

## 6: Applying Compliance Frameworks Using InSpec



Useful references for this module:

[https://docs.chef.io/release/compliance\\_1-0/dsl\\_compliance.html](https://docs.chef.io/release/compliance_1-0/dsl_compliance.html)

[https://docs.chef.io/inspec\\_reference.html](https://docs.chef.io/inspec_reference.html)

Slide 2

## Objectives

After completing this module, you should be able to:

- Translate CIS (Center for Internet Security) specifications into InSpec tests.
- Translate DoD (Department of Defense) specifications into InSpec tests.

## Slide 3

# CONCEPT



## CIS Compliance Frameworks


The CIS Security Benchmarks program provides well-defined, un-biased and consensus-based industry best practices to help organizations assess and improve their security.

Resources include secure configuration benchmarks, automated configuration assessment tools and content, security metrics and security software product certifications.

<https://benchmarks.cisecurity.org/>

Slide 4

# EXERCISE



## Group Lab: Compliance Frameworks - CIS Linux

*Translating a CIS benchmark into an InSpec control and Compliance profile.*

**Objective:**

- ☐ Download the benchmark PDF for the platform of your scanning target
- ☐ Implement Section 3 - Specialty Purpose Services as InSpec controls.

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## Slide 5

## GL: Downloading the CIS Benchmarks for Linux

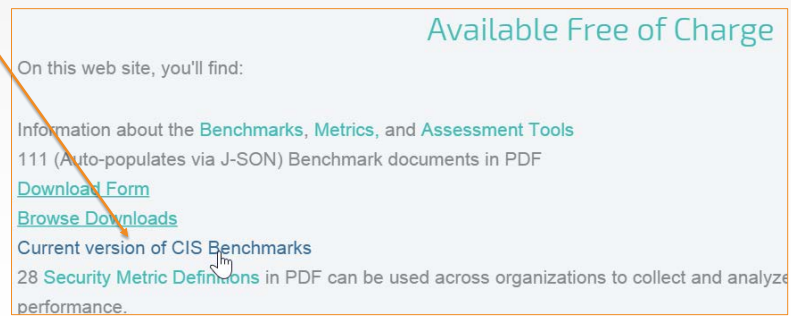
1. Go to: <https://benchmarks.cisecurity.org/>
2. Click the **Products & Services** tab.
3. Click **Benchmarks**.



## Slide 6

## GL: Downloading the CIS Benchmarks

Scroll down to the **Available Free of Charge** section and then click **Current version of CIS Benchmarks**.



Available Free of Charge

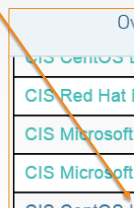
On this web site, you'll find:

Information about the [Benchmarks](#), [Metrics](#), and [Assessment Tools](#)  
111 (Auto-populates via J-SON) Benchmark documents in PDF  
[Download Form](#)  
[Browse Downloads](#)  
**Current version of CIS Benchmarks**  
28 [Security Metric Definitions](#) in PDF can be used across organizations to collect and analyze performance.

## Slide 7

## GL: Downloading the CIS Linux Benchmarks

Scroll down to the benchmark for the system you're running. In our case, click the **CIS CentOS Linux 6 Benchmark** link.



Overview	Products & Solutions	Try & Buy	Communities &
<a href="#">CIS CentOS Linux 7 Benchmark</a>		1.1.0	Thu Apr 2 18:3
<a href="#">CIS Red Hat Enterprise Linux 7 Benchmark</a>		1.1.0	Thu Apr 2 18:3
<a href="#">CIS Microsoft Exchange Server 2013 Benchmark</a>		1.1.0	Wed Mar 25 14
<a href="#">CIS Microsoft Exchange Server 2010 Benchmark</a>		1.1.0	Mon Mar 23 23
<a href="#">CIS CentOS Linux 6 Benchmark</a>		1.1.0	Mon Mar 2 21:
<a href="#">CIS Red Hat Enterprise Linux 6 Benchmark</a>		1.4.0	Mon Mar 2 21:
<a href="#">CIS Red Hat Enterprise Linux 5 Benchmark</a>		2.2.0	Mon Mar 2 21:

## Slide 8

## GL: Downloading the PDF

1. Scroll down to the bottom of the page and click **Download**.
2. On the resulting page, click the **Required Information** radio buttons.
3. Then scroll down and click the **I Agree** button.

