

Level 1 Server CIS Benchmarks:

OS Version	Percent Passed
2012 Member Server	97.43
2012 Domain Controller	97.34
2016 Member Server	98.27
2016 Domain Controller	97.49
Centos 7.6.1810	95.57
RHEL 7.6 Maipo	96.84

Pics:

2012 Member Server:

```

309/329: (L1) Ensure 'Allow unencrypted traffic' is set to 'Disabled'..... Pass
310/329: (L1) Ensure 'Disallow Digest authentication' is set to 'Enabled'..... Pass
311/329: (L1) Ensure 'Allow Basic authentication' is set to 'Disabled'..... Pass
312/329: (L2) Ensure 'Allow remote server management through WinRM' is set to 'Disabled'..... Not Selected
313/329: (L1) Ensure 'Allow unencrypted traffic' is set to 'Disabled'..... Pass
314/329: (L1) Ensure 'Disallow WinRM from storing RunAs credentials' is set to 'Enabled'..... Pass
315/329: (L2) Ensure 'Allow Remote Shell Access' is set to 'Disabled'..... Not Selected
316/329: (L1) Ensure 'Configure Automatic Updates' is set to 'Enabled'..... Pass
317/329: (L1) Ensure 'Configure Automatic Updates: Scheduled install day' is set to '0 - Every day'.. Pass
318/329: (L1) Ensure 'No auto-restart with logged o...ic updates installations' is set to 'Disabled' Pass
319/329: (L1) Ensure 'Enable screen saver' is set to 'Enabled'..... Pass
320/329: (L1) Ensure 'Force specific screen saver: ...utable name' is set to 'Enabled: scrnsave.scr' Pass
321/329: (L1) Ensure 'Password protect the screen saver' is set to 'Enabled'..... Pass
322/329: (L1) Ensure 'Screen saver timeout' is set to 'Enabled: 900 seconds or fewer, but not 0'.... Pass
323/329: (L1) Ensure 'Turn off toast notifications on the lock screen' is set to 'Enabled'..... Pass
324/329: (L2) Ensure 'Turn off Help Experience Improvement Program' is set to 'Enabled'..... Not Selected
325/329: (L1) Ensure 'Do not preserve zone information in file attachments' is set to 'Disabled'.... Pass
326/329: (L1) Ensure 'Notify antivirus programs when opening attachments' is set to 'Enabled'..... Pass
327/329: (L1) Ensure 'Prevent users from sharing files within their profile.' is set to 'Enabled'... Pass
328/329: (L1) Ensure 'Always install with elevated privileges' is set to 'Disabled'..... Pass
329/329: (L2) Ensure 'Prevent Codec Download' is set to 'Enabled'..... Not Selected

```

***** Assessment Results Summary *****

```

-----
Total # of Results: 329
Total Scored Results: 272
    Total Pass: 265
    Total Fail: 7
    Total Error: 0
    Total Unknown: 0
Total Not Applicable: 0
    Total Not Checked: 1
    Total Not Selected: 56
    Total Informational: 0

