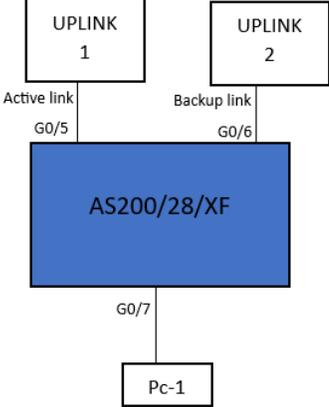


# Backup-links Test Report

Test	Backup-links in AS200/28/XF version 139318
Test procedure	
Configuration	<p><b>Configuration in Switch:</b></p> <pre> ! backup-link-group 1 preemption-mode forced delay 30 // creating the backup-link-group ! interface GigaEthernet0/5 switchport pvid 200 backup-link-group 1 active // assigning the port as active port for uplinks backup-link-group mmu transmit backup-link-group mmu receive ! interface GigaEthernet0/6 switchport pvid 200 backup-link-group 1 backup // assigning the port as backup port for uplinks backup-link-group mmu transmit backup-link-group mmu receive ! interface GigaEthernet0/7 switchport pvid 200 </pre>



When the port g0/5 is restored

The screenshot shows a PuTTY terminal window on the left and a Windows Command Prompt on the right. The terminal displays the configuration for backup-link-group 1, showing GigaEthernet0/5 as the active interface and GigaEthernet0/6 as the backup interface. A message indicates that the state of GigaEthernet0/5 has changed to 'up'. The command prompt shows a continuous stream of 'Reply from 8.8.8.8' messages, indicating that traffic is being received on the backup port during the restoration process.

After 30 secs of the port 5 restored

This screenshot is similar to the one above, but the terminal output shows that the state of GigaEthernet0/5 has changed to 'Forward/Block'. The Windows Command Prompt continues to show 'Reply from 8.8.8.8' messages, demonstrating that traffic is still being received on the backup port (GigaEthernet0/6) even after the primary port (GigaEthernet0/5) has reached a 'Forward' state.

**Result** When the active port is down the traffic is shifted to backup port with zero packet loss.