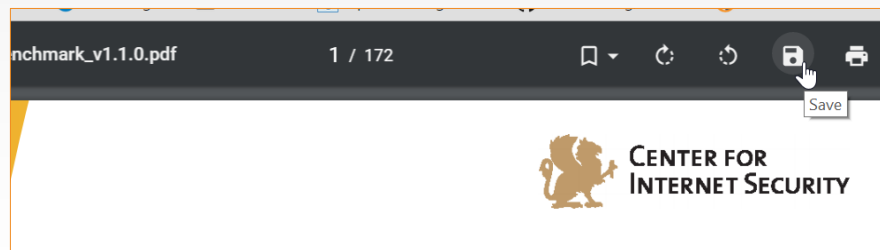
This screenshot shows a form titled 'Required Information'. It contains three questions, each with 'Yes' and 'No' radio button options. The first question is 'Are you or your employer a current CIS Member?' with 'No' selected. The second question is 'Would you like to participate in the benchmark or the security metrics consensus process?' with 'No' selected. The third question is 'Would you like information about the benefits of a CIS Membership?' with 'No' selected.This screenshot shows a text block stating: 'CIS resources are governed by [terms of use](#). By downloading, acknowledge that you have read the terms of use in their entirety and agree to be bound by them in all respects.' Below this text are two buttons: 'No Thanks!' and 'I Agree', with a cursor icon pointing to the 'I Agree' button.



## Slide 9

## GL: Downloading the CIS Benchmarks

Save the PDF to your laptop. If a Save icon is not obvious, you should be able to save the PDF by right-clicking it.



## Slide 10

## GL: CIS Benchmarks

Open the PDF and then from the Table of Contents, click the **Special Purpose Services** bookmark or otherwise go to that section.

Go to Section 3.1.

1.2 Configure Software Updates .....	25
1.3 Advanced Intrusion Detection Environment (AIDE) .....	28
1.4 Configure SELinux.....	30
1.5 Secure Boot Settings .....	35
1.6 Additional Process Hardening .....	38
2 OS Services.....	41
2.1 Remove Legacy Services.....	41
3 Special Purpose Services .....	52
4 Network Configuration and Firewalls .....	64

### 3 Special Purpose Services

This section describes services that are installed on servers that specifically need to run these services. If any of these services are not required, it is recommended that they be disabled or deleted from the system to reduce the potential attack surface.

#### 3.1 Set Daemon umask (Scored)

**Profile Applicability:**

- Level 1

## Slide 11

### Demonstration: Writing an InSpec Test for CIS Benchmark (1 of 3)

#### 3 Special Purpose Services

This section describes services that are installed on servers that specifically need to run these services. If any of these services are not required, it is recommended that they be disabled or deleted from the system to reduce the potential attack surface.

##### 3.1 Set Daemon umask (Scored)

**Profile Applicability:**

- Level 1

**Description:**

Set the default `umask` for all processes started at boot time. The settings in `umask` selectively turn off default permission when a file is created by a daemon process.


**Rationale:**

Setting the `umask` to 027 will make sure that files created by daemons will not be readable, writable or executable by any other than the group and owner of the daemon process and will not be writable by the group of the daemon process. The daemon process can manually override these settings if these files need additional permission.

```
control 'cis-3.1' do
  impact 0.7
  title 'Set Daemon umask'
  desc '
    Set the default umask for all processes started
    at boot time.
  '
  describe file('/etc/sysconfig/init') do
    its('content') {should match 'umask 027'}
  end
end
```

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The text in the example on the left can be used to create a Compliance Profile control (on the right).

In this example, you can name the control the same as the section in the CIS document: control 'cis-3.1'

The Description text from the CIS document can be used to write the `desc` section.

As you can see on that page, the *3.1 Set Daemon umask (Scored)* section says:

**Description:**

Set the default `umask` for all processes started at boot time. The settings in `umask` selectively turn off default permission when a file is created by a daemon process.

**Rationale:**

Setting the `umask` to 027 will make sure that files created by daemons will not be readable, writable or executable by any other than the group and owner of the daemon process and will not be writable by the group of the daemon process. The daemon process can manually override these settings if these files need additional permission.

## Slide 12

**Demonstration: Writing an InSpec Test for CIS Benchmark (2 of 3)****Audit:**

Perform the following to determine if the daemon `umask` is set.

```
# grep umask /etc/sysconfig/init
umask 027
```

```
control 'cis-3.1' do
  impact 0.7
  title 'Set Daemon umask'
  desc '
    Set the default umask for all processes started
    at boot time.
  '
  describe file('/etc/sysconfig/init') do
    its('content') {should match 'umask 027'}
  end
end
```

If you scrolled down in that section, you will see an Audit example.

