

Security Advisory: DocuWare On-Premises V7.x: Under rare preconditions, setup could leak passwords in logfile **[DW-2022-0001.1]**

- Issue Date: 10-FEB-2022
- Updated On:
- CVE(s): -

Summary

In case of using whitespace characters (i.e. space) in passwords, during setup of DocuWare On-Premises, passwords are not omitted from being written to logfiles on local filesystem. This could potentially lead to situation when passwords are leaked to users who have access to setup and installation logs.

Password for Database, Windows service and for the DocuWare user itself can be affected (only when having whitespace characters in the password).

Impacted DocuWare products

DocuWare On-Premises V7.0 – V 7.5 using whitespace in one of the server-side passwords without latest patch (see ‘Versions with patch for this vulnerability’).

Not impacted DocuWare products

- DocuWare Cloud is not affected
- DocuWare On-Premises V 7.x with passwords without whitespace characters are not affected
- Older Versions of DocuWare On-Premises (like DocuWare V6.x) are not affected

Mitigation of affected systems

- When whitespace characters were contained in passwords during setup:
 - First step: Apply latest patch see ‘Versions with patch for this vulnerability’ for the versions 7.1 – 7.5, or upgrade V 7.0 to V 7.5
 - Second step: Change the affected passwords (to mitigate the potential leak)

Versions with patch for this vulnerability:

- V 7.1
 - DocuWare Version 7.1 Minor Update 20220125
- V 7.2
 - DocuWare Version 7.2 Minor Update 20220125
- V 7.3
 - DocuWare Version 7.3 Minor Update 20220201
- V7.4
 - DocuWare Version 7.4 Minor Update 20220203
- V 7.5
 - DocuWare Version 7.5 Minor Update 20220131

- V 7.0
 - Is affected by the vulnerability – but not patched, as the version is already out of maintenance.

General recommendations

In order to ensure best security for your passwords of the DocuWare On-Premises server:

- Generate secure and random passwords with the help of professional tools like Password managers
 - They offer to select from different character sets and the required number of characters from each set
 - Normally, whitespace characters are not used in password managers
 - They offer to securely safe the passwords used.

- Secure your server by hardening your server like:
 - Implement a strict network firewall restricting access to only necessary ports
 - Reduce the number of users having access to the DocuWare server to a minimum
 - Implement the “Principle of least privilege” for the users needing access to the server

- Keep your DocuWare server up to date (minor patches) and try to keep up with major versions too