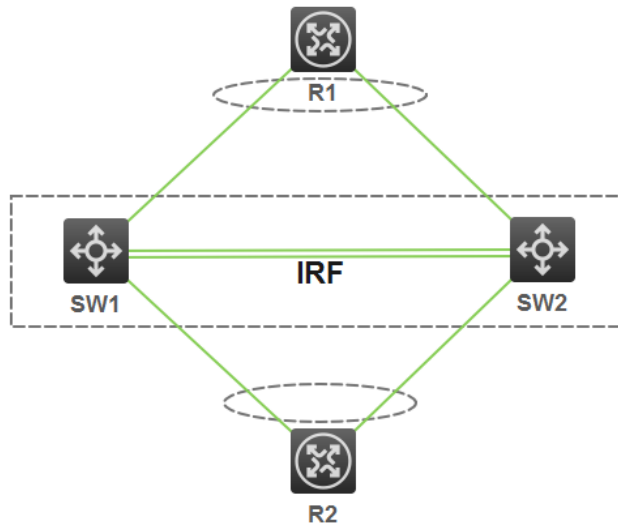


# 知 Steps to upgrade the software version (IRF)

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## Network Topology



IRF Upgrade.

## Problem Description

IRF upgrade requires that packet loss be minimized, high reliability, short interruption time, smooth upgrade, and excessively smooth configuration.

## Process Analysis

Instructions
<b>Preparations:</b>
1. Save switch configuration: <b>Save</b> (on device and PC)
2. Check whether the space of the two devices is enough, if not, delete /unreservedthe extra files;
3. Use the TFTP/FTP to upload the software package to the device, and use the Copy command to copy a copy to the backup device. copy flash:/S12500X-CMW710-SYSTEM-R2713.bin chassis3#slot5#flash/
4.Delete the .mdb file.
<b>Start :</b>
5.Disconnect the uplink and downlink of SW-2, then disconnect the stacking line and the MAD line t o split IRF into two devices.
<b>Upgrade IRF standby device (SW-2):</b>
6.Confirm that SW2 is in a normal state,boot-loader and restart <b>without</b> saving the configuration, and check the version after completion.
7. Disconnect SW-1 uplink and downlink , connect SW-2 uplink and downlink , check whether the se rvice is normal;
<b>Upgrade SW-1 according to the method of SW-2.</b>
8. Disconnect SW-2 uplink and downlink , connect SW-1 uplink and downlink , check whether the se rvice is normal;
9. Reconnect the stacking link, SW-2 will restart soon, and connect the uplink and downlink of SW-2 at the same time;
<b>After the IRF converges, check whether the service is normal.</b>

## Solution

- 1.Remember to delete the .mdb file in the flash before upgrading.
- 2.Note: Be sure to apply for the change window!