So based on the Audit example on the left, you could write an InSpec test as shown on the right. In this way you can subsequently use this custom profile to scan nodes for umask compliance.

[https://docs.chef.io/release/compliance\\_1-0/dsl\\_compliance.html](https://docs.chef.io/release/compliance_1-0/dsl_compliance.html)

[https://docs.chef.io/inspec\\_reference.html](https://docs.chef.io/inspec_reference.html)

## Slide 13

**Demonstration: Writing an InSpec Test for CIS Benchmark (3 of 3)**

```
control 'cis-3.1' do
  impact 0.7
  title 'Set Daemon umask'
  desc '
    Set the default umask for all processes started
    at boot time.
  '
  describe file('/etc/sysconfig/init') do
    its('content') {should match 'umask 027'}
  end
end
```

After writing the test, in the workplace you should:

- Use 'inspec exec' to test the control.
- Package the custom compliance profile and upload it to your Compliance server.

After writing the test, in the workplace you should:

Use 'inspec exec' to test the control.

Package the custom compliance profile and upload it to your Compliance server.

# EXERCISE



## Group Lab: Compliance Frameworks - CIS Windows

*Translating a CIS benchmark into an InSpec control and Compliance profile.*

### Objective:

- ☐ Download the benchmark PDF for the platform of your scanning target
- ☐ Implement Section 3 - Specialty Purpose Services as InSpec controls.

## Slide 15

## GL: Downloading the CIS Benchmarks for Windows

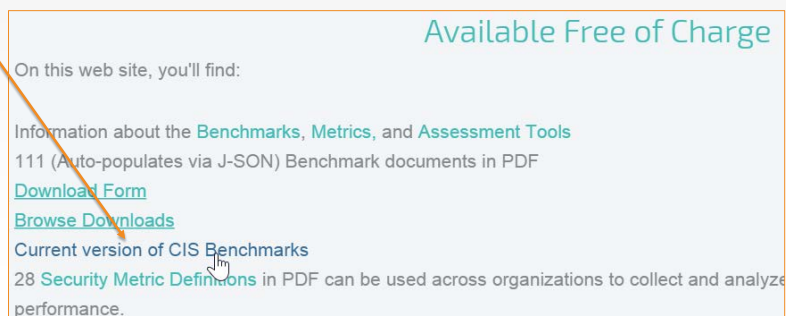
1. Go to: <https://benchmarks.cisecurity.org/>
2. Click the **Products & Services** tab.
3. Click **Benchmarks**.



## Slide 16

## GL: Downloading the CIS Benchmarks for Windows

Scroll down to the **Available Free of Charge** section and then click **Current version of CIS Benchmarks**.



Available Free of Charge

On this web site, you'll find:

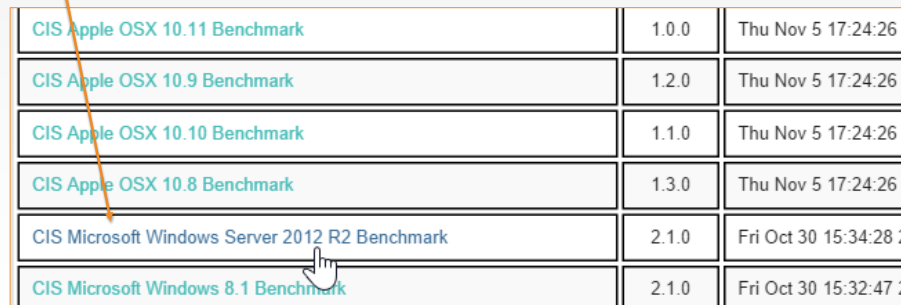
Information about the [Benchmarks](#), [Metrics](#), and [Assessment Tools](#)  
111 (Auto-populates via J-SON) Benchmark documents in PDF  
[Download Form](#)  
[Browse Downloads](#)  
**Current version of CIS Benchmarks**  
28 [Security Metric Definitions](#) in PDF can be used across organizations to collect and analyze performance.



## Slide 17

## GL: Downloading the CIS Benchmarks for Windows

Scroll down to the benchmark for the system you're running. In our case, click the **CIS Microsoft Windows Server 2012 R2 Benchmark** link.



