

DX800 Provisioning parameters

DX800 enabling Redirect Server

Dependent on the DX800 variant, it can be that the redirect server option is disabled. This can only be enabled via special configuration, for this you need a patch. The patch is based on the variant and contains the following settings to enable redirect server.

DX800 enable redirect

```
BS_IP_Data1.ucB_HAS_PROVISIONING_CODE=1
BS_IP_Data1.ucB_SHOW_PROVISIONING_CODE_IN_HS=1
BS_IP_Data1.ucB_AUTOPROVISIONING=0
BS_IP_Data1.ucI_AUTOPROVISIONING_STYLE=0
BS_IP_Data1.ucB_AUTO_UPDATE_PROFILE=1
BS_IP_Data3.ucI_ONESHOT_PROVISIONING_MODE_1=1
BS_IP_Data1.aucS_AUTOPROVISIONING_CODE=0x34,0x34,0x34
```

Via the restore option, you can activate the patch below. If you variant is not listed you need to request this from Gigaset.

- Patch for DX800 Dutch variant [DX800_Provisioning_Norm_patch.cfg](#)
- Patch for DX800 GER variant [DX800_Provisioning_Norm_patch_de.cfg](#)

As most of the DX800 parameters are the same like N510, you can also use the online tools for N510 to create config files.

| Parameter-Name | possible Values | Web-UI | Where to find / Description |
|----------------------------|---|--------|---|
| | B_... - boolean expressed as 1/0. | | |
| | I_... - integer value in range +/- (2 ¹⁵ - 1) | | |
| | S_... - string value, e.g. "Ala ma kota" (entered without quotation signs). | | |
| Service-specific-data | | | |
| I_TDS_AUTHENTICATION_MODE | 0=ROM data / 1=USER data / 2=ROM or USER data / 3=SIP authentication mode | No | This parameter tells where HTTP auth login/password is stored. Value 3 is very usefull option. In this mode HTTP login and password will be get from first SIP account data. |
| B_TDS_TRANSMIT_MAC_ADDRESS | | No | should mac address of device be included in every request "bTDSTransmitMacAddress = 1". |
| S_TDS_ISO_3166_1 | | Yes | WebUI-Country-code-for-Telephonebook-entry |
| S_TDS_TXT_AL_HEADER | | | |
| S_TDS_TXT_NAME | | | |
| S_AVAILABLE_OTDP | | Yes | WebUI-Available-Telephonbooks-under-Services (default: 6B747467656E67736862736500FFFFFF) |
| S_TDS_MNEMONIC | | Yes | WebUI-Active-Telephonebook-under-Services |
| S_TDS_SERVICE_URL | | No | URL address of the phonebook server (must be ended with ?) |
| S_TDS_LOGIN | | No | if phonebook server requires authentication (only HTTP Digest MD5 is supported) |
| S_TDS_LOGIN_PASS | | No | CRYPTED password (password can be generate by sw-development) |
| I_TDS_CAPABILITIES | | No | provider capabilities "aucTDSCapabilities". Capabilities byte are combined from following bits: AEIP_OTDP_CAP_PEOPLE_SEARCH = 0x01, <-- white pages AEIP_OTDP_CAP_BUSINESS_SEARCH = 0x02, <-- yellow pages AEIP_OTDP_CAP_REVERSE_LOOKUP = 0x04, <-- search by phone number AEIP_OTDP_CAP_PRIVATE_NETWORK_DIRECTORY = 0x08, <-- 3rd book type - private phonebook AEIP_OTDP_CAP_AUTO_LOOKUP = 0x10, <-- if reverse lookup is active, all incoming calls will be looked inside netdir and caller name will be presented on display AEIP_OTDP_CAP_NICKNAME_FOR_PRIVATE_NETWORK_DIRECTORY = 0x20, <-- private phonebook supports user defined firmware AEIP_OTDP_CAP_ENCRYPT_POSTS = 0x40, <-- private phonebook - all sent data will be encrypted |
| S_TDS_TXT_MENU | | No | Handset-Telephonebook-Search-Menue-Header |
| S_TDS_TXT_HEADER | | No | Handset-Telephonebook-Search-Result-Header |

