# SECURITY BULLETIN – RESOURCE MANAGER AND NETLOGON'S ELEVATION OF PRIVILEGE VULNERABILITY

Advisory Version 1.0

DATE PUBLISHED: September 24th, 2020

ANY INFORMATION IN THIS ADVISORY IS SUBJECT TO CHANGE.

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

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

## Summary

An elevation of privilege vulnerability exists in Netlogon when an attacker establishes a vulnerable Netlogon secure channel connection to a Microsoft Active Directory domain controller, using the Netlogon Remote Protocol (**MS-NRPC**). An attacker who successfully exploited the vulnerability could run a specially crafted application on a device on the network. As part of their response to this, Microsoft has disabled specific protocols which may be in use for some RPRM customers. For these customers an alternate configuration is needed to restore functionality.

For additional details please see publications from Microsoft and NVD for CVE information:

https://support.microsoft.com/en-us/help/4557222/how-to-manage-the-changes-in-netlogon-secure-channel-connections-assoc

https://nvd.nist.gov/vuln/detail/CVE-2020-1472

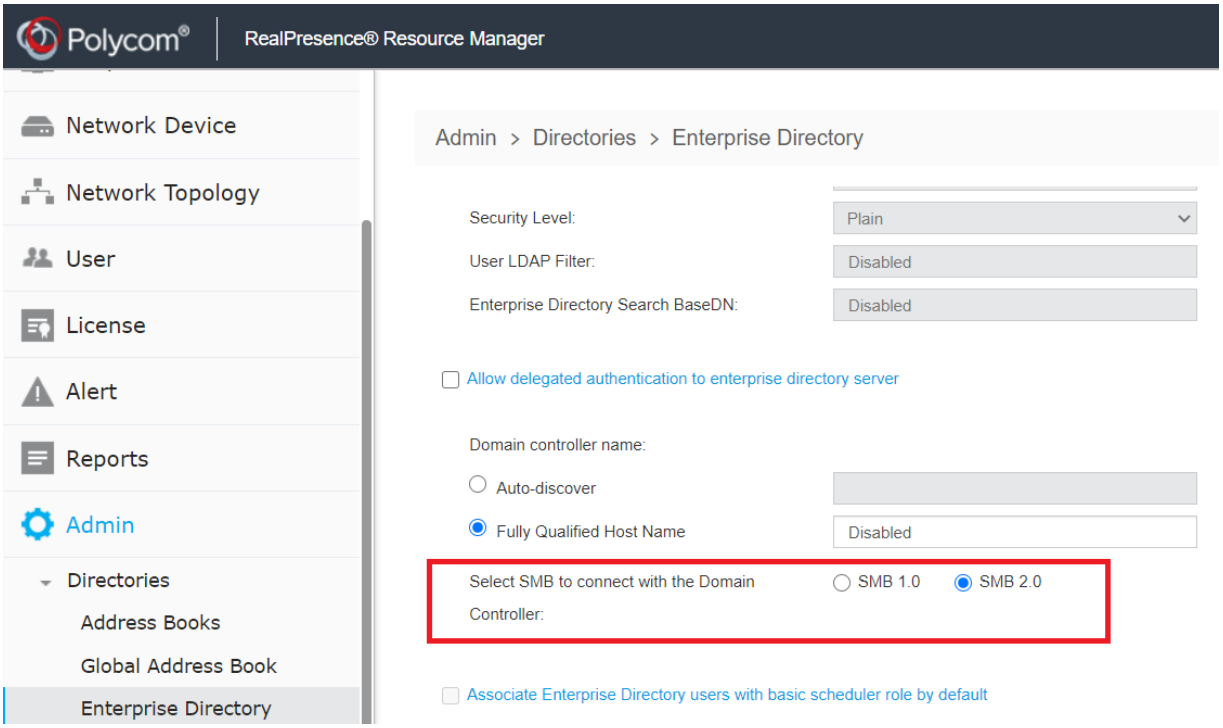
## Solution

The RealPresence Resource Manager (RPRM) will continue to work when secure Netlogon is enabled in Microsoft Active Directory domain controller. In RPRM 10.3 or higher, from the Web UI, go to:

**Admin -> Directories -> Enterprise Directory**

Set "Select SMB to connect with the Domain Controller" field to **SMB 2.0** and Click Update.

Products running version older than 10.3 will need to upgrade to 10.3 or higher in order to set RPRM to use SMB 2.0 to connect to Domain Controller.




The Poly RealPresence Resource Manager software, release notes, and other documentation for your Poly and Plantronics headsets can be found at:

**https://support.polycom.com/content/support/north-america/usa/en/support/network/management-scheduling/realpresence-resource-manager.html**

## CVSS v3 Base Metrics

To assist our customers in the evaluation of this vulnerability, Poly 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-2020-1472 CVSS 10 “Critical” CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

## 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*

Poly's Vulnerability Disclosure Policy can be found at:

**https://support.polycom.com/content/dam/polycom-support/global/documentation/product-vulnerability-disclosure-policy.pdf**

## Revision History

Revision 1.0 - Original publication: Septemeber 24th, 2020