

Direct link to xml file

Maxwell Basic, 2 and 3

Below you can find examples via different Methods how to provide the device with an provisioning URL and which files are downloaded.

There are 2 versions of XML files that can be downloaded:

1. [Version 1.0](#) where multiple files are used to download Software, settings and special parameters.
2. Version 1.1 where one file is used that contains all. (**Preferred method**) Below is described how to create one xml file with all parameters.

URL via:	URL	Download	Comment
Redirect server	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>/provisioning.xml when provisioning.xml is not available http://<SERVER URL>/<MAC>.xml	The provisioning.xml contains information about the next files to be downloaded, see wiki article .
Web-interface	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>/provisioning.xml when provisioning.xml is not available http://<SERVER URL>/<MAC>.xml	The provisioning.xml contains information about the next files to be downloaded, see wiki article .
DHCP option 114	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>/provisioning.xml when provisioning.xml is not available http://<SERVER URL>/<MAC>.xml	The provisioning.xml contains information about the next files to be downloaded, see wiki article .
DHCP option 66 DHCP option 15 is not available	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>/provisioning.xml when provisioning.xml is not available http://<SERVER URL>/<MAC>.xml	The provisioning.xml contains information about the next files to be downloaded, see wiki article .
DHCP option 66 DHCP option 15 is available	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/%MACD.xml.<DHCP option 15>	Implemented for special provider
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml.<DHCP option 15>	
	http://<SERVER URL>	http://<SERVER URL>.<DHCP option 15>	

XML file version 1.1

On the server, the xml file contains info about:

- Firmware
- NVM (Settings), all parameters can be found [here](#).
- Custom

Maxwell 3/B example

```
<?xml version="1.0" encoding="UTF-8"?>
<provisioning version="1.1" productID="mx3b">
  <firmware>
    <!-- Here you define the version of the software and the URL where to download the software -->
    <file version="2.24.7" url="http://192.168.178.101/device/maxwell/GC_MAX_2.24.7-release.bin" />
  </firmware>
  <nvm>
    <!-- settings of the device -->
    <param name="PhoneUI.Settings.Confirmations" value="12121"/>
    <param name="PhoneUI.Settings.KeyClick" value="221122"/>
  </nvm>
  <custom>
    <!-- Special options -->
    <step type="certificate" url="/custom/certificate.cert" flags="FORCE_ACCEPT"/>
  </custom>
</provisioning>
```

N510 IP PRO

Below you can find examples via different Methods how to provide the device with an provisioning URL and which files are downloaded.

URL via:	URL	Download	Comment
Redirect server	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>	No file will be downloaded.
Web-interface	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	Web-interface: Configuration file (URL) field is used.
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	Web-interface: Configuration file (URL) field is used.
	http://<SERVER URL>	http://<SERVER URL>/42/2/master.bin	Web-interface: Dataserver field is used.
DHCP option 114	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml/42/2/master.bin	For DHCP option 114, only use the option: http://<SERVER URL>
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml/42/2/master.bin	For DHCP option 114, only use the option: http://<SERVER URL>
	http://<SERVER URL>	http://<SERVER URL>/42/2/master.bin when master.bin is not available http://<SERVER URL>/<MAC>.xml	
DHCP option 66	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml/<MAC>.xml	For DHCP option 66, only use the option: http://<SERVER URL>
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml/<MAC>.xml	For DHCP option 66, only use the option: http://<SERVER URL>
	http://<SERVER URL>	http://<SERVER URL>/<MAC>.xml	

Configuration file (URL) auto provisioning

Below you can find how to configure the Configuration file (URL) via auto provisioning.

XML parameters:

```
<S_CONFIGFILE_URL class="string" value="provider URL/xml/<MAC address>.xml"/>
```

Please take care that extra ' ' are used.