<a href="#">CIS Apple OSX 10.11 Benchmark</a>	1.0.0	Thu Nov 5 17:24:26
<a href="#">CIS Apple OSX 10.9 Benchmark</a>	1.2.0	Thu Nov 5 17:24:26
<a href="#">CIS Apple OSX 10.10 Benchmark</a>	1.1.0	Thu Nov 5 17:24:26
<a href="#">CIS Apple OSX 10.8 Benchmark</a>	1.3.0	Thu Nov 5 17:24:26
<a href="#">CIS Microsoft Windows Server 2012 R2 Benchmark</a>	2.1.0	Fri Oct 30 15:34:28
<a href="#">CIS Microsoft Windows 8.1 Benchmark</a>	2.1.0	Fri Oct 30 15:32:47

## Slide 18

## GL: Downloading the PDF

1. Scroll down to the bottom of the page and click **Download**.
2. On the resulting page, click the **Required Information** radio buttons.
3. Then scroll down and click the **I Agree** button.

MS-ISAC	Security Benchmarks	CIS Critical Security Controls
Overview		Products & Solutions
Alan Coveil CIS RHEL Community David McMillan		
<a href="#">Download</a>		

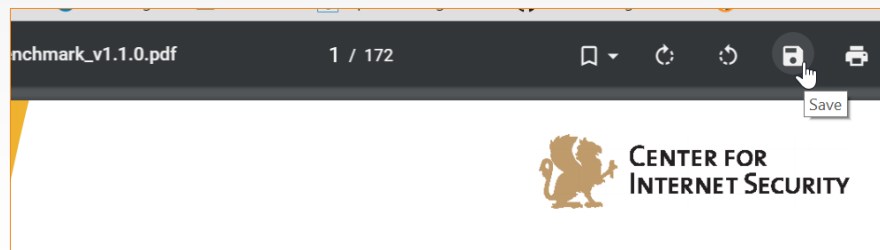
Required Information	
Are you or your employer a current CIS Member?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Would you like to participate in the benchmark or the security metrics consensus process?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Would you like information about the benefits of a CIS Membership?	<input type="radio"/> Yes <input checked="" type="radio"/> No

CIS resources are governed by [terms of use](#). By downloading, you acknowledge that you have read the terms of use in their entirety and agree to be bound by them in all respects.

## Slide 19

## GL: Downloading the CIS Benchmarks for Windows

Save the PDF to your laptop. If a Save icon is not obvious, you should be able to save the PDF by right-clicking it.



## GL: CIS Benchmarks for Windows

Implement Section 1.1 - Password Policy as InSpec controls with the profile of Level 1 - Member Server.

Use 'inspec exec' to test the control.

Package profile and upload to your Compliance server.

Recommendations.....
1 Account Policies .....
1.1 Password Policy.....
1.1.2 (L1) Set 'Maximum password age' to '60 or fewer days, but not 0' (S
1.1.3 (L1) Set 'Minimum password age' to '1 or more day(s)' (Scored) .....
1.1.4 (L1) Set 'Minimum password length' to '14 or more character(s)' (S
1.1.5 (L1) Set 'Password must meet complexity requirements' to 'Enabled

### 1.1 Password Policy

This section contains recommendations for password policy.

*1.1.1 (L1) Set 'Enforce password history' to '24 or more password(s) (Scored)*

#### Profile Applicability:

- Level 1 - Domain Controller
- Level 1 - Member Server

## Slide 21

**GL: Writing an InSpec Test for a Windows CIS Benchmark (1 of 3)****1 Account Policies**

This section contains recommendations for account policies.

**1.1 Password Policy**

This section contains recommendations for password policy.

**1.1.1 (L1) Set 'Enforce password history' to '24 or more password(s)' (Scored)****Profile Applicability:**

- Level 1 - Domain Controller
- Level 1 - Member Server

**Description:**

This policy setting determines the number of renewed, unique passwords that have to be associated with a user account before you can reuse an old password. The value for this policy setting must be between 0 and 24 passwords. The default value for Windows Vista is 0 passwords, but the default setting in a domain is 24 passwords. To maintain the effectiveness of this policy setting, use the Minimum password age setting to prevent users from repeatedly changing their password.

