cms-ars-3.1-high-rsa-archer-6-security-configuration-guide-overlay

InSpec profile overlay to validate the secure configuration of RSA Archer 6, against the RSA Archer 6 Platform Security Configuration Guide tailored for CMS ARS 3.1 for CMS systems categorized as High.

Getting Started

It is intended and recommended that InSpec run this profile from a **"runner"** host (such as a DevOps orchestration server, an administrative management system, or a developer's workstation/laptop) against the target remotely over **the RSA Archer API**.

For the best security of the runner, always install on the runner the *latest version* **of InSpec and supporting Ruby language components.**

The latest versions and installation options are available at the InSpec site.

Git is required to download the latest InSpec profiles using the instructions below. Git can be downloaded from the Git site.

The following attributes must be configured in an attributes file for the profile to run correctly. More information about InSpec attributes can be found in the InSpec Profile Documentation.

```
# Base URL of the RSA Archer application (e.g., 'https://urltoarcherapp.org/')
url: ''

# Name of the RSA Archer instance (e.g., 'archerapp')
instancename: ''

# RSA Archer user domain
user_domain: ''

# REST API user with at least 'read-only' access ot 'access control' attributes on RSA Arche
username: ''

# Password of the user is pulled from the environment variable
password: <%=ENV['ARCHER_API_PASSWORD']%>

# Set to 'false' if the RSA Archer application uses self-signed certificates
ssl_verify: true`
```

The `ARCHER_API_PASSWORD` environment variable must also be set using the following command so InSpec can access the RSA Archer application through the API.

```
export ARCHER_API_PASSWORD=s3cr3tpassw0rd
```

Running This Overlay

When the **"runner"** host uses this profile overlay for the first time, follow these steps:

```
mkdir profiles
cd profiles
git clone https://github.cms.gov/ispg/cms-ars-3.1-high-rsa-archer-6-security-configuration-g
git clone https://github.com/mitre/rsa-archer-6-security-configuration-guide-baseline.git
cd cms-ars-3.1-high-rsa-archer-6-security-configuration-guide-overlay
bundle install
cd ..
inspec exec cms-ars-3.1-high-rsa-archer-6-security-configuration-guide-overlay --attrs=cms-a
```

For every successive run, follow these steps to always have the latest version of this overlay and dependent profiles:

```
cd profiles/rsa-archer-6-security-configuration-guide-baseline
git pull
cd ../cms-ars-3.1-high-rsa-archer-6-security-configuration-guide-overlay
git pull
bundle install
cd ..
inspec exec cms-ars-3.1-high-rsa-archer-6-security-configuration-guide-overlay --attrs=cms-a
```

Viewing the JSON Results

The JSON results output file can be loaded into **heimdall-lite** for a user-interactive, graphical view of the InSpec results.

The JSON InSpec results file may also be loaded into a **full heimdall server**, allowing for additional functionality such as to store and compare multiple profile runs.

Getting Help

To report a bug or feature request, please open an issue.

Authors

- Eugene Aronne
- Danny Haynes

Special Thanks

- Rony Xavier

Additional References

- RSA Archer 6 API Guide.

License

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