Tag Name	Value	Location in web-interface
S_CONFIGFILE_URL or BS_IP_Data.aucS_CONFIGFILE_URL[0]	<p>max. 74 characters from (0-9,a-z,A-Z,-,.); default is empty it must be complete/proper URL such as http://domain/path/filename.xml .</p> <p>From software 210 and higher, the placeholder %MACD is allowed, the device will replace this with it's own MAC address.</p> <p>Example: http://domain/path/%MACD.xml</p> <p>Important, the xml file name must contain capital letters</p> <pre><S_CONFIGFILE_URL class="string" value="provider URL/xml/<MAC address>.xml"/></pre> <p>or</p> <pre><BS_IP_Data.aucS_CONFIGFILE_URL[0] class="symb_item" value="provider URL/xml/<MAC address>.xml"/></pre>	Settings -> Management -> Firmware Update -> Configuration file URL

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<ProviderFrame xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="N510.xsd">
<Provider>
<!-- Please enter the correct MAC Address example: 3E2F800E1234
Please enter correct Version value: DDMMYYHHMM example: 2811120928
Please enter a Profile name
If not correct, no setting will be done
-->
<MAC_ADDRESS value="7C2F80170386"/>
<PROFILE_NAME class="string" value="IPDEC"/>

<I_PHONE_SYSTEM class="integer" value="5"/>

<S_CONFIGFILE_URL class="string" value="<provider URL>/device/xml/%MACD.xml"/>

</Provider>

</ProviderFrame>

```

Web-interface:

Settings - Management - Firmware Update - Configuration file URL:

<ul style="list-style-type: none"> Network Telephony Messaging Info Services Directories Management <ul style="list-style-type: none"> Date and Time Local Settings Miscellaneous Reboot & Reset Save and Restore <li style="color: orange;">Firmware Update 	<h4 style="text-align: center;">Firmware Update</h4> <p>Data server: <input type="text" value="http://192.168.178.120/eg_prov/"/></p> <p>User defined firmware file: <input type="text"/></p> <p>Configuration file (URL): <input type="text"/></p> <p>Automatic check for software updates: <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><small>On starting the firmware update the device checks if the requirements of a successful firmware download are fulfilled. The firmware is then downloaded without additional feedback. During download and update the handset / base connection is lost. A successful update results in the handset re-establishing the base connection.</small></p> <p style="text-align: center;"><input type="button" value="Update firmware"/></p>
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N720 IP PRO

Below you can find examples via different Methods how to provide the device with an provisioning URL and which files are downloaded.

URL via:	URL	Download	Comment
Redirect server	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	
	http://<SERVER URL>	http://<SERVER URL>	No file will be downloaded.
Web-interface	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml	Web-interface: Configuration file (URL) field is used.
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml	Web-interface: Configuration file (URL) field is used.
	http://<SERVER URL>	http://<SERVER URL>/70/1/master.bin	Web-interface: Dataserver field is used.
DHCP option 114	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/%MACD.xml/70/1/master.bin	For DHCP option 114, only use the option: http://<SERVER URL>
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml/70/1/master.bin	For DHCP option 114, only use the option: http://<SERVER URL>
	http://<SERVER URL>	http://<SERVER URL>/70/1/master.bin when master.bin is not available http://<SERVER URL>/<MAC>.xml	
DHCP option 66	http://<SERVER URL>/%MACD.xml	http://<SERVER URL>/<MAC>.xml/<MAC>.xml	For DHCP option 66, only use the option: http://<SERVER URL>
	http://<SERVER URL>/AABBCCDDEEFF.xml	http://<SERVER URL>/AABBCCDDEEFF.xml/<MAC>.xml	For DHCP option 66, only use the option: http://<SERVER URL>
	http://<SERVER URL>	http://<SERVER URL>/<MAC>.xml	

Configuration file (URL) auto provisioning

Below you can find how to configure the Configuration file (URL) via auto provisioning.