| | | | |
|------------------------------|--------------------|-----|--|
| S_TDS_TXT_SEARCH_1 | | No | Handset-Telephonebook-Search-note-Line-1 |
| S_TDS_TXT_SEARCH_2 | | No | Handset-Telephonebook-Search-note-Line-2 |
| S_TDS_TXT_DEP_MENU | | No | Handset-Yellowpages-Search-Menue-Header |
| S_TDS_TXT_DEP_HEADER | | No | Handset-Yellowpages-Search-Result-Header |
| S_TDS_TXT_DEP_SEARCH_1 | | No | Handset-Yellowpages-Search-Note-Line-1 |
| S_TDS_TXT_DEP_SEARCH_2 | | No | Handset-Yellowpages-Search-Note-Line-2 |
| S_OTDP_AUTH_PASS | | No | |
| S_TDS_TXT_PTD_MENU | | No | Handset-Private-Phonebook-Search-Menue-Header |
| S_TDS_TXT_PTD_HEADER | | No | Handset-Private-Phonebook-Search-Result-Header |
| S_TDS_TXT_PTD_SEARCH_1 | | No | Handset-Private-Phonebook-Search-Note-Line-1 |
| S_TDS_TXT_PTD_SEARCH_2 | | No | Handset-Private-Phonebook-Search-Note-Line-2 |
| S_OTDP_AUTH_NAME | | No | |
| IP Configuration | | | |
| B_USE_DHCP | boolean true/false | Yes | Settings --> IP-configuration --> IP address type |
| I_IP | | Yes | Settings --> IP-configuration --> IP address |
| I_SUBNET_MASK | | Yes | Settings --> IP-configuration --> Subnet mask |
| I_DEFAULT_ROUTER | | Yes | Settings --> IP-configuration --> Default gateway |
| I_DNS_SERVER_1 | | Yes | Settings --> IP-configuration --> Preferred DNS server |
| I_DNS_SERVER_2 | | Yes | Settings --> IP-configuration --> Alternate DNS server |
| B_ACCEPT_FOREIGN_SUBNET | boolean true/false | Yes | Settings --> IP-configuration --> Allow access from other networks |
| B_HTTP_PROXY_ENABLED | | Yes | Settings --> IP-configuration --> Enable proxy |
| S_HTTP_PROXY_URL | | Yes | Settings --> IP-configuration --> Proxy server address |
| I_HTTP_PROXY_PORT | | Yes | Settings --> IP-configuration --> Proxy server port |
| B_SHOW_QUESTION_MARK_IN_WEB | | Yes | Question mark in the right-upper corner |
| B_SHOW_SECURITY_ADVICE | | Yes | Security advice after login if password or similar is not changed |
| I_HTTPLANGUAGE | | Yes | Before login you can change the WebUI-language |
| // enabled web languages | | | |
| B_WEB_LANGUAGE_ENABLED_ENG | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_GER | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_FRE | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_ITA | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_NDL | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_ENGUS | | Yes | Offered languages for the WebUI (at login!) |
| B_WEB_LANGUAGE_ENABLED_ARA | | Yes | Offered languages for the WebUI (at login!) |

