

## cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay

InSpec profile overlay to validate the secure configuration of MongoDB Enterprise Advanced 3 against DISA's MongoDB Enterprise Advanced 3 STIG Version 1 Release 1 tailored for CMS ARS 3.1 for CMS systems categories as Moderate.

### 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 ssh.

**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.

```
# description: MongoDB configuration file (e.g., '/etc/mongod.conf')
mongod_conf: ''
```

```
# description: List of mongodb packages used (e.g., ['mongodb-org-tools-4.0.5-1.el7.x86_64'])
mongodb_packages_used: []
```

```
# description: User to log into the mongo database (e.g., 'mongoadmin')
user: ''
```

```
# description: Password to log into the mongo database (e.g., 'mongoadmin')
password: ''
```

```
# description: List of authorized users of the admin database (e.g., ['mongodb_admin'])
admin_db_users: []
```

```
# description: List of authorized users of the admin database (e.g., ['config_admin'])
config_db_users: []
```

```
# description: List of authorized users of the admin database (e.g., ['[ { "role" : "userAdmin", "db" : "admin" } '])
myUserAdmin_allowed_role: []
```

```
# description: List of authorized users of the admin database (e.g., ['[ { "role" : "userAdmin", "db" : "admin" } '])
```

```
mongoadmin_allowed_role: []
```

```
# description: List of authorized users of the admn database (e.g., [[' { "role" : "readWrite" } ]])
appAdmin_allowed_role: []
```

```
# description: List of authorized users of the admn database (e.g., [[' { "role" : "clusterAdmin" } ]])
accountAdmin01_allowed_role: []
```

## 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.com/mitre/mongodb-enterprise-advanced-3-stig-baseline.git
git clone https://github.com/cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay
cd cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay
bundle install
cd ..
inspec exec cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay --attrs=<path_to_profile_overlay>
```

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

```
cd profiles/mongodb-enterprise-advanced-3-stig-baseline
git pull
cd ../cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay
git pull
bundle install
cd ..
inspec exec cms-ars-3.1-moderate-mongodb-enterprise-advanced-3-stig-overlay --attrs=<path_to_profile_overlay>
```

## 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.

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## **Special Thanks**

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