

Breakout\Unity

3.5.0, 5200\ME5200S LC20\LC8XLGE Breakout () Unity () .

Break-Out

"hw-module interface [hu*/*/]/[fo*/*/] breakout" 40G/100G 10G\25G
Breakout breakout\100g<--->25Gx4 40G<--->10Gx4.

:
hw-module interface hundredgigabitethernet 0/0/2 breakout

:
hw-module interface hundredgigabitethernet 0/0/2-0/0/3 breakout

, - .

0/ME5200:R5# show interfaces description

Thu Mar 28 10:44:57 2024

Interface	Admin state	Oper state	Description
-----	-----	-----	-----
te0/0/1	up	down	
te0/0/2	up	down	
te0/0/3	up	up	
te0/0/4	up	up	
te0/0/5	up	down	
te0/0/6	up	down	
te0/0/7	up	down	
te0/0/8	up	down	
te0/0/9	up	down	
te0/0/10	up	up	
te0/0/11	up	down	
te0/0/12	up	down	
te0/0/13	up	down	
te0/0/14	up	down	
te0/0/15	up	down	
te0/0/16	up	down	
te0/0/17	up	down	
te0/0/18	up	down	
te0/0/19	up	down	
te0/0/20	up	down	
te0/0/21	up	down	
te0/0/22	up	down	
te0/0/23	up	down	
te0/0/24	up	down	
te0/0/25	up	down	
te0/0/26	up	down	
te0/0/27	up	down	
te0/0/28	up	down	
te0/0/29	up	down	
te0/0/30	up	down	
te0/0/31	up	down	
te0/0/32	up	up	
hu0/0/1	up	down	
hu0/0/2	up	down	
hu0/0/3	up	down	
hu0/0/4	up	down	
lo1	up	up	
mgmt0/fmc0/1	up	up	

```
0/ME5200:R5(config)# do show interfaces description
Thu Mar 28 12:14:18 2024
Interface                Admin state Oper state Description
-----
te0/0/1                  up          down
te0/0/2                  up          down
te0/0/3                  up          up
te0/0/4                  up          up
te0/0/5                  up          down
te0/0/6                  up          down
te0/0/7                  up          down
te0/0/8                  up          down
te0/0/9                  up          down
te0/0/10                 up          up
te0/0/11                 up          down
te0/0/12                 up          down
te0/0/13                 up          down
te0/0/14                 up          down
te0/0/15                 up          down
te0/0/16                 up          down
te0/0/17                 up          down
te0/0/18                 up          down
te0/0/19                 up          down
te0/0/20                 up          down
te0/0/21                 up          down
te0/0/22                 up          down
te0/0/23                 up          down
te0/0/24                 up          down
te0/0/25                 up          down
te0/0/26                 up          down
te0/0/27                 up          down
te0/0/28                 up          down
te0/0/29                 up          down
te0/0/30                 up          down
te0/0/31                 up          down
te0/0/32                 up          up
twe0/0/5 <- hu0/0/1      up          down
twe0/0/6 <- hu0/0/1      up          down
twe0/0/7 <- hu0/0/1      up          down
twe0/0/8 <- hu0/0/1      up          down
twe0/0/9 <- hu0/0/2      up          down
twe0/0/10 <- hu0/0/2     up          down
twe0/0/11 <- hu0/0/2     up          down
twe0/0/12 <- hu0/0/2     up          down
hu0/0/1                  up          down
hu0/0/4                  up          down
lo1                      up          up
mgmt0/fmc0/1            up          up
```

Break-Out 25G*10G\1G <--- 25G twe .

Unity

"hw-module interface tengigabitethernet */*/* unity" 10G 40G
 , ME5200/ME5200S , .

