

## Security Advisory Report - OBSO-1807-01

### OpenScape Business Root Access

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### Summary

OpenScape Business root and Postgres Database Server access have been disclosed.

This allows attacker to get root access to the embedded Linux OS of OpenScape Business X system and access to the database server of Open Scape Business X, S and UC Booster Server. Access to the LAN Segment and internal IP-address of OpenScape Business is required to exploit the system access.

A fix is available in OpenScape Business V2R5.1

Priority: high – immediate action required

### Details

An attacker needs the internal IP Address of OpenScape Business and access to the LAN Segment of OpenScape Business to exploit system access.

A known root access allows to establish a SSH connection via port 22 to OpenScape Business and to open a Linux console with root rights. The port 22 is disabled in OpenScape Business by factory default but it could be opened manually by system administrator for specific maintenance tasks.

A known Postgres Database Server access allows attackers to influence the OpenScape Business database. From OpenScape Business SW version V2R2 on the database password is generated system specific for each system.

### Affected SW version

OpenScape Business X SW V1.x and V2.x

OpenScape Business S and UC Booster SW V1.x and V2.x

Fix version: OpenScape Business V2R5.1

## Mitigation

The root and Postgres Database Server access of OpenScape Business is changed with SW version V2R5.1.

An open port 22 will be closed in OpenScape Business X systems by upgrading to SW version V2R5.1 automatically.

Access to the Postgres Server from PC clients within the LAN / Internet is blocked in general from V2R5.1 on.

## Affected Products

OpenScape Business X1, X3, X5 and X8 from V1.x up to V2R5.0  
OpenScape Business S from V1.x up to V2R5.0  
OpenScape Business UC Booster Server from V1.x up to V2R5.0

Fix version: OpenScape Business V2R5.1

## Recommended Actions

OpenScape Business Systems have to be updated to SW Version V2R5.1 version using the OpenScape Business SW Support.

Check that dynamic SQL password is enabled in the OpenScape Business systems after SW update or upgrade. The status of the SQL password is shown on the homepage of the Administration Portal (WBM) in case that the dynamic password is not enabled. Click to the link and activate the dynamic password.

### Important notes:

In case that a system cannot be updated immediately to V2.R5.1 the following actions are required:

- Check status of port 22. If the port 22 is open it must be closed.
- Check routers and firewalls in the LAN that the port 22 of the OpenScape Business Systems cannot be reached from the Internet / LAN.
- Check Internet router and Internet firewalls that the port 5432 of the OpenScape Business Systems cannot be reached from the Internet.

## References

### **Unify Software Supply Server:**

Via Unify Partner Portal (login required):

<https://www.unify.com/us/partners/partner-portal.aspx>

-> Support -> Service Tools -> SW Download

### **OpenScape Business SW-Release Note:**

Via Unify Partner Portal (login required):

<https://www.unify.com/us/partners/partner-portal.aspx>

-> Support-> Service Tools-> SW Download

### **OpenScape Business Administrator Manual:**

Downloadable as PDF file via the Servicecenter of the OpenScape Business Administration Portal (WBM).

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Advisory: OBSO-1807-01, status: general release

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Contact and Disclaimer

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