The recommended state for this setting is: 24 or more password(s).

```
control 'cis-enforce-password-history-1.1.1' do
  impact 0.7
  title '1.1.1 Set Enforce password history to 24 or more passwords'
  desc 'Set Enforce password history to 24 or more passwords'
  describe security_policy do
    its('PasswordHistorySize') { should be >= 24 }
  end
end
```

Scroll down to the *1.1 Password Policy* section,

The text in the example on the left can be used to create a Compliance Profile control (on the right).

In this example, you can name the control the same as the section in the CIS document: **cis-enforce-password-history-1.1.1**

The Description text from the CIS document can be used to write the `desc` section.

## Slide 22

## GL: Writing an InSpec Test for a Windows CIS Benchmark (2 of 3)

**Audit:**

Navigate to the UI Path articulated in the Remediation section and confirm it is set as prescribed.

**Remediation:**

To establish the recommended configuration via GP, set the following UI path to 24 or more password(s):

Computer Configuration\Policies\Windows Settings\Security Settings\Account Policies\Password Policy\Enforce password history

```
control 'cis-enforce-password-history-1.1.1' do
  impact 0.7

  title '1.1.1 Set Enforce password history to 24 or more passwords'

  desc 'Set Enforce password history to 24 or more passwords'

  describe security_policy do
    its('PasswordHistorySize') { should be >= 24 }
  end
end
```

If you scrolled down in that section, you will see an Audit example.

So based on the Audit example on the left, you could write an InSpec test as shown on the right. In this way you can subsequently use this custom profile to scan nodes for umask compliance.

The path shown in this example could be used if you wanted to manually navigate on the Windows node to see how password history parameter is set. However, when the Compliance Server scans the node, the Compliance server's inspec will use `cmd = inspec.command('secedit /export /cfg win_secpol.cfg')` to locate the parameter.

[https://github.com/chef/inspec/blob/master/lib/resources/security\\_policy.rb](https://github.com/chef/inspec/blob/master/lib/resources/security_policy.rb)

## Slide 23

**GL: Writing an InSpec Test for a Windows CIS Benchmark (3 of 3)**

This inspec code below shows how inspec can scan for security policy compliance by parsing `secedit /export /cfg win_secpol.cfg`.

```
# load security content
def load
  # export the security policy
  cmd = inspec.command('secedit
/export /cfg win_secpol.cfg')

  return nil if
cmd.exit_status.to_i != 0
```

```
control 'cis-enforce-password-history-1.1.1' do
  impact 0.7
  title '1.1.1 Set Enforce password history to 24 or more
passwords'
  desc 'Set Enforce password history to 24 or more
passwords'
  describe security_policy do
    its('PasswordHistorySize') { should be >= 24 }
  end
end
```

[https://github.com/chef/inspec/blob/master/lib/resources/security\\_policy.rb](https://github.com/chef/inspec/blob/master/lib/resources/security_policy.rb)

The Compliance server's inspec will parse `cmd = inspec.command('secedit /export /cfg win_secpol.cfg')` to locate the parameter.

The following URL shows the full `inspec/lib/resources/security_policy.rb` code.

[https://github.com/chef/inspec/blob/master/lib/resources/security\\_policy.rb](https://github.com/chef/inspec/blob/master/lib/resources/security_policy.rb)

## Slide 24

## GL: CIS Benchmarks for Windows

After writing such a Compliance policy, in a production environment you would use 'inspec exec' to test the control.

Then you could package the profile and upload it to your Compliance server.

```
control 'cis-enforce-password-history-1.1.1' do
  impact 0.7
  title '1.1.1 Set Enforce password history to 24 or more passwords'
  desc 'Set Enforce password history to 24 or more passwords'
  describe security_policy do
    its('PasswordHistorySize') { should be >= 24 }
  end
end
```



Slide 25

# CONCEPT



## DoD Compliance Frameworks

Department of Defense (DoD) STIGs

The Security Technical Implementation Guides (STIGs) and the NSA Guides are the configuration standards for DOD IA and IA-enabled devices/systems.

## Slide 26

# CONCEPT



## DoD Compliance Frameworks

Department of Defense (DoD) STIGs

Since 1998, DISA has played a critical role enhancing the security posture of DoD's security systems by providing the Security Technical Implementation Guides (STIGs).

The STIGs contain technical guidance to "lock down" information systems/software that might otherwise be vulnerable to a malicious computer attack.