| | | | |
|----------------------------------|---|-----|--|
| B_WEB_LANGUAGE_ENABLED_RUS | | Yes | Offered languages for the WebUI (at login!) |
| B_SIP_USE_STUN_SHC | | Yes | Settings --> Telephony --> Connections --> Gigaset.net --> STUN enabled |
| Advanced VOIP settings | | | |
| B_DTMF_TX_MODE_AUTO | | Yes | Settings --> Telephony --> Advanced Settings --> Send settings |
| I_DTMF_TX_MODE_BITS | (BITS!) 1=audio, 2=RFC 2833, 4=SIP INFO | Yes | Settings --> Telephony --> Advanced Settings --> Send settings |
| B_USE_R_KEY_FOR_CALL_TRANSFER | | Yes | Settings --> Telephony --> Advanced Settings --> Use R-Key to initiate call transfer with the SIP Refer method |
| B_CT_AFTER_ON_HOOK | | Yes | Settings --> Telephony --> Advanced Settings --> Transfer Call by On-Hook |
| B_USE_RANDOM_PORT | | Yes | Settings --> Telephony --> Advanced Settings --> Use random ports |
| I_SIP_LOCAL_PORT | | Yes | Settings --> Telephony --> Advanced Settings --> SIP port (min) |
| I_RTP_LOCAL_PORT | | Yes | Settings --> Telephony --> Advanced Settings --> RTP port (min) |
| I_SIP_LOCAL_PORT_MAX | | Yes | Settings --> Telephony --> Advanced Settings --> SIP port (max) |
| I_RTP_LOCAL_PORT_MAX | | Yes | Settings --> Telephony --> Advanced Settings --> RTP port (max) |
| B_VOIP_CALLWAITING_STATUS | | Yes | |
| B_CTO_REFER_TO_PREFERRED_CONTACT | | Yes | Settings --> Telephony --> Advanced Settings --> Preferred Refer To |
| B_CTO_REFER_TO_AUTOMATIC | | Yes | Settings --> Telephony --> Advanced Settings --> Automatic Refer To |
| Audio settings | | | |
| B_ONLY_ONE_ACTIVE_VOIP_CALL | | Yes | Settings --> Telephony --> Audio --> Allow 1 VoIP Call only |
| I_SIP_PREDEFINED_VOCODER | | Yes | |
| I_SIP_AVAILABLE_VOCODER | | Yes | |
| Number assignment | | | |
| B_AUTOMATIC_FALLBACK_TO_PSTN | | Yes | Settings --> Telephony --> Number Assignment --> Automatic fallback to fixed line |
| B_ENHANCED_AUTO_FALLBACK | | Yes | Settings --> Telephony --> Number Assignment --> Enhanced Auto-Fallback |
| S_PSTN_NAME | | Yes | Settings --> Telephony --> Connections --> Fixed Line --> Connection Name or Number |
| Dialing plans | | | |
| I_DIALING_PLAN_COUNTRY_ID | | Yes | Settings --> Telephony --> Dialling Plans --> Country |
| S_CITY_CODE | | Yes | Settings --> Telephony --> Dialling Plans --> Local Area Code |
| B_USE_CITY_CODE | | Yes | Settings --> Telephony --> Dialling Plans --> Predial area code for local calls through VoIP |
| S_SIP_SHC_DISPLAY_NAME | | No | Handset!! --> Call gigaset.net --> Options --> Own details |
| B_SHC_CALLFORWARDING_STATUS_1 | | Yes | Settings --> Telephony --> Call Forwarding --> Gigaset.net |
| I_SHC_CALLFORWARDING_WHEN_1 | | Yes | Settings --> Telephony --> Call Forwarding --> Gigaset.net --> When |
| S_SHC_CALLFORWARDING_NUMBER_1 | | Yes | Settings --> Telephony --> Call Forwarding --> Gigaset.net --> Call number |
| B_SIP_SHC_ACCOUNT_IS_ACTIVE | | No | Enable Gigaset.net account |

