

cms-ars-3.1-high-microsoft-iis-8.5-server-stig-overlay

InSpec profile overlay to validate the secure configuration of Microsoft IIS 8.5 Server against DISA's Microsoft IIS 8.5 Server STIG Version 1 Release 5 tailored for CMS ARS 3.1 for CMS systems categorized as High.

Getting Started

It is intended and recommended that InSpec and this profile overlay be run 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 **winrm**.

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

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: Set to true if this system is running as a proxy server
is_proxy: false
```

```
# Description: List of fields to be included in Web Server Logging Configuration (e.g., ['Da
log_fileds: []
```

```
# Description: A list of authorized users (e.g., ['VAGRANT-IFT3JLA\vagrant'])
authorized_users: []
```

```
# Description: Minimum number of users required for server to operate (e.g., ['Administrator
minimal_local_users: []
```

```
# Description: IIS site log directory (e.g., 'C:\inetpub\logs\LogFiles')
log_directory: ''
```

```
# Description: Set to true if the file system object component is required for operations
file_system_object_component_required: false
```

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-microsoft-iis-8.5-server-stig-overlay
git clone https://github.com/mitre/microsoft-iis-8.5-server-stig-baseline.git
cd cms-ars-3.1-high-microsoft-iis-8.5-server-stig-overlay
bundle install
cd ..
inspec exec cms-ars-3.1-high-microsoft-iis-8.5-server-stig-overlay --attrs=<path_to_your_at

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

cd profiles/microsoft-iis-8.5-server-stig-baseline
git pull
cd ../cms-ars-3.1-high-microsoft-iis-8.5-server-stig-overlay
git pull
bundle install
cd ..
inspec exec cms-ars-3.1-high-microsoft-iis-8.5-server-stig-overlay --attrs=<path_to_your_at

```

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.

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Getting Help

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

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