
DHCP Option 66 for IP Phone Provisioning

IP Phones can be configured/provisioned in one of 2 ways as listed below.

- 1) One phone at a time via the Web Portal for each phone. (Works fine but is time consuming and difficult to manage)
- 2) Using a provisioning server where the phone gets its configuration from files located within the provisioning server. (Less time consuming and makes changes in the future much easier including Firmware upgrades)

Sunrise Solutions Inc. highly recommends using DHCP Option 66 in your DHCP server options to tell the IP phones once they are plugged into the network, to go to the IP Address of the provisioning server.

Example:

UCx Call Server has a Static IP address of 192.168.1.5.

You plug a IP phone into a Data jack on your network. The IP phone will request a IP address from your DHCP server.

When it receives the IP address the DHCP server will also tell the phone that the provisioning server for phones is located at 192.168.1.5.

At this point the phone will then go to 192.168.1.5 to retrieve its configuration file which are pre-installed in the UCx provisioning server. Once this file is downloaded your phone will be ready to use.

DHCP Option 66 should look like this:

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tftp://192.168.1.5/
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where 192.168.1.5 is the IP address of the UCx