



SECURITY ADVISORY – “KRACK” Vulnerability with Polycom Products – Bulletin
Version 1.2

Security Advisory Relating to the Key Reinstallation Attack or “KRACK” Vulnerability and Polycom Products

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This information applies to Polycom products and the “KRACK” vulnerability. Polycom continues to investigate the impact to our devices that support Wi-Fi and WPA/WPA2, and will release either a patch or a confirmation of non-vulnerability for the remaining product(s) as soon as possible.

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

Vulnerability Summary

Key Reinstallation Attack, aka “KRACK” - CVE-2017-13077, CVE-2017-13078, CVE-2017-13079, CVE-2017-13080, CVE-2017-13081, CVE-2017-13082, CVE-2017-13084, CVE-2017-13086, CVE-2017-13087, CVE-2017-13088

A weakness has been found in the WPA/WPA2 protocol that is frequently used to secure Wi-Fi networks. An attacker within range of the victim can exploit this weakness using the key reinstallation attack (KRACK) exploit. The vulnerability is within the WPA/WPA2 protocol and is not implementation specific.

Impact and Risk

Polycom continues to investigate all products that support Wi-Fi functionality to determine if any are vulnerable. KRACK leverages weaknesses in the WPA/WPA2 wireless protocol, so products that don't support wireless, including all infrastructure products, will not be vulnerable.

Mitigations

Polycom is continuing to investigate our products for impact. Until further determinations can be made, security-conscious customers can mitigate the potential for exploit by turning off Wi-Fi and Miracast on Polycom devices under investigation.

The Polycom Trio 8800 can be configured for wireless communication using WPA/WPA2, leaving it potentially vulnerable in this mode to KRACK. Security conscious customers can disable wireless on the unit and use it in a cabled configuration to mitigate this vulnerability until a patch is released.

Products

Group Series	Not Vulnerable
Centro	Not Vulnerable
Medialign	Not Vulnerable
RMX / Collaboration Server	Not Vulnerable
DMA	Not Vulnerable
RP Access Director	Not Vulnerable
RP Websuite	Not Vulnerable
VVX	Not Vulnerable
Trio	Potentially Vulnerable with Wi-Fi on
Debut	Not Vulnerable
RP MediaSuite	Not Vulnerable
SoundPoint IP	Not Vulnerable
SoundStation IP	Not Vulnerable
SoundStructure	Not Vulnerable
HDX	Not Vulnerable
RP Resource Manager	Not Vulnerable
Pano	Fixed in 1.1

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 Scores:

KRACK 6.8 High (AV:A/AC:L/PR:N/UI:R/S:U/C:H/I:L/A:L)

For more information on CVSS v3 please see: <https://nvd.nist.gov/vuln-metrics/cvss>

Severity: High



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 may also find value in the security guidance and security news located at:

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

Note

Effective January 1, 2014, the below applies to all Polycom security publications:

Polycom may at times issue either a **Security Advisory** or a **Security Bulletin** with regards to a particular vulnerability or set of vulnerabilities. If a **Security Advisory** is issued, this means that one more Polycom products are verified by Polycom to be affected by one or more vulnerabilities. If a **Security Bulletin** is issued, Polycom is providing its customers with information about one or more vulnerabilities that have not been found by Polycom to directly affect any Polycom products, but that may be mistakenly thought to affect Polycom products. A **Security Advisory** might also be issued when a customer’s environment might be affected, when false positives might occur from vulnerability scans, or when any other possible (but not actual) concern might exist regarding Polycom products and the vulnerability.

Revision History

Revision 1.0 – Original publication: October 16th, 2017

Revision 1.1 – Updates to product status and language changes: October 17th, 2017

Revision 1.2 – Updates to product status (Pano) and language changes: December 19th, 2017

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