| | | | |
|-----------------------------------|------------------|-----|--|
| E-mail | | | |
| S_EMAIL_SERVER | | Yes | Settings --> Messaging --> E-Mail --> POP3 Server |
| S_EMAIL_USERNAME | | Yes | Settings --> Messaging --> E-Mail --> Authentication Name |
| S_EMAIL_PASS | | Yes | Settings --> Messaging --> E-Mail --> Authentication Password |
| I_EMAIL_POLL_TIME | Value in minutes | Yes | Settings --> Messaging --> E-Mail --> Check for new e-mail |
| Info Services | | | |
| B_SHOW_INFO_SERVICE_SERVER_ADVICE | | Yes | Settings --> Services --> Advice under "Activate Info Services" |
| B_INFO_SERVICE_ACTIVE | | Yes | Settings --> Services --> Activate Info Services |
| S_INFO_SERVICE_URL | | No | URL for the Info-Services-Server |
| Management Date & Time | | | |
| S_TIME_NTP_SERVER | | Yes | Settings --> Management --> Date&Time --> Time Server |
| B_TIME_USE_AUTOMATIC_NTP_SYNC | | Yes | Settings --> Management --> Date&Time --> Automatic adjustment of System Time with time server |
| I_TIME_COUNTRY | | Yes | Settings --> Management --> Date&Time --> Country |
| I_TIME_TIMEZONE | | Yes | Settings --> Management --> Date&Time --> Time Zone |
| B_TIME_USE_AUTOMATIC_DST | | Yes | Settings --> Management --> Date&Time --> Automatically adjust clock to summer-time changes |
| B_HAS_NTP_SETTINGS | | No | |
| Miscellaneous | | | |
| B_SHOW_VOIP_STATUS_ON_HANDSET | | Yes | Settings --> Management --> Miscellaneous --> Show VoIP status on handset |
| Firmware Update | | | |
| S_DATA_SERVER | | Yes | URL for the gigaset.net -server |
| Provisioning-specific-data | | | |
| // TR-069 | | | |
| S_DEV_MGMT_SRVR_URL | | No | |
| S_DEV_MGMT_SRVR_USER | | No | |
| S_DEV_MGMT_SRVR_PW | | No | |
| I_DEV_MGMT_SRVR_INF_EN | | No | |
| I_DEV_MGMT_SRVR_INF_INTV_O | | No | |
| S_DEV_MGMT_SRVR_PARKEY | | No | |
| S_DEV_MGMT_SRVR_CONN_USER | | No | |
| S_DEV_MGMT_SRVR_CONN_PW | | No | |
| S_DEV_MGMT_SRVR_OUI | | No | |
| S_DEV_PRODCLASS | | No | |
| S_DEV_MGMT_SRVR_SERNUM | | No | |
| B_TR069_SEND_TRANSACTION_COMPL | | No | |
| S_TR069_COMMAND_KEY | | No | |

| | | | |
|--|--|-----|--|
| S_TR069_AES_KEY | | No | |
| B_BOOTSTRAP_TRIGGER | | No | |
| B_TR69_MGMT_ENABLED | | No | |
| I_DEV_MGMT_SRV_INF_INTV | | No | |
| B_HAS_PROVISIONING_CODE | | No | |
| B_SHOW_PROVISIONING_CODE_IN_HS | | No | |
| B_DO_AUTOMATIC_UPDATES | | Yes | General indication if a check for new FW / Profile will occur every night. |
| B_AUTO_UPDATE_FW | | No | Indication if a new firmware will be stored directly, without user interaction and signalling via MWI (forced update). |
| B_AUTO_UPDATE_PROFILE | | No | Indication if a new Profile will be stored directly, without user interaction and signalling via MWI (forced update). |
| I_REMINDER_FW_UPDATE | | No | Value in "x" days! If the value is greater than 0, the customer will get a reminder via MWI again after "x" days. |
| I_REMINDER_PROFILE_UPDATE | | No | Value in "x" days! If the value is greater than 0, the customer will get a reminder via MWI again after "x" days. |
| S_USER_FIRMWARE_URL | | No | |
| // Auto-Provisioning Codes /Modes | | | |
| S_AUTOPROVISIONING_CODE | | Yes | Settings --> Telephony --> Account 1 --> Auto Configuration Code |
| S_AUTOPROVISIONING_CODE_2 | | Yes | Settings --> Telephony --> Account 2 --> Auto Configuration Code |
| S_AUTOPROVISIONING_CODE_3 | | Yes | Settings --> Telephony --> Account 3 --> Auto Configuration Code |
| S_AUTOPROVISIONING_CODE_4 | | Yes | Settings --> Telephony --> Account 4 --> Auto Configuration Code |
| S_AUTOPROVISIONING_CODE_5 | | Yes | Settings --> Telephony --> Account 5 --> Auto Configuration Code |
| S_AUTOPROVISIONING_CODE_6 | | Yes | Settings --> Telephony --> Account 6 --> Auto Configuration Code |
| I_ONESHOT_PROVISIONING_MODE_1 | | No | |
| I_ONESHOT_PROVISIONING_MODE_2 | | No | |
| I_ONESHOT_PROVISIONING_MODE_3 | | No | |
| I_ONESHOT_PROVISIONING_MODE_4 | | No | |
| I_ONESHOT_PROVISIONING_MODE_5 | | No | |
| I_ONESHOT_PROVISIONING_MODE_6 | | No | |