<http://iase.disa.mil/stigs/Pages/index.aspx>

# EXERCISE



## GL: Compliance Frameworks - DoD

*Translating a CIS benchmark into an InSpec control and Compliance profile.*

### **Objective:**

- ☐ Download STIGViewer2.
- ☐ Download DoD Security Rules for RHEL 6 and Windows 2012 MS (Member Server).
- ☐ Explain how to translate the DoD Security Rule into a Chef Compliance profile control.

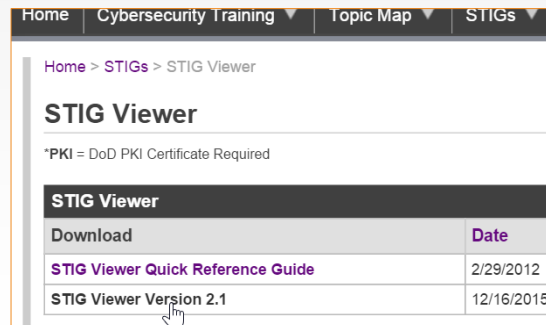
## Slide 28

## GL: Download STIGViewer2.x

From your local laptop, go to this site...

<http://iase.disa.mil/stigs/Pages/stig-viewing-guidance.aspx>

...and download the latest version of the STIG Viewer

A screenshot of a web browser showing the 'STIG Viewer' download page. The page has a navigation bar with 'Home', 'Cybersecurity Training', 'Topic Map', and 'STIGs'. Below the navigation bar, there's a breadcrumb trail 'Home > STIGs > STIG Viewer'. The main heading is 'STIG Viewer'. A note states '\*PKI = DoD PKI Certificate Required'. Below this, there's a table with two columns: 'Download' and 'Date'. The table lists two items: 'STIG Viewer Quick Reference Guide' with a date of '2/29/2012', and 'STIG Viewer Version 2.1' with a date of '12/16/2015'. A mouse cursor is pointing at the 'STIG Viewer Version 2.1' link.

STIG Viewer	
*PKI = DoD PKI Certificate Required	
Download	Date
<a href="#">STIG Viewer Quick Reference Guide</a>	2/29/2012
<a href="#">STIG Viewer Version 2.1</a>	12/16/2015

Go to this site...

<http://iase.disa.mil/stigs/Pages/stig-viewing-guidance.aspx>

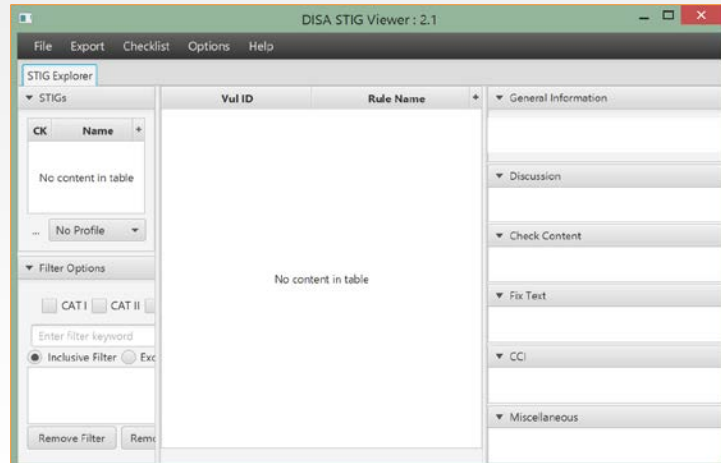
...and download the latest version of the STIG Viewer. In this example we are downloading Version 2.1.

## Slide 29

## GL: Launch STIGViewer2.x

Click the STIGViewer\_2.1 shortcut or otherwise launch the STIGViewer\_2.1 viewer.

If it doesn't launch, you may need to install the latest Java Runtime Environment (JRE) as indicated on the next slide.



Try to run the STIG Viewer. If it fails due to a Java error, you may need to install the latest Java Runtime Environment (JRE) as indicated on the next slide.

## GL: Download Java JRE if Necessary

You may need to install the latest Java Runtime Environment (JRE) if your STIG Viewer doesn't launch when clicked.

