



SECURITY ADVISORY – “KRACK” Vulnerability with Polycom Products – Bulletin
Version 1.1

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

DATE PUBLISHED: October 17th, 2017

This information applies to Polycom products and the “KRACK” vulnerability. Polycom is investigating the impact to our devices that support Wi-Fi and WPA/WPA2, and will release either a patch or a confirmation of non-vulnerability 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 is investigating 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 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 | 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 | Investigating Miracast |

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 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 16th, 2017

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

©2017, Polycom, Inc. All rights reserved.

Trademarks

POLYCOM®, the Polycom logo and all names and marks associated with Polycom and Polycom's products are trademarks and/or service marks of Polycom, Inc. and are registered and/or common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient's personal use, without the express written permission of Polycom.

Disclaimer

While Polycom uses reasonable efforts to include accurate and up-to-date information in this document, Polycom makes no warranties or representations as to its accuracy. Polycom assumes no liability or responsibility for any typographical errors, out of date information, or any errors or omissions in the content of this document. Polycom reserves the right to change or update this document at any time. Individuals are solely responsible for verifying that they have and are using the most recent Technical Bulletin.

Limitation of Liability

Polycom and/or its respective suppliers make no representations about the suitability of the information contained in this document for any purpose. Information is provided "as is" without warranty of any kind and is subject to change without notice. The entire risk arising out of its use remains with the recipient. In no event shall Polycom and/or its respective suppliers be liable for any direct, consequential, incidental, special, punitive or other damages whatsoever (including without limitation, damages for loss of business profits, business interruption, or loss of business information), even if Polycom has been advised of the possibility of such damages.