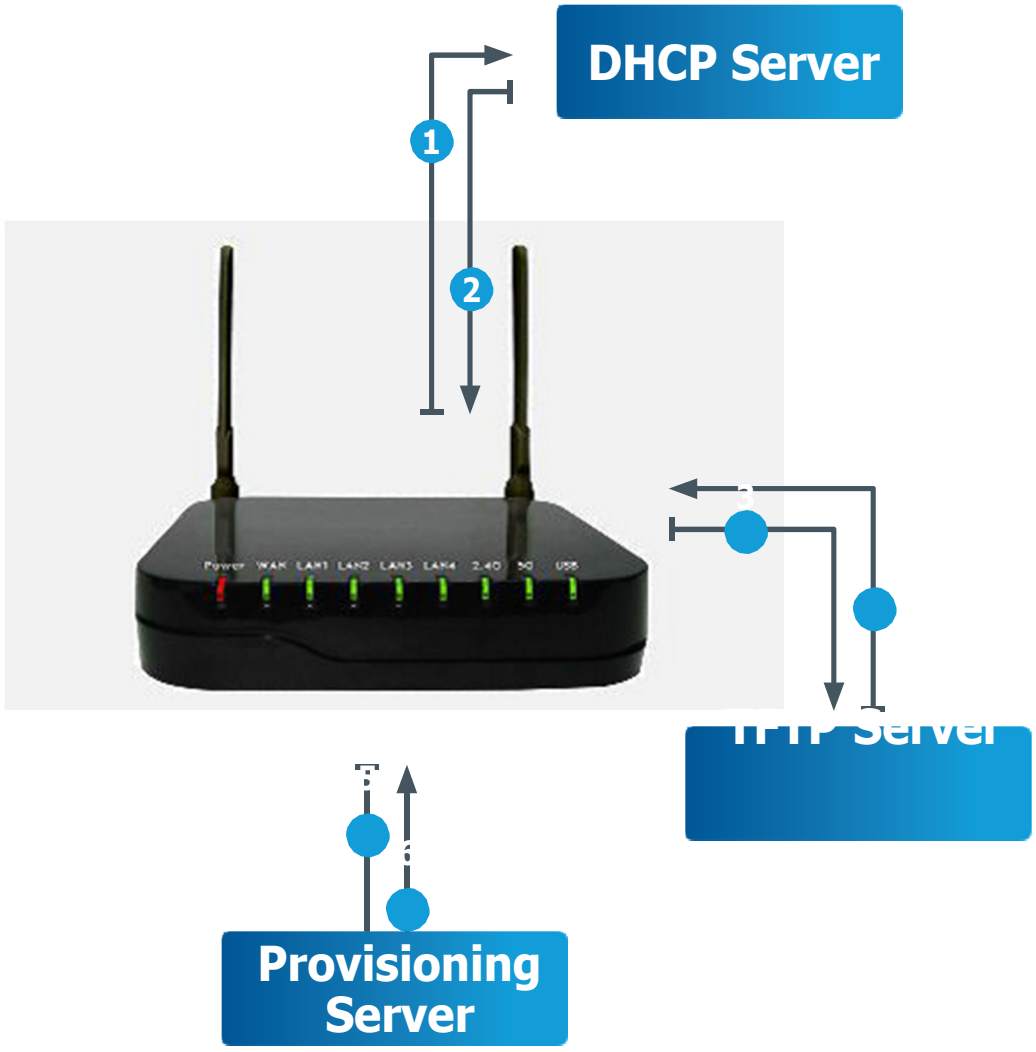
Remote Provisioning Overview



1: A brand new or reset router boots up and includes a request for Option 66 with its DHCP request.

2: DHCP Server sends DHCP response (IP, subnet, gateway ...) and also includes the IP address of a TFTP Server as the Option 66 response.

3: The router connects to the TFTP Server and requests the initial provisioning file.

4: The initial provisioning file returned by the TFTP Server provides the router with the location of the full provisioning file and also instructs the router not to request DHCP Option 66 The router will reboot to apply the new configuration parameters.

5: The router boots up and requests the full provisioning file from the Provisioning Server.

6: The Provisioning Server sends back a customer-specific provisioning file. The router reboots to apply the new settings.

Note: The file returned by the TFTP Server (Step 4) is not customer-specific, while the one returned by the Provisioning Server (Step 6) is customer specific.

Note: Steps 1 through 4 are only performed when the device is set to include Option 66 with its DHCP request. Thus, a brand-new device or one that has been 'factory reset', will do steps 1 through 4.

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