<http://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html>

Java SE Runtime Environment 8u65		
You must accept the <a href="#">Oracle Binary Code License Agreement for Java SE</a> to download this software.		
Thank you for accepting the Oracle Binary Code License Agreement for Java SE; you may now download this software.		
Product / File Description	File Size	Download
Linux x86	48.98 MB	<a href="#">jre-8u65-linux-i586.rpm</a>
Linux x86	70.46 MB	<a href="#">jre-8u65-linux-i586.tar.gz</a>
Linux x64	46.87 MB	<a href="#">jre-8u65-linux-x64.rpm</a>
Linux x64	68.38 MB	<a href="#">jre-8u65-linux-x64.tar.gz</a>
Mac OS X x64	64.23 MB	<a href="#">jre-8u65-macosx-x64.dmg</a>
Mac OS X x64	55.93 MB	<a href="#">jre-8u65-macosx-x64.tar.gz</a>
Solaris SPARC 64-bit	52.06 MB	<a href="#">jre-8u65-solaris-sparcv9.tar.gz</a>
Solaris x64	49.83 MB	<a href="#">jre-8u65-solaris-x64.tar.gz</a>
Windows x86 Online	0.56 MB	<a href="#">jre-8u65-windows-i586-iftw.exe</a>
Windows x86 Offline	47.81 MB	<a href="#">jre-8u65-windows-i586.exe</a>
Windows x86	59.28 MB	<a href="#">jre-8u65-windows-i586.tar.gz</a>
Windows x64	54.29 MB	<a href="#">jre-8u65-windows-x64.exe</a>
Windows x64	62.61 MB	<a href="#">jre-8u65-windows-x64.tar.gz</a>

## Slide 31

## GL: Download STIG Profiles for Red Hat 6

Download the STIG profiles for RHEL 6 from this site and remember the location to where you downloaded onto your laptop.

<http://iase.disa.mil/stigs/os/unix-linux/Pages/red-hat.aspx>

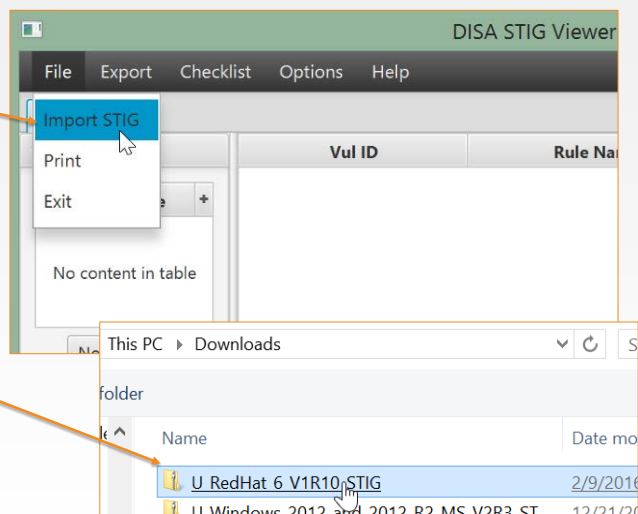
Operating Systems - Unix/Linux (Red Hat)			
*PKI = DoD PKI Certificate Required			
The SCAP benchmarks contain ONLY automated STIG content. The benchmarks do not contain STIG requirements.			
RedHat 5			
Download	Date	Size	Format
<a href="#">Red Hat 5 Manual STIG - Ver 1, Rel 13</a>	1/22/2016	470 KB	ZIP
RedHat 6			
Download	Date	Size	Format
<a href="#">Red Hat 6 STIG - Ver 1, Rel 10</a>	1/22/2016	395 KB	ZIP
<a href="#">Red Hat 6 STIG Release Memo</a>	7/23/2013	45 KB	PDF

## Slide 32

## GL: Import STIG Profiles for Red Hat 6

Click **File > Import STIG**.

Navigate to the STIG profiles file you just downloaded and click the file.

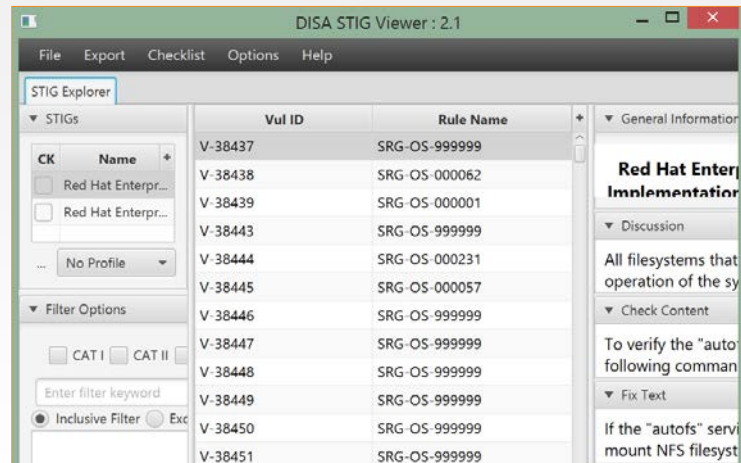




## Slide 33

## GL: STIG Profiles for Red Hat 6

Your STIG viewer should now be populated with DoD Security Rule profiles.

