

Micro Focus Security Update

UCMDB Configuration Manager

Java deserialization through Apache Common Collections

Document management:

Date	Version	Change
September 22, 2017	Version 1.0	Initial release

Summary:

The following article enlists the necessary related details on the Micro Focus Product UCMDB Configuration Manager on the Java deserialization through Apache Common Collection.

Topic

UCMDB Configuration Manager will allow a remote unauthenticated user to de-serialize dangerous Java objects.

Affected Releases:

The following versions of UCMDB Configuration Manager were found vulnerable:

UCMDB CM 10.10 / 10.11

UCMDB CM 10.20 / 10.21 / 10.22 / 10.23

Response

ACTION: Review all details in instructions provided in this paper to address the vulnerability.



Micro Focus recommend addressing this information as soon as possible.

Impact on UCMDB Configuration Manager

An attacker could execute remote code and by this he could gain control of the whole machine where UCMDB Configuration Manager is running. Disclosure of sensitive data is also possible.

Mitigation Actions

Micro Focus has released the following software updates to resolve the vulnerability for the impacted versions of UCMDB Configuration Manager

Note: Micro Focus recommends installing the latest software updates, if possible. Customers unable to apply the updates should contact Micro Focus Support to discuss options.

Affected versions	Solution
UCMDB CM 10.10, 10.11	Kindly upgrade to UCMDB CM 10.22 CUP4 or later and follow steps as described in 'Appendix A' in order to mitigate the vulnerability.
UCMDB CM 10.20, 10.21, 10.22	Kindly upgrade to UCMDB CM 10.22 CUP4 or later and follow steps as described in 'Appendix A' in order to mitigate the vulnerability.
UCMDB CM 10.23	Kindly follow steps as described in 'Appendix A' in order to mitigate the vulnerability.

Appendix A

To secure Configuration Manager

1. Stop CM server
2. Go to <CM install folder>\apps and delete the ucldb-browser.war (this file is copied on reconfiguration to <CM install folder>\servers\server-0\webapps; so if removed it will not be redeployed)
3. Go to <CM install folder>\servers\server-0\webapps and delete the ucldb-browser folder and the ucldb-browser.war file.
4. Go to <CM install folder>\servers\server-0\work\Catalina\localhost and delete the ucldb-browser folder.
5. Start CM server.

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