```

***** Assessment Scoring *****

```

-----
Score Earned: 265.0
Maximum Available: 272.0
Total: 97.43%
-----

```

2012 Domain Controller:

```

292/329: (L1) Ensure 'Configure local setting overr...orting to Microsoft MAPS' is set to 'Disabled' Pass
293/329: (L2) Ensure 'Join Microsoft MAPS' is set to 'Disabled'..... Not Selected
294/329: (L1) Ensure 'Turn on behavior monitoring' is set to 'Enabled'..... Pass
295/329: (L2) Ensure 'Configure Watson events' is set to 'Disabled'..... Not Selected
296/329: (L1) Ensure 'Scan removable drives' is set to 'Enabled'..... Pass
297/329: (L1) Ensure 'Turn on e-mail scanning' is set to 'Enabled'..... Pass
298/329: (L1) Ensure 'Turn off Windows Defender AntiVirus' is set to 'Disabled'..... Pass
299/329: (L1) Ensure 'Configure Windows Defender Sm...' is set to 'Enabled: Warn and prevent bypass' Fail
300/329: (L1) Ensure 'Configure Default consent' is set to 'Enabled: Always ask before sending data' Pass
301/329: (L1) Ensure 'Automatically send memory dum...-generated error reports' is set to 'Disabled' Pass
302/329: (L1) Ensure 'Allow user control over installs' is set to 'Disabled'..... Pass
303/329: (L1) Ensure 'Always install with elevated privileges' is set to 'Disabled'..... Pass
304/329: (L2) Ensure 'Prevent Internet Explorer sec...indows Installer scripts' is set to 'Disabled' Not Selected
305/329: (L1) Ensure 'Sign-in last interactive user...system-initiated restart' is set to 'Disabled' Pass
306/329: (L1) Ensure 'Turn on PowerShell Script Block Logging' is set to 'Disabled'..... Pass
307/329: (L1) Ensure 'Turn on PowerShell Transcription' is set to 'Disabled'..... Pass
308/329: (L1) Ensure 'Allow Basic authentication' is set to 'Disabled'..... Pass
309/329: (L1) Ensure 'Allow unencrypted traffic' is set to 'Disabled'..... Pass
310/329: (L1) Ensure 'Disallow Digest authentication' is set to 'Enabled'..... Pass
311/329: (L1) Ensure 'Allow Basic authentication' is set to 'Disabled'..... Pass
312/329: (L2) Ensure 'Allow remote server management through WinRM' is set to 'Disabled'..... Not Selected
313/329: (L1) Ensure 'Allow unencrypted traffic' is set to 'Disabled'..... Pass
314/329: (L1) Ensure 'Disallow WinRM from storing RunAs credentials' is set to 'Enabled'..... Pass
315/329: (L2) Ensure 'Allow Remote Shell Access' is set to 'Disabled'..... Not Selected
316/329: (L1) Ensure 'Configure Automatic Updates' is set to 'Enabled'..... Pass
317/329: (L1) Ensure 'Configure Automatic Updates: Scheduled install day' is set to '0 - Every day' Pass
318/329: (L1) Ensure 'No auto-restart with logged o...ic updates installations' is set to 'Disabled' Pass
319/329: (L1) Ensure 'Enable screen saver' is set to 'Enabled'..... Pass
320/329: (L1) Ensure 'Force specific screen saver: ...utable name' is set to 'Enabled: scrnsave.scr' Pass
321/329: (L1) Ensure 'Password protect the screen saver' is set to 'Enabled'..... Pass
322/329: (L1) Ensure 'Screen saver timeout' is set to 'Enabled: 900 seconds or fewer, but not 0'.... Pass
323/329: (L1) Ensure 'Turn off toast notifications on the lock screen' is set to 'Enabled'..... Pass
324/329: (L2) Ensure 'Turn off Help Experience Improvement Program' is set to 'Enabled'..... Not Selected
325/329: (L1) Ensure 'Do not preserve zone information in file attachments' is set to 'Disabled'.... Pass
326/329: (L1) Ensure 'Notify antivirus programs when opening attachments' is set to 'Enabled'..... Pass
327/329: (L1) Ensure 'Prevent users from sharing files within their profile.' is set to 'Enabled'... Pass
328/329: (L1) Ensure 'Always install with elevated privileges' is set to 'Disabled'..... Pass
329/329: (L2) Ensure 'Prevent Codec Download' is set to 'Enabled'..... Not Selected

```

***** Assessment Results Summary *****

```

-----
Total # of Results: 329
Total Scored Results: 263
    Total Pass: 256
    Total Fail: 7
    Total Error: 0
    Total Unknown: 0
Total Not Applicable: 0
    Total Not Checked: 1
    Total Not Selected: 65
Total Informational: 0

```

***** Assessment Scoring *****

```

-----
Score Earned: 256.0
Maximum Available: 263.0
    Total: 97.34%
-----

```


2016 Member Server:

```

Administrator: Command Prompt - powershell

***** Assessment Results Summary *****
-----
Total # of Results: 371
Total Scored Results: 289
    Total Pass: 284
    Total Fail: 5
    Total Error: 0
    Total Unknown: 0
Total Not Applicable: 0
    Total Not Checked: 1
    Total Not Selected: 81
    Total Informational: 0
-----

***** Assessment Scoring *****
-----
Score Earned: 284.0
Maximum Available: 289.0
Total: 98.27%
-----

- Generating Checklist Results...

Ending Assessment - Date & Time: 07-23-2019 14:51:37
Total Assessment Time: 2 minutes
- Generating Asset Reporting Format.
- Collecting Checklist Results.
- Combining Results.
- Saving Results.
- Generating Data-Stream Collection.
- Data-Stream Collection Generated.
- Asset Reporting Format Generated.

***** Writing Assessment Results *****
- Reports saving to C:\oitadmins\Assessor-CLI-v4.0.7\Assessor-CLI\reports
-- 2016client-CIS_Microsoft_Windows_Server_2016_RTM_(Release_1607)_Benchmark-20190723T145137Z-ARF.xml
Assessment Complete for Checklist: CIS Microsoft Windows Server 2016 RTM (Release 1607) Benchmark
-----

Disconnecting Session.
Exiting.
PS C:\oitadmins\Assessor-CLI-v4.0.7\Assessor-CLI>

