



BBCS Release Information

March 2024

Swisscom (Schweiz) AG

Wholesale

swisscom

C1 Public



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3. WSG Interface Update
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contents



WSG Service Assurance

Extension Fiber Info

Extension of the existing "Fibre Info" with the following additional attributes for BBCS-F XGS:

OLT (Virtual Fan Port):

- Last Up Time
- Last Down Cause

ONT (Router):

- CPE Name: Vendor ID, Terminal Type and Software Version

OLT (ngFAN):

- Port status Status [up/down]
- ngFAN Last Up Time
- ngFAN Last Down Time





WSG Service Assurance

Extension Fiber Info GUI

WSG Trouble Ticket Services Help / Contact Logout ASS SystemSuperUser

Access TT

xDSL Info

Fiber Info

Rogue Alarm

Connectivity TT

Connectivity Check

UMSA/Planned Work

Transaction Overview

Admin

Documents

Reports

Alarms

Alternative Links

Fiber Info

General Information

ISP Id	777710
OTO Id	A.111.031.395
OTO Plug Number	1
Nsn	0106000004
Access Id	AC0.009.554.663
Session Type	DHCP
Access Technology Type	XGS-PON
Base Contract Element	BBCS_F (Fiber)
Access Speed Profile	1000000 down / 1000000 up
Service Contract Element	Best Effort on Fiber
Service Speed Profile	25000 down / 25000 up

Access Information

General

Gaia Id OTO	102440073
Flat Id	01.01
Flat Memo	Using data from BBCS-F Order 7777102019031100000900 0000
Installation Place	kitchen
Access Network	79UNEUNE
Central Office	-
Device Location	-

FAN

Domain	01
Name	ipd-une790-s-fh-12
Port	port 0/1/4
Rack	01
Slot Id	5
Slot Name	SFP/SFP+ 4
Connector	port 0/1/4 LC/PC
Type	SmartAX MA5800- V714i (x86) TurboE (non-iso)

Mass Outage ✔

Affected	No
----------	----

Rogue Alarm ✔

Affected	No
----------	----

OLT (Virtual Fan Port) ✔

Port Status	UP
TX Laser Bias	14.1 mA
TX Voltage	3.21 uV
TX Temp	53.2 C
Last Uptime	11. Jan. 2024 17:30:04
Last Downtime	10. Jan. 2024 13:02:04
Last Down Cause	LOSi/LOBi

OLT (ngFAN) ✔

Port Status	UP
Last Uptime	11. Jan. 2024 17:30:04
Last Downtime	10. Jan. 2024 13:02:04

ONT (Router)

ONT Serial Number	415243410C02AF5F
RX Power	-5 dBm
TX Power	-2.3 dBm
MAC Address	A4:5D:A1:EA:AB:F7
IP Address	100.77.88.150
Last Lease Time	24. Apr. 2018 03:36:00
CPE Name	Sagem Communication (SAFRAN Gr F5360, FW SG4D10001810)





WSG Service Assurance

Extension Fiber Info B2B

B2B:

- Schema: ngwsg-asr-b2b-v1.json V1 (REST)
- Methoden:
 - /rest/v1/subscriber-line/xgs-pon/fan-port-status
 - /rest/v1/subscriber-line/xgs-pon/fan-port-status/prev
- Anpassungen:
 - Objekt **XgsPonFanPortStatus** erweitert mit **lastUptime** und **lastDowntimeCause**

```
{
  "dataSetId": "string",
  "status": "UP",
  "lastDowntime": "2024-03-02T14:38:43.207Z",
  "lastUptime": "2024-03-02T14:38:43.207Z",
  "lastDowntimeCause": "LOSI/LOBI",
  "txLaserBias": {
    "value": "13.0n",
    "unit": "mA"
  },
  "txVoltage": {
    "value": 3220,
    "unit": "uV"
  },
  "txTemperature": {
    "value": "53.0n",
    "unit": "C"
  }
}
```

B2B:

- Schema: ngwsg-asr-b2b-v1.json V1 (REST)
- Methoden:
 - /rest/v1/subscriber-line/xgs-pon/ont-status
 - /rest/v1/subscriber-line/xgs-pon/ont-status/prev
- Anpassungen:
 - Objekt **XgsPonOntStatus** erweitert mit **cpeName**

```
{
  "dataSetId": "string",
  "powerRatioValues": {
    "txPower": {
      "value": -4.58,
      "unit": "dBm"
    },
    "rxPower": {
      "value": -4.58,
      "unit": "dBm"
    }
  },
  "dhcpInfo": {
    "macAddress": "6A:15:95:C6:D1:20",
    "lastLeaseTime": "2024-03-02T14:18:34.014Z",
    "ipAddress": "string"
  },
  "ontSerialNumber": "string",
  "cpeName": {
    "name": "Sagem Communication (SAFRAN Gr F5360, FW SG4D10001810)"
  }
}
```

B2B:

- Schema: ngwsg-asr-b2b-v1.json V1 (REST)
- Methoden:
 - /rest/v1/subscriber-line/xgs-pon/olt-status (neu)
 - /rest/v1/subscriber-line/xgs-pon/olt-status/prev (neu)
- Anpassungen:
 - Neue Methoden mit Objekt **XgsPonOltNgFanStatus** bestehend aus **portStatus**, **lastDowntime** und **lastUptime**

```
{
  "dataSetId": "string",
  "portStatus": "UP",
  "lastDowntime": "2024-03-02T14:49:58.684Z",
  "lastUptime": "2024-03-02T14:49:58.684Z"
}
```





WSG Service Assurance

Extension Fiber Info

The current and historical "mass outage" and "migration" events can be queried in the "Fibre Info" via GUI and B2B.

The following must be taken into account :

- Highlighted in yellow: relevant / in progress at the time of enquiry
- Highlighted in green: not yet or no longer relevant / in progress at the time of enquiry

The screenshot displays the 'WSG Trouble Ticket' interface. The 'Fiber Info' section is highlighted in yellow, indicating it is relevant or in progress. The 'Events' section shows a list of events, with some highlighted in green, indicating they are not yet or no longer relevant.

Event Type	Event Id	Event Cause	Network Element Name	Start Date	End Date	Duration (min)
Migration	MT UNTY 10000898356	CHANGE_INFO_WITHOUT_DURATION	ngPON Basic Connectivity	12. Mar. 2024 11:44:00.878	12. Mar. 2024 11:44:00.878	-
Mass Outage	MT UNTY 1000028356	-	ngPON Basic Connectivity	12. Mar. 2024 11:44:00.878	12. Mar. 2024 11:44:00.878	-
Migration	MT UNTY 10000898356	CHANGE_INFO_WITHOUT_DURATION	ngPON Basic Connectivity	12. Mar. 2024 11:44:00.878	12. Mar. 2024 11:44:00.878	-
Mass Outage	MT UNTY 1000028356	-	ngPON Basic Connectivity	12. Mar. 2024 11:44:00.878	12. Mar. 2024 11:44:00.878	-





