



SECURITY ADVISORY – “Krack” Vulnerability with Polycom Products – Bulletin  
Version 1.0

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

DATE PUBLISHED: October 16<sup>th</sup>, 2017

This information applies to Polycom products and the “Krack” vulnerability. Polycom is investigating our products to determine if they are at risk to this vulnerability. There are no known Krack vulnerability in any Polycom system at this time.

Any information in this bulletin 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](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 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 WPA2 protocol and is not implementation specific.

### Impact and Risk

Polycom is investigating all products that support Wi-Fi functionality to determine if any are vulnerable.

## Solution

Polycom is investigating our products to determine if any are vulnerable, if any fixes are needed, and if any mitigations are available. Until further determinations can be made, security-conscious customers can mitigate the impact by turning off Wi-Fi on Polycom devices under investigation.

## 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	Investigating
Trio	Investigating
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	Not Vulnerable

## 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 Medium    (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: Medium

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

## 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 16<sup>th</sup>, 2017

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