



BBCS Release Information

September 2024

Swisscom (Schweiz) AG

Wholesale

swisscom

C1 Public



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Service Fulfillment

Info: Additional OTO

The need for technical connections (e.g. for heating control, PV system control, charging stations, etc.) is increasing. These connections require fiber optic telecommunication sockets (OTO), which must also be built outside the utilization units.

Swisscom Wholesale therefore enabled the ordering of such additional fiber optic telecommunications outlets (SU-OTO) step-by-step throughout Switzerland.

This option is available in Swisscom's own construction areas and properties that are already connected with FTTH.

Please note: In certain cases, a fiber rental request (FRR) is necessary, which can be requested via the usual channels.

| | |
|----------------------|---|
| Location Id | 999966 |
| DN Office | 65XAF |
| BB Device Location | DEVLOC |
| Qualif Result Detail | Result Code: CQU Result Comment: This is a Special Usage OTO, ordering only possible after creating a Fiber Rental Request. Please contact servicedesk.wholesale@swisscom.com Result Code: 713 Result Comment: Speed Profiles are missing |





Service Fulfillment

Replacement of FTTH Coverage Lists

Update

Replacement of the FTTH coverage lists in the WSG Information

Background:

With the revision of the AKFT, the data management of the planned and orderable fiber locations was standardized. To this end, new lists with the prefix 55 will be displayed to the ISPs instead of the lists with the prefix 35:

- Prefix 55: ISP und CoPa

The digits "999999_" preceding the names of the 35 lists are no longer displayed in the 55 lists.

During a three-month transition period, both lists will be displayed in parallel.

Procedure:

- Activation of 55 lists **are now available on WSG**
- **New** transition period from **mid-September** to **mid-January**
- Removal of the 35 lists with **mr2501**

Please check the lists and do not hesitate to contact us at bbcs.service@swisscom.com if you have any questions.





Service Fulfillment

MAC based XGS-PON activation with PPP

As several orders from different service providers are simultaneously waiting to be paired with the corresponding ONT of their end customer in a PON tree, an assignment between ONT and service must be made by means of identification.

For this purpose, BBCS uses the splash page known from the preorder in a slightly modified form. To further simplify pairing for the end customer, BBCS also supports this using the WAN-side MAC address of the ONT. Unfortunately, this simplification was only supported with DHCP.

From now on, pairing can also be carried out with PPP using MAC addresses without having to adapt the configuration of the ONT.

Procedure:

The service provider assigns the MAC address of the WAN interface to the order in the WSG. When the Internet box (ONT/CPE) connects to the BBCS access, the stored MAC address initiates the activation of the connection.

This works with XGS-PON (PPP and DHCP) as well as Preorder (DHCP only) for both DHCP (Vlan ID 10) and PPP (Vlan ID 11).

Depending on the manufacturer of the ONT/CPE, the WAN-side MAC address for PPP or DHCP may be different.





Service Assurance

Enhancement Fiber Info

The "OLT (Fan)" information in the "Fibre Info" response (BX) has been expanded with the following values:

- Last Port Change
- Reason for Last Port Change
- Time since last Port Status Change

| | |
|--|------------------------|
| 🚨 Mass Outage ✔ | |
| Affected | No |
| 📶 OLT (Fan) ⚠ | |
| Port Status | DOWN |
| RX Power | -19.89 dBm |
| TX Power | -5.68 dBm |
| Last Port Change | 12. May, 2024 10:15:05 |
| Reason for Last Port Change | PortPerformanceDefect |
| Time since last Port Status Change | 380 days, 14:17:40.84 |
| ONT (Router) | |
| ONT Serial Number | 5A5958458CABC57E |
| MAC Address | 06-A1-R2-C3-00-00 |

B2B:

- Schema: ngwsg-asr-b2b-v1.1.json V1.1 (REST)
- Methoden:
 - /rest/v1/subscriber-line/bx/fan-port-status
 - /rest/v1/subscriber-line/bx/fan-port-status/prev
- Anpassungen:
 - Objekt **BxFanPortStatus** erweitert mit **lastPortChange**, **reasonForLastPortChange** und **timeSinceLastPortStatusChange**

```
{
  "dataSetId": "string",
  "status": "Up",
  "txPower": {
    "value": -4.58,
    "unit": "dBm"
  },
  "rxPower": {
    "value": -4.58,
    "unit": "dBm"
  },
  "lastPortChange": "2024-09-04T08:18:26.711Z",
  "reasonForLastPortChange": "string",
  "timeSinceLastPortStatusChange": "string"
}
```





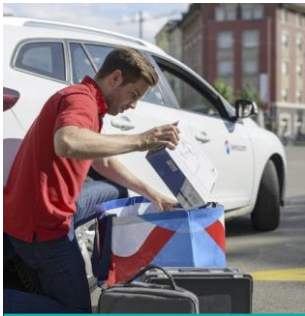
Upcoming WSG Releases

WSG release- and test system-upgrade dates

| Release | | Deployment | WSG XML Schema Version Upgrade | Upgrade Testsystem |
|---------------|-----------------------------|-----------------------|--------------------------------|--------------------|
| mr2409 | Tuesday to Wednesday | 24.-25.09.2024 | Optional | 11.09.2024 |
| mr2410 | Tuesday to Wednesday | 22.-23.10.2024 | Optional | 09.10.2024 |
| mr2411 | Tuesday to Wednesday | 19.-20.11.2024 | Mandatory | 06.11.2024 |
| mr2501 | Tuesday to Wednesday | 28.-29.01.2025 | Optional | 15.01.2025 |
| mr2502 | Tuesday to Wednesday | 25.-26.02.2025 | Optional | 12.02.2025 |
| mr2503 | Tuesday to Wednesday | 25.-26.03.2025 | Optional | 12.03.2025 |
| mr2504 | Tuesday to Wednesday | 22.-23.04.2025 | Mandatory | 09.04.2025 |
| mr2505 | Tuesday to Wednesday | 20.21.05.2025 | Optional | 07.05.2025 |



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