```
SYMB_ITEM ID="BS_IP_Data.aucS_CONFIGFILE_URL" class="string" value="http://...path to xml file..."/>
```

With this values IWU will download profile from aucS_CONFIGFILE_URL after every check-sync /reboot.

Tag Name	Value	Location in web-interface
BS_IP_Data.aucS_CONFIGFILE_URL	max. 255 characters from (0-9,a-z,A-Z,-,.); default is empty it must be complete/proper URL such as http://domain/path/filename.xml .	Not available.

x. 255 characters from (0-9,a-z,A-Z,-,.); default is empty it must be complete/proper URL such as http://domain/path/filename.xml .	System -> Firmware Update -> Configuration file URL
--	---

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<ProviderFrame xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="N510.xsd">
<Provider>

<MAC_ADDRESS value="FFFFFFFFFFFF"/>
<PROFILE_NAME class="string" value="Test"/>

<SYMB_ITEM ID="BS_IP_Data.aucS_CONFIGFILE_URL" class="symb_item" value="http://192.168.178.101/device/xml/test.xml"/>

</Provider>

</ProviderFrame>

```

Web-interface:

Settings - Management - Firmware Update - Configuration file (URL):

<ul style="list-style-type: none">▶ Network and Connections▶ VoIP Providers▶ Mobile Devices▶ Telephony▶ Info Services▶ Online Directories▼ Management<ul style="list-style-type: none">Date and TimeLocal SettingsMiscellaneousSave and RestoreRebootSystem LogFirmware Update	<h3>Settings for Firmware Update and Downgrade</h3> <p>Current firmware version of DECT Manager 70.093.00.000.00</p> <p>Firmware status of base stations is shown on status page.</p> <p>Data server <input type="text" value="http://192.168.178.101/device"/></p> <p>Configuration file (URL) <input type="text" value="http://192.168.178.101/device/xml/"/></p> <p>Update strategy for base stations <input type="radio"/> Simultaneous <input checked="" type="radio"/> Sequential</p> <p><input type="button" value="Set"/> <input type="button" value="Cancel"/></p> <h3>Start Firmware Update or Downgrade</h3> <p>Available firmware version of DECT Manager Requesting data</p> <p>Update time <input checked="" type="radio"/> Immediately <input type="radio"/> Later</p>
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XML parameters:

```
<S_CONFIGFILE_URL class="string" value="provider URL/xml/<MAC address>.xml"/>
```

Tag Name	Value	Location in web-interface
S_CONFIGFILE_URL	<p>max. 74 characters from (0-9,a-z,A-Z,.,.); default is empty it must be complete/proper URL such as http://domain/path/filename.xml .</p> <p>Important, the xml file name must contain capital letters.</p> <p>The usage of placeholders like %MACD will be supported soon.</p>	Settings -> System -> Auto Provisioning -> Configuration file URL

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ProviderFrame>
.<Provider>
<MAC_ADDRESS value="FF:FF:FF:FF:FF:FF"/>
..<PROFILE_NAME class="string" value="PBX"/>

..<S_CONFIGFILE_URL class="string" value="http://192.168.178.101/device/xml/FFFFFFFFFFFF.xml"/>

.</Provider>
</ProviderFrame>
```

Web-interface:

Settings - System - Auto Provisioning:

The screenshot shows the Gigaset Maxwell IP Pro web interface. The top navigation bar includes the Gigaset logo, the product name 'MAXWELL IP PRO', and a 'Logout' link. Below the navigation bar, there are two tabs: 'Settings' (active) and 'Status'. The main content area is divided into a left sidebar and a right main panel. The sidebar contains a list of settings categories: Network and Connections, Telephony, Services, Function Keys, System (highlighted), Date and Time, Security, and Reboot and Reset. The 'Auto Provisioning' settings page is displayed in the main panel, showing the text 'All settings are configured automatically.' and 'Start auto provisioning'. There is a 'Start' button, a text input field with the placeholder '...set custom url here', and a 'Save' button.