

```
interface Port-channel5
description Port-Channel to Switch 5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface Port-channel6
description Port-Channel to Switch 6
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface FastEthernet0
ip address 192.168.162.202 255.255.255.0
shutdown
!
interface GigabitEthernet1/0/1
description proxy1-esm1
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/2
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/3
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
```

```
!  
interface GigabitEthernet1/0/5  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/6  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/7  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/8  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/9  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/10  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet1/0/11  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast
```

```
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/12
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/13
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/14
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet1/0/15
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active
!
interface GigabitEthernet1/0/16
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active
!
interface GigabitEthernet1/0/17
description Trunk5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 6 mode active
!
interface GigabitEthernet1/0/18
description Trunk5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
```

switchport mode trunk
channel-group 6 mode active

!
interface GigabitEthernet2/0/1
description proxy1-esm2
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/2
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/3
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/5
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/6
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdudfilter enable

!
interface GigabitEthernet2/0/7
switchport access vlan 602

```
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/8
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/9
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/10
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/11
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/12
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/13
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet2/0/14
```

switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable

!

interface GigabitEthernet2/0/15
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active

!

interface GigabitEthernet2/0/16
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active

!

interface GigabitEthernet2/0/17
description Trunk5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 6 mode active

!

interface GigabitEthernet2/0/18
description Trunk5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 6 mode active

!

interface GigabitEthernet3/0/1
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable

!

interface GigabitEthernet3/0/2
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable

!

```
interface GigabitEthernet3/0/3
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/5
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/6
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/7
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/8
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
interface GigabitEthernet3/0/9
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
```

```
!  
interface GigabitEthernet3/0/10  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet3/0/11  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet3/0/12  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet3/0/13  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet3/0/14  
  switchport access vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode access  
  spanning-tree portfast  
  spanning-tree bpdufilter enable  
!  
interface GigabitEthernet3/0/15  
  description Trunk4  
  switchport trunk native vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode trunk  
  channel-group 5 mode active  
!  
interface GigabitEthernet3/0/16  
  description Trunk4  
  switchport trunk native vlan 602  
  switchport trunk allowed vlan 601-605  
  switchport mode trunk
```



```
channel-group 5 mode active
!  
interface GigabitEthernet3/0/17  
description Trunk5  
switchport trunk native vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode trunk  
channel-group 6 mode active  
!  
interface GigabitEthernet3/0/18  
description Trunk5  
switchport trunk native vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode trunk  
channel-group 6 mode active  
!  
interface GigabitEthernet4/0/1  
description proxy1-esm4  
switchport access vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode access  
spanning-tree portfast  
spanning-tree bpdufilter enable  
!  
interface GigabitEthernet4/0/2  
description proxy2-esm4  
switchport access vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode access  
spanning-tree portfast  
spanning-tree bpdufilter enable  
!  
interface GigabitEthernet4/0/3  
description proxy3-esm4  
switchport access vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode access  
spanning-tree portfast  
spanning-tree bpdufilter enable  
!  
interface GigabitEthernet4/0/4  
description proxy4-esm4  
switchport access vlan 602  
switchport trunk allowed vlan 601-605  
switchport mode access  
spanning-tree portfast  
spanning-tree bpdufilter enable  
!
```

```
interface GigabitEthernet4/0/5
description proxy5-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/6
description proxy6-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/7
description proxy7-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/8
description proxy8-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/9
description proxy9-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/10
description proxy10-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/11
description proxy11-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/12
description proxy12-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/13
description proxy13-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/14
description proxy14-esm4
switchport access vlan 602
switchport trunk allowed vlan 601-605
switchport mode access
spanning-tree portfast
spanning-tree bpdufilter enable
!
```

```
interface GigabitEthernet4/0/15
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active
!
```

```
interface GigabitEthernet4/0/16
description Trunk4
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 5 mode active
!
```

```
interface GigabitEthernet4/0/17
description Trunk5
```

```
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 6 mode active
!
interface GigabitEthernet4/0/18
description Trunk5
switchport trunk native vlan 602
switchport trunk allowed vlan 601-605
switchport mode trunk
channel-group 6 mode active
!
```