

OPC Foundation Security Bulletin

Security Update for Local Discovery Services (LDS)

Published: July 28th, 2017

Version: 1.0

Executive Summary

This security update resolves a vulnerability in Local Discovery Services (LDS) binaries which can be downloaded from the OPC Foundation website. The vulnerability could allow authorized processes to execute if an attacker has access to the file system on a machine running the affected software.

Vendors that incorporated the LDS Merge Module included in the download into their product installers must patch their installers.

This security update is rated 4.4 (medium) using the [CVSS v3.0](#) guidelines.

The CVSS vector string is:

CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:N/I:N/A:H/E:F/RL:O/RC:C/CR:L/IR:M/AR:M/MAV:L/MAC:L/MPR:H/MUI:N/MS:U/MC:N/MI:N/MA:H

Affected Software

The following software downloads are affected.

Download	Release Date	Replacement
Local Discovery Server (LDS)		
1.02.335.1	2015-01-26	1.03.367
1.03.348	2017-03-21	
1.03.355	2017-04-25	
1.03.362	2017-05-08	

OPC Foundation Vulnerability Information

CVE-2017-11672

Vulnerabilities and Exposures list:

Vulnerability	CVE number	Publicly disclosed	Exploited
The Local Discovery Server (LDS) is installed with an unquoted service path. This could allow the execution of unauthorized executables on the target machine.	CVE-2017-11672	No	Yes

Mitigating Factors

The OPC Foundation has not identified any mitigating factors for this vulnerability.

Workarounds

The OPC Foundation has not identified any workarounds for this vulnerability.

Acknowledgments

The OPC Foundation recognizes the efforts of those in the OPC community who help us protect user by reporting issues to us.

Disclaimer

The information provided in this disclosure is provided "as is" without warranty of any kind. OPC Foundation disclaims all warranties, either express or implied, including the warranties of merchantability and fitness for a particular purpose. In no event shall OPC Foundation or its suppliers be liable for any damages whatsoever including direct, indirect, incidental, consequential, loss of business profits or special damages, even if OPC Foundation or its suppliers have been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of liability for consequential or incidental damages so the foregoing limitation may not apply.

Revisions

- V1.0 (July 28th, 2017): Bulletin published.