



SECURITY ADVISORY – Insufficient authentication resulting in information leakage on VVX products – Advisory Version 1.1

DATE PUBLISHED: June 18th, 2019

Any information in this Advisory is subject to change.

Please Note: This is a living document and may be subject to updates. The newest version of this document can be found at the following URL:

<https://support.polycom.com/content/support/security-center.html>

Vulnerability Summary

VVX products using UCS software version 5.9.2 and earlier with Better Together over Ethernet Connector (BToE) application version 3.9.1 and earlier provides insufficient authentication between the BToE application and the BToE component, resulting in leakage of sensitive information.

Products Affected

VVX products, using UCS software versions including and prior to 5.9.2 leak sensitive information due to insufficient authentication between the BToE application and the BToE component.

Solution

Products	Fix
VVX300, VVX310, VVX400, VVX410, VVX500 and VVX600	Update UCS software to version 5.9.3 or later with compatible BToE Application
VVX201, VVX301, VVX311, VVX401, VVX411, VVX501 and VVX601. VVX150, VVX250, VVX350, VVX450.	Update UCS software to version 6.0.0 or later with compatible BToE Application

<https://support.polycom.com/content/support/north-america/usa/en/support/voice/polycom-uc/polycom-uc-software-release.html>

Note:

If any of the components are not upgraded to the above mentioned version then the communication will be done using the SSH protocol. This is done to maintain a seamless upgrade during deployments, wherein the upgrade cycles for both the UCS and BToE connector applications are different.

Support for the SSH protocol will be permanently removed in a subsequent software release of both the UCS and BToE connector applications.

Recognition

We would like to thank the independent security researcher **Timon Hackenjos** from **FZI Research Center for Information Technology** for discovering this vulnerability, alerting us, and for his cooperative disclosure.

CVSS v3 Base Metrics

To assist our customers in the evaluation of this vulnerability; Polycom uses the Common Vulnerability Scoring System (CVSS). This system provides an open framework for communicating the characteristics and impacts of information technology vulnerabilities that better enable our customers to make informed decisions and assess the impact on their environment.

Base CVSS v3 Scores

CVE-2019-10689 5.9 (AV:A/AC:H/PR:N/UI:R/S:U/C:H/I:L/A:L)

For more information on CVSS v3 please see: <https://www.first.org/cvss>

Severity: Medium

Rating	Definition
Critical	A vulnerability, which, if exploited would allow malicious code to execute, potentially without a user being aware.
High	A vulnerability, which, if exploited could impact the confidentiality, integrity, or availability of data, or of the integrity or availability of resources.
Medium	A vulnerability that is limited to a significant degree by factors such as default configuration, auditing, or is difficult to exploit.
Low	A vulnerability that has minimal impact to the system and is extremely difficult to exploit.

Contact

Any customer using an affected system who is concerned about this vulnerability within their deployment should contact Polycom Technical Support – either call 1-800-POLYCOM or visit:

<https://support.polycom.com/content/support/security-center.html>

For the latest information. You might also find value in the high-level security guidance and security news located at:

<https://support.polycom.com/content/support/security-center.html>



Revision History

Revision 1.0 - Original publication: June 17th, 2019
Revision 1.1 – Updated CVE score: June 18th, 2019

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