```

2016 Domain Controller:

```

Administrator: Windows PowerShell

364/371: (L1) Ensure 'Notify antivirus programs when opening attachments' is set to 'Enabled'..... Pass
365/371: (L1) Ensure 'Configure Windows spotlight on lock screen' is set to 'Disabled'..... Pass
366/371: (L1) Ensure 'Do not suggest third-party content in Windows spotlight' is set to 'Enabled'.. Pass
367/371: (L2) Ensure 'Do not use diagnostic data for tailored experiences' is set to 'Enabled'..... Not Selected
368/371: (L2) Ensure 'Turn off all Windows spotlight features' is set to 'Enabled'..... Not Selected
369/371: (L1) Ensure 'Prevent users from sharing files within their profile.' is set to 'Enabled'... Pass
370/371: (L1) Ensure 'Always install with elevated privileges' is set to 'Disabled'..... Pass
371/371: (L2) Ensure 'Prevent Codec Download' is set to 'Enabled'..... Not Selected

***** Assessment Results Summary *****
-----
Total # of Results: 371
Total Scored Results: 279
    Total Pass: 272
    Total Fail: 7
    Total Error: 0
    Total Unknown: 0
Total Not Applicable: 0
    Total Not Checked: 1
    Total Not Selected: 91
    Total Informational: 0
-----

***** Assessment Scoring *****
-----
Score Earned: 272.0
Maximum Available: 279.0
Total: 97.49%
-----

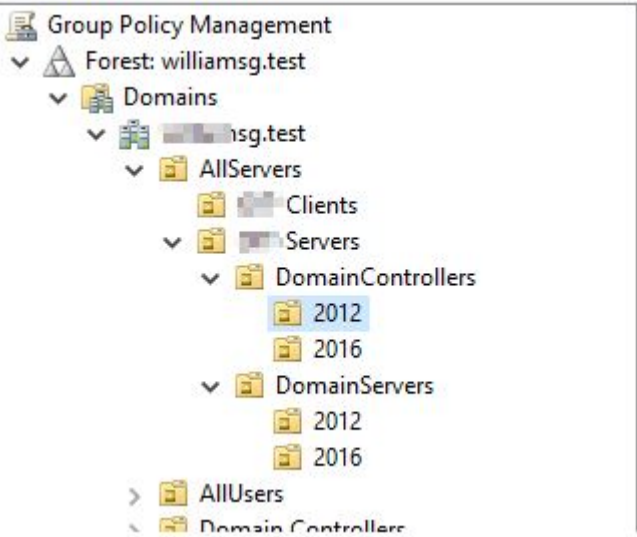
- Generating Checklist Results...

Ending Assessment - Date & Time: 07-23-2019 14:50:56
Total Assessment Time: 1 minute
- Generating Asset Reporting Format.
- Collecting Checklist Results.
- Combining Results.
- Saving Results.

```

Group Policy on the primary Domain Controller (2016dc):

2016 Domain Controller:



Results from `gpresult /scope computer /h c:\scripts\computer.html`:

Group Policy Results

WILLIAMSG/2016DC
Data collected on: 7/23/2019 2:53:53 PM

Summary

During last **computer policy** refresh on 7/23/2019 2:49:01 PM

No Errors Detected

A fast link was detected [More information...](#)

No data available.

Computer Details

General

Computer name

WILLIAMSG/2016DC

Domain

williamsg.test

Site

Default-First-Site-Name

Organizational Unit

williamsg.test/AllServers/OIT-Servers/DomainControllers/2016

Security Group Membership

[show](#)

Component Status

Component Name	Status	Time Taken	Last Process Time
Group Policy Infrastructure	Success	20 Millisecond(s