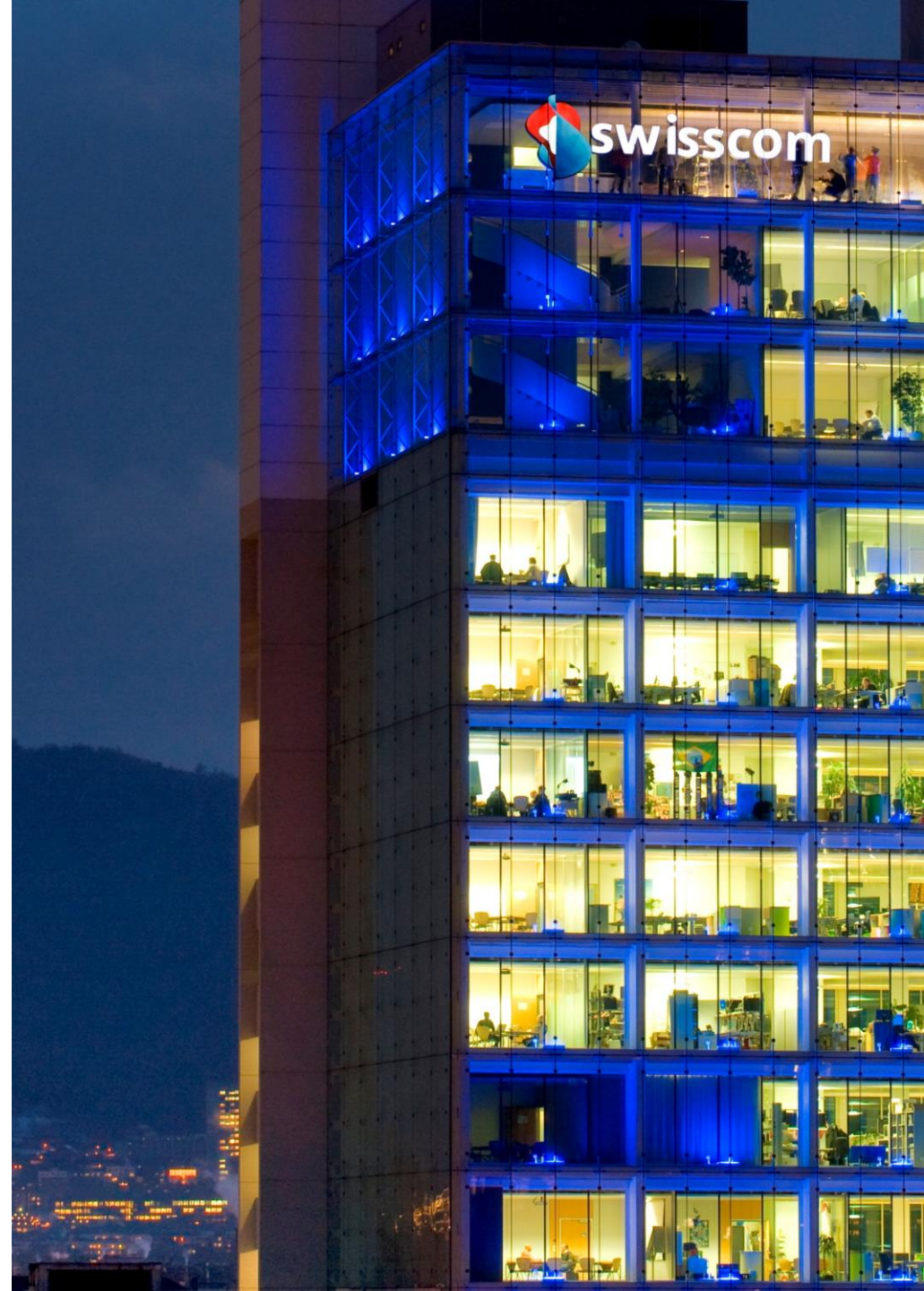
WSG

Pre-Information cloud-based Radius Server

Swisscom is currently developing a new, cloud-based Radius Server solution for BBCS.

We will inform you in detail about the changeover in spring.

Unfortunately, we are not yet able to provide you with more detailed information, as the tests are still ongoing and the results will still have an impact on the final solution.





WSG

Pre-Information Change of Interface

As part of the modernisation of WSG B2B, we are changing the B2B protocol from SOAP to a modern B2B REST architecture in the medium term.

In preparation for this step, we will start to publish the existing B2B REST documentation in the coming releases.

We will communicate about the definitive replacement at an early stage.

