B @ 8 1 L N H = 0 - M B > < 5 B > 4

@ 0 A ? @ 5 4 5 ; 5 = 8 O B @ 0 D 8 : 0 ? > E 2 > A B 0 < - 7 = 0 G 5 = 8 5 XOR - D C = : F 8 8

> B MAC - 0 4 @ 5 A > 2 8 A B > G = 8 : 0 ; 8 1 > = 0 7 = 0 G 5 = 8 O;

2. 2 set-based A 2 8 G 0 E: A > 1 A B 2 5 ==>, etherchannel 2 : ; N G 0 5 B A O : > < 0 = 4 > 9

(enable) set port channel mod/ports mode {on|off|desirable|auto}

3 4 5 ? > @ B K 7 0 4 0 N B A O 2 2 8 4 5, = 0 ? @ 8 < 5 @, 3/1-4 ( B @ 5 B 8 9 < > 4 C ; L,

? > @ B K A ? 5 @ 2 > 3 > ? > G 5 B 2 5 @ B K 9),

0 < > 4 K - M B >, A > 1 A B 2 5 ==>, @ 5 6 8 < K ? > @ B > 2 4 ; O

@ 0 A ? > 7 = 0 2 0 = 8 O 8 E A ? 5 F 8 0 ; L = K < ? @ > B > : > ; > <

> 1 J 5 4 8 = 5 = 8 O ? > @ B > 2 ; 5 A ; 8 B K C 2 5 @ 5 =, G B > B 5 1 5 = C 6 5 =

etherchannel, 7 0 4 0 9 < > 4 on 8 = 5 7 0 < > @ 0 G 8 2 0 9 A O;

< 5 B > 4 @ 0 A ? @ 5 4 5 ; 5 = 8 O B @ 0 D 8 : 0 7 0 4 0 5 B A O : > < 0 = 4 > 9:

(enable) set port channel all distributoin {ip|mac} [source|destination|both]

all - 2 B > < A < K A ; 5, G B > 4 ; O 2 A 5 E etherchannel' > 2

both - 7 = 0 G 8 B, G B > XOR' 8 B L A O 1 C 4 C B 8 0 4 @ 5 A 0 8 A B > G = 8 : 0, 8

= 0 7 = 0 G 5 = 8 O,

ip|mac - 2 K 1 > @, ? > : 0 : 8 < 0 4 @ 5 A 0 < @ 0 A ? @ 5 4 5 ; O B L B @ 0 D 8 :.

@ 8 < 5 @ K EtherChannel A > 5 4 8 = 5 = 8 O 4 2 C E : > < < C B 0 B > @ > 2 Catalyst:

[www.cisco.com/warp/public/473/89.html](http://www.cisco.com/warp/public/473/89.html)

[www.ciscosystems.cd/warp/public/473/135.html](http://www.ciscosystems.cd/warp/public/473/135.html)

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### Details

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