5200:

```
te0/0/1-2   te0/0/9-10 -> fo0/0/1
te0/0/3-4   te0/0/11-12 -> fo0/0/2
te0/0/5-6   te0/0/13-14 -> fo0/0/3
te0/0/7-8   te0/0/15-16 -> fo0/0/4
te0/0/17-18 te0/0/25-26 -> fo0/0/5
te0/0/19-20 te0/0/27-28 -> fo0/0/6
te0/0/21-22 te0/0/29-30 -> fo0/0/7
te0/0/23-24 te0/0/31-32 -> fo0/0/8
```

1	2	3	4	5	6	7	8				17	18	19	20	21	22	23	24
---	---	---	---	---	---	---	---		-----		-----		---	---	---	---	---	---
1	1	2	2	3	3	4	4		hu		hu		5	5	6	6	7	7
---	---	---	---	---	---	---	---		-----		-----		---	---	---	---	---	---
1	1	2	2	3	3	4	4		hu		hu		5	5	6	6	7	7
---	---	---	---	---	---	---	---		-----		-----		---	---	---	---	---	---
9	10	11	12	13	14	15	16				25	26	27	28	29	30	31	32

:

hw-module interface tengigabitethernet 0/0/1 unity <--- , - , .

, break-out :

:

hw-module interface tengigabitethernet 0/0/1-0/0/32 unity

show:

0/ME5200:R5# show interfaces description

Thu Mar 28 12:23:07 2024

Interface	Admin state	Oper state	Description
-----	-----	-----	-----
te0/0/1	up	down	
te0/0/2	up	down	
te0/0/3	up	up	
te0/0/4	up	up	
te0/0/5	up	down	
te0/0/6	up	down	
te0/0/7	up	down	
te0/0/8	up	down	
te0/0/9	up	down	
te0/0/10	up	up	
te0/0/11	up	down	
te0/0/12	up	down	
te0/0/13	up	down	
te0/0/14	up	down	
te0/0/15	up	down	
te0/0/16	up	down	
te0/0/17	up	down	
te0/0/18	up	down	
te0/0/19	up	down	
te0/0/20	up	down	
te0/0/21	up	down	
te0/0/22	up	down	
te0/0/23	up	down	
te0/0/24	up	down	
te0/0/25	up	down	
te0/0/26	up	down	
te0/0/27	up	down	
te0/0/28	up	down	
te0/0/29	up	down	
te0/0/30	up	down	
te0/0/31	up	down	
te0/0/32	up	up	
twe0/0/5	up	down	
twe0/0/6	up	down	
twe0/0/7	up	down	
twe0/0/8	up	down	
twe0/0/9	up	down	
twe0/0/10	up	down	
twe0/0/11	up	down	
twe0/0/12	up	down	
hu0/0/1	up	down	
hu0/0/4	up	down	
lo1	up	up	
mgmt0/fmc0/1	up	up	

0/ME5200:R5# show interfaces description

Thu Mar 28 12:30:12 2024

Interface	Admin state	Oper state	Description
twe0/0/5	up	down	
twe0/0/6	up	down	
twe0/0/7	up	down	
twe0/0/8	up	down	
twe0/0/9	up	down	
twe0/0/10	up	down	
twe0/0/11	up	down	
twe0/0/12	up	down	
fo0/0/1	up	down	<- te0/0/1-2+te0/0/9-10
fo0/0/2	up	down	<- te0/0/3-4+te0/0/11-12
fo0/0/3	up	down	<- te0/0/5-6+te0/0/13-14
fo0/0/4	up	down	<- te0/0/7-8+te0/0/15-16
fo0/0/5	up	down	<- te0/0/17-18+te0/0/25-26
fo0/0/6	up	down	<- te0/0/19-20+te0/0/27-28
fo0/0/7	up	down	<- te0/0/21-22+te0/0/29-30
fo0/0/8	up	down	<- te0/0/23-24+te0/0/31-32
hu0/0/1	up	down	
hu0/0/4	up	down	
lo1	up	up	
mgmt0/fmc0/1	up	up	

Breakout Unity , :

L2

```
interface fortygigabitethernet 0/0/1.100
 encapsulation outer-vid 100
 rewrite egress tag push outer-vid 100
 rewrite ingress tag pop one
exit
```

LACP

```
lACP
interface bundle-ether 1
exit
interface twentyfivegigabitethernet 0/0/5
 bundle id 1
 bundle mode active
exit
interface twentyfivegigabitethernet 0/0/6
 bundle id 1
 bundle mode active
exit
exit
```