URL to provisioning server

General info

For implementing auto-provisioning of the VoIP phones it must first be ensured that the device receives the address (URL) of the server responsible for provisioning. As the provisioning server location cannot be anticipated in the case of a private PBX it may be located within the phone's local network, in the case of a hosted PBX it may be located somewhere in the Internet the phones use a Gigaset server (profile.gigaset.net/device) by default which must be changed according to the provisioner's requirements.

The following methods are provided for the provisioning server URL update, depending on the prevailing network infrastructure:

1. DHCP option 66
2. DHCP option 114
3. SIP Multicast
4. Gigaset redirect service
5. Manual configuration via web-interface

DHCP option 66

DHCP option 66 is coming from the past when tftp was used for provisioning, today the option is also used to provide the HTTP(S) url.

As the Gigaset DHCP provisioning URL option is 114 instead of 66, we have implemented also the option 66. Option 114 has higher priority and will overwrite option 66. See the wiki article for more information.

The phone requests the provisioning server address via a DHCP request with option 66 (dhcp_url). This method is predominantly used by stand-alone provisioning servers within the same LAN.

DHCP option 66 is supported by:

- N510
- N720
- Maxwell Basic, 2 and 3

DHCP option 114

The Gigaset standard is DHCP option 114. It will overwrite DHCP option 66 when both are delivered.

The phone requests the provisioning server address via a DHCP request with option 114 (dhcp_url). This method is predominantly used by stand-alone provisioning servers within the same LAN.

SIP Multicast

The phone requests the provisioning server address from a local network instance via SIP multicast. This method is predominantly used by local PBX systems.

> **Info**
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> SIP multicast response will overwrite the DHCP option 114 and 66.

Gigaset redirect service

The provisioner can use either the Gigaset provider/provisioner portal to enter the provisioning server URL for the phones to be managed or use the XML-RPC interface.

Manually using the Web-interface

You can enter the URL manually in the web-interface of the device.

In every device, under Firmware there is a Data server field. This is the link to your provisioning server, you can change this manually.Will be overwritten by DHCP option or other method if provided.