Nested profiles

Introduction

It is possible to insert a link to a second xml config file that is automatically loaded after the first config file.

This can be used to first download the basic settings in clear text and then the other settings encrypted .

N870

See this wiki article: FAQ - Auto provisioning: Nested profiles

Maxwell

See this wiki article: FAQ Maxwell - Auto provisioning Nested profiles

N510 IP PRO

The DX800 version 173 has the same functionality like the N510.

XML parameters:

Tag name	Value	Meaning
EXTENDED_PROFILE	string	URL to xml file. Example: http://<provider/server URL>/<Directory (optional)>/<filename.xml> From software 210 and higher also %MACD placeholder is allowed. When used, the device will replace this with own MAC address. Example: http://<provider/server URL>/<Directory (optional)>/%MACD_2.xml>
Example to http file: <EXTENDED_PROFILE class="string" value="http://192.168.178.200/device/xml/%MACD_2.xml"/> Example to https file: <EXTENDED_PROFILE class="string" value="https://192.168.178.200/device/xml/%MACD_2.xml"/>		

In this example we will first load the default xml file and here we link to a second xml file.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ProviderFrame xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="profile.xsd">
<Provider>
<MAC_ADDRESS value="7C2F8030D21E"/>
<PROFILE_NAME class="string" value="n510_test"/>

<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_DOMAIN" class="symb_item" value="'192.168.178.120'"/>
<SYMB_ITEM ID="BS_IP_Data1.ucB_SIP_ACCOUNT_IS_ACTIVE_1" class="symb_item" value="1"/>
<SYMB_ITEM ID="BS_IP_Data3.aucS_SIP_LOGIN_ID" class="symb_item" value="'test3'"/>
<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_REGISTRAR" class="symb_item" value="'192.168.178.120'"/>
<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_USER_ID" class="symb_item" value="'test3'"/>
<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_PASSWORD" class="symb_item" value="'test3'"/>
<SYMB_ITEM ID="BS_Accounts.astAccounts[0].aucAccountName[0]" class="symb_item" value="'Timer_4'"/>
<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_SERVER" class="symb_item" value="'192.168.178.120'"/>
<SYMB_ITEM ID="BS_IP_Data1.aucS_SIP_DISPLAYNAME" class="symb_item" value="'test'"/>

<!-- Needed to enable Provisioning, After Reboot -->
<SYMB_ITEM ID="BS_IP_Data.ucB_AUTO_UPDATE_PROFILE" class="symb_item" value="0x1"/>
<SYMB_ITEM ID="BS_IP_Data3.ucI_ONESHOT_PROVISIONING_MODE_1" class="symb_item" value="0x1"/>

<!-- Link to second user specific configuration file -->
<EXTENDED_PROFILE class="string" value="http://<Provider URL>/device/xml/7c2f8030d21e_2.xml"/>


</Provider>
</ProviderFrame>
```

> From N510 software 210 (and DX800 software 173) we also support the usage of the placeholder %MACD
>
> Example: <EXTENDED_PROFILE class="string" value="http://<Provider URL>/device/xml/%MACD_2.xml"/>
>
> %MACD will be replaced with the device own MAC address.
>
> The xml file name should be with capital letters, else the device can not find the xml file.

In the second file we just inserted some settings.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ProviderFrame xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="profile.xsd">
<Provider>
<MAC_ADDRESS value="7C2F8030D21E"/>
<PROFILE_NAME class="string" value="n510_test"/>

<SYMB_ITEM ID="BS_Accounts.astAccounts[0].aucAccountName[0]" class="symb_item" value="'SecondXML'"/>

</Provider>
</ProviderFrame>
```