



SECURITY ADVISORY – Vulnerabilities in Polycom Debut - Version 1.0

Security Advisory Relating to Vulnerabilities in RealPresence Debut

DATE PUBLISHED: May 10, 2018

Any information in this advisory is subject to change.

Please note: This is a living document, updated regularly until any product affected by any of the vulnerabilities in this bulletin has been repaired against that vulnerability. The newest version of this document will always reside at the following URL:

http://support.polycom.com/PolycomService/support/us/support/documentation/security_center.html

Summary of Vulnerabilities

An information disclosure vulnerability has been discovered in the web application functionality of Polycom's RealPresence Debut endpoint. This vulnerability could allow a remote attacker to gain administrator access to Debut's web UI. This vulnerability has been given a CVE ID of CVE-2018-10946.

In addition, it was discovered that the admin session cookie for Debut's web application interface is only updated when the Debut is rebooted. This vulnerability has been given a CVE ID of CVE-2018-10947.

Solution

Update RealPresence Debut's software to version 1.3.2, which contains fixes for both vulnerabilities.

Mitigations

Polycom recommends following standard best practices for Unified Communications, as detailed in our best practices paper found at:

http://support.polycom.com/global/documents/support/documentation/polycom_uc_security_best_practices_2015.pdf

Recognition

Independent security researchers, Malte Buhse and Lionne-Jeremias Stangier, alerted Polycom to these vulnerabilities. Polycom thanks Malte and Lionne for disclosing this vulnerability to us.

CVSS v3 Base Metrics:

To assist our customers in the evaluation of this vulnerability; Polycom leverages 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 Score:

6.4 – CVSS:3.0/AV:A/AC:L/PR:H/UI:N/S:U/C:H/I:L/A:H

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:

http://support.polycom.com/PolycomService/support/us/support/documentation/security_center.html

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

<http://www.polycom.com/security>

Revision History

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