Documents

ISP

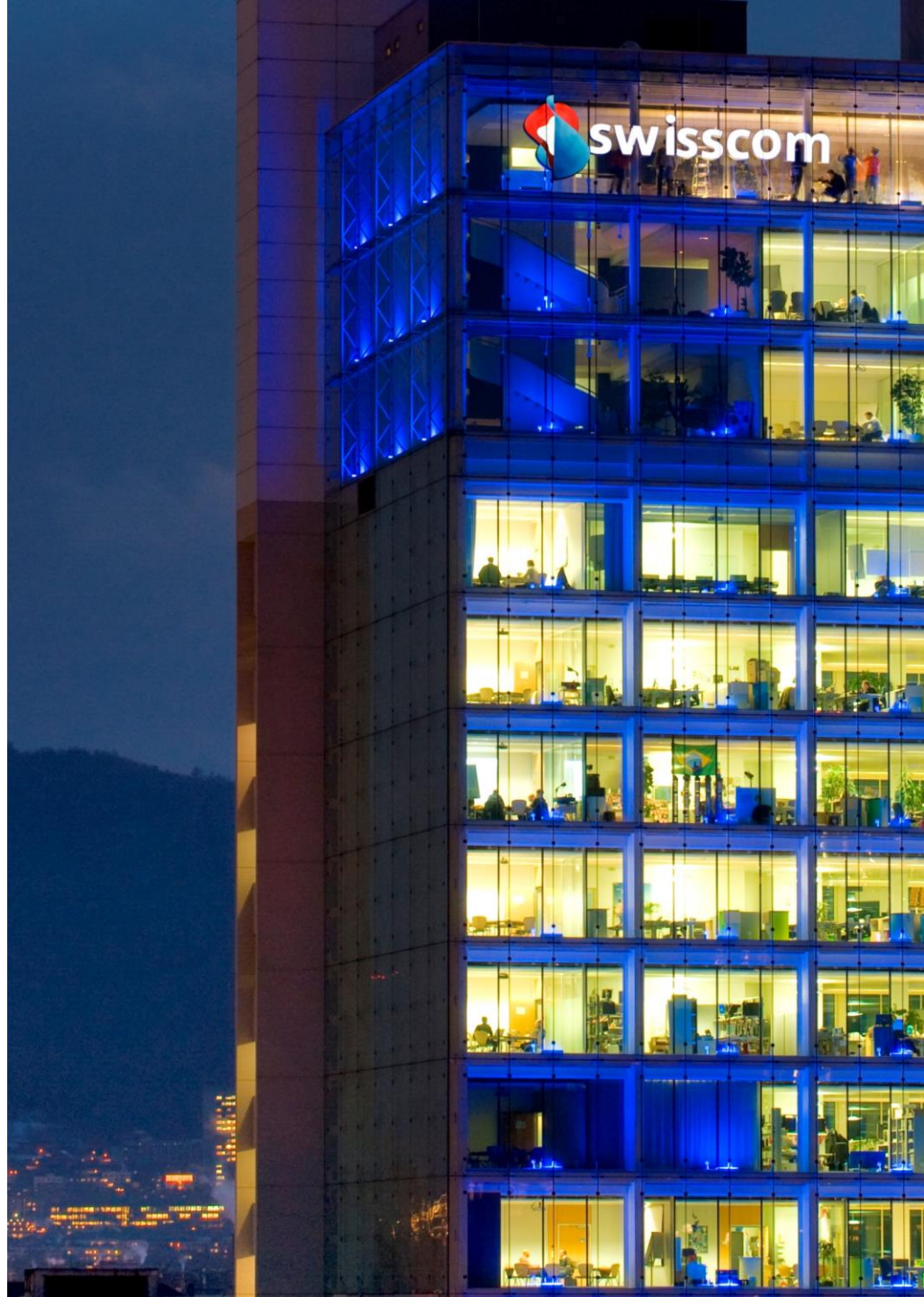
B2B_General_Functions_V28.pdf

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Internal

B2B_General_Functions_V28.pdf
B2B_General_Functions_V30.pdf
B2B_xDSL-Info_Function_V21.pdf
ISP_BBCS_Assurance_User_Manual_V68.pdf
ISP_BBCS_Assurance_User_Manual_V69.pdf
WSG_LOV_V56.pdf
WSG_LOV_V57.pdf
WSG_Messages_V127.pdf
WSG_Messages_V128.pdf
ngwsg-asr-b2b-v1.zip
wsgTt_v46.0.5.zip
wsgTt_v46.0.6.zip

Download





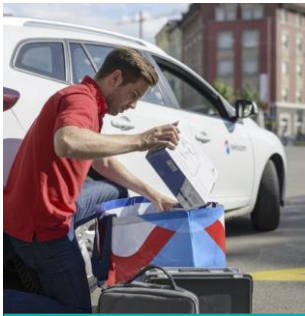
Upcoming WSG Releases

WSG release- and test system-upgrade dates

Release		Deployment	WSG XML Schema Version Upgrade	Upgrade Testsystem
mr2403	Tuesday to Wednesday	19.-20.03.2023	Optional	06.03.2024
mr2404	Tuesday to Wednesday	23.-24.04.2024	Mandatory	10.04.2024
mr2405	Tuesday to Wednesday	28.-29.05.2024	Optional	15.05.2024
mr2406	Tuesday to Wednesday	25.-26.06.2024	Optional	12.06.2024
mr2407	Tuesday to Wednesday	23.-24.07.2024	Optional	10.07.2024
mr2408	Tuesday to Wednesday	20.-21.08.2024	Optional	07.08.2024
mr2409	Tuesday to Wednesday	17.-18.09.2024	Optional	04.09.2024
mr2410	Tuesday to Wednesday	22.-23.10.2024	Optional	09.10.2024
mr2411	Tuesday to Wednesday	19.-20.11.2024	Mandatory	06.11.2024



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