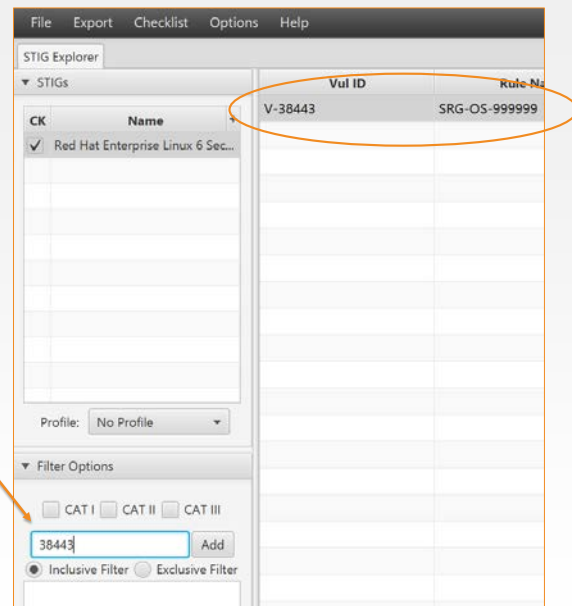


## Slide 34

## GL: Filter STIG Profiles

Type **38443** in the filter field.

Notice how the center pane now lists only one DoD Security Rule.



TBD SCAP Roadmap.

## Slide 35

## GL: Writing Compliance Profiles from DoD Rules

```
#The /etc/gshadow file must be owned by root.
#Severity: Medium
#The "/etc/gshadow" file contains group password hashes. Protection of this
#file is critical for system security.

control 'v-38443-gshadow' do
  impact 0.5
  title 'v-38443: verify gshadow is owned by root'
  describe file('/etc/gshadow') do
    it { should be_owned_by 'root' }
  end
end
```

Vul ID	Rule Name
V-38443	SRG-OS-999999

**General Information**

**Rule Title:** The /etc/gshadow file must be owned by root.

**STIG ID:** RHEL-06-000036 **Severity:** CAT II

**Discussion**

The "/etc/gshadow" file contains group password hashes. Protection of this file is critical for system security.

**Check Content**

To check the ownership of "/etc/gshadow", run the command:

```
$ ls -l /etc/gshadow
```

**Fix Text**

To properly set the owner of /etc/gshadow, run the command:

```
# chown root /etc/gshadow
```

The image on the right shows the right-side pane of the STIG viewer including the details of this DoD Security rule. This rule states that /etc/gshadow must be owned by root.

The image on the left shows a Chef Compliance Profile that was written based on the details of this DoD Security rule. Notice how the Chef Compliance Profile control name reflects the DoD Security rule name. This is a best practice that you should follow when writing Chef Compliance Profiles for DoD Security rules.

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## GL: Writing Compliance Profiles from DoD Rules

If you have permissions you can access a list of predefined DoD controls at this link:

<https://github.com/chef/compliance-profiles/tree/DOD-STIG/stig/rhel6/test>

```
#The /etc/gshadow file must be owned by
root.

#Severity: Medium

#The "/etc/gshadow" file contains group
password hashes. Protection of this
#file is critical for system security.

control 'v-38443-gshadow' do
  impact 0.5

  title 'v-38443: verify gshadow is
owned by root'

  describe file('/etc/gshadow') do
    it { should be_owned_by 'root' }
  end
end
```

## DoD STIG References

**Windows 2012** - <http://iase.disa.mil/stigs/os/windows/Pages/2012.aspx>

**Unix/Linux (Red Hat)** - <http://iase.disa.mil/stigs/os/unix-linux/Pages/red-hat.aspx>

**All Operating Systems** - <http://iase.disa.mil/stigs/os/Pages/index.aspx>

## Compliance Profiles for Compliance Premium

Chef Compliance Premium customers can download all CIS profiles in a package that can be directly uploaded to the Chef Compliance server.

In the near future, NIST Security Standards/DoD profiles will be available for Chef Compliance Premium customers in a package that can be directly uploaded to the Chef Compliance server.

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