

FRMAC ASSESSMENT WORKING GROUP UPDATE

Assessment Manual, Vol 2 (Pre-Assessed Scenarios):

Working on revising/updating 2010 version:

- 4 Scenarios completed
- 2 in final revision
- 1 in planning

Publication on hold until all scenarios are completed.

Turbo FRMAC:

- Security patch update:

On 12/14/2021 a security vulnerability in the Log4J2 open-source logging library utility was discovered. Log4J is an open-source logging library used by apps and services across the Internet. Logging is a process where applications keep a running list of activities they have performed, which can later be reviewed in case of error.

The vulnerability allows remote attackers to gain control over vulnerable targets. To perform remote code execution, an attacker only needs to send a simple malicious request that contains a formatted string. This formatted string is then picked up by the Log4J library and executed. The result is an attacker's ability to cause Log4j to connect to a service controlled by the attacker to download and execute arbitrary code (likely malicious).

The likelihood of this vulnerability being exploited in this application is very low. However, this library existed in the codebase and has been replaced with the patched version issued by Apache.

This only impacts 2021 versions of Turbo FRMAC and associated tools.

Turbo FRMAC:

- On 12/22/2021 a patch was issued removing this vulnerability.
- Current users will (or have been) prompted to download the patch upon starting the application.

Training

Due to COVID-19, all in-person training has been suspended.

- AS-50 is available in recorded form.
- Online self-study version of AS-100 is now available.
 - <https://snl.matrixlms.com/>
 - Instructions at nirp.sandia.gov under AS100 Training “FRMAC Training Portal MATRIX Login Instructions”
- Quarterly Continuing Training continues (most recent 11/16).