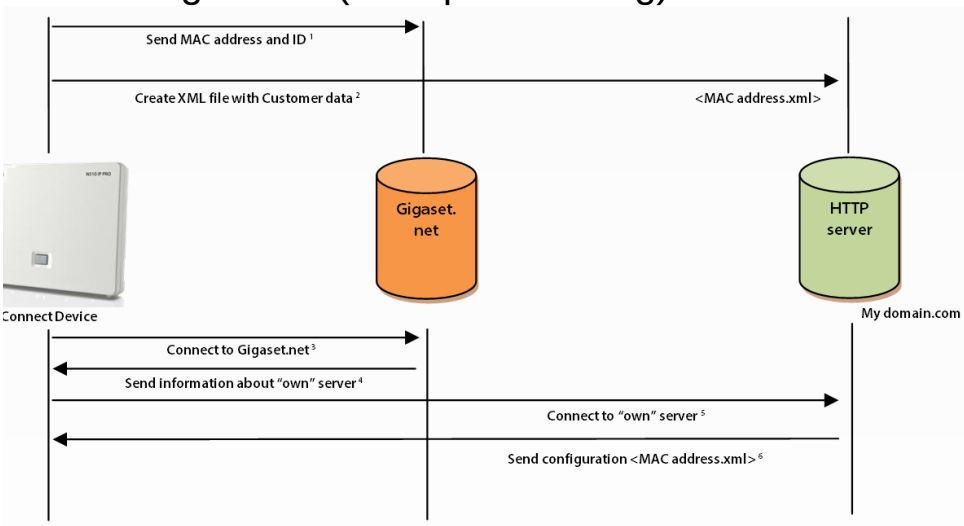
FAQ Auto configuration

Auto configuration (Auto provisioning)



Auto-configuration is the automatic configuration of devices without manual intervention, without any need for software configuration programs or jumpers.

Ideally, auto-configuring devices should just "plug and play".

Configurations are negotiated at system initialization time.

This feature is also known as "***Zero-touch-provisioning***".

See here for more info about the Gigaset Auto provisioning functionality.

High level communication flow

- Read MAC address and ID from device.
  - Packaging
  - Web-interface
- Login to the Gigaset redirect server to add info about:
  - Device (Mac+ID)
  - Own server URL
- Add configuration file (XML) to own server
- Device comes online
  - Connects to Gigaset server
  - Gigaset asks for Username and Password
  - Connects to Gigaset server with integrated username and Password (Programmed in factory)
  - Device connects to Own server
  - Device downloads xml file if no HTTP digest is used or
  - If server requests HTTP digest username and Password
  - Then device connects again using manual configured HTTP digest username and Password.
  - Device downloads xml file if no HTTP digest is used.

Security: HTTP digest

HTTP Digest access authentication is one of the agreed-upon methods a device can use to negotiate credentials with a HTTP server to increase the security. This extra security can also be used during the HTTP Auto provisioning process.

Configuration file

- Firmware upgrade

- Auto configuration (Auto provisioning)
    - High level communication flow
- Security: HTTP digest
- Configuration file