

# [4000-] STP

## Dual Homing.

. port-channel 1 port-channel 2 10,20,30, . , , MAC- . MAC- . , , , 200 ( MAC-) 2 .

STP VLAN. :

```
MA4000# configure
MA4000(config)# interface port-channel 1
MA4000(express-config-port-channel-1)# no spanning-tree enable
MA4000(express-config-port-channel-1)# ingress-filtering
MA4000(express-config-port-channel-1)# exit
MA4000(config)# interface port-channel 2
MA4000(express-config-port-channel-2)# no spanning-tree enable
MA4000(express-config-port-channel-2)# ingress-filtering
MA4000(express-config-port-channel-2)# exit
MA4000(config)#
```

port-channel 1:

```
MA4000(config)# interface port-channel 1
MA4000(express-config-port-channel-1)# backup interface port-channel 2 vlan 10,20,30
MA4000(express-config-port-channel-1)# exit
MA4000(config)#
```

MAC- :

```
MA4000(pp4x-config)# backup-interface mac-per-second 200
MA4000(pp4x-config)# backup-interface mac-duplicate 2
```

:

```
MA4000(pp4x-config)# do commit
MA4000(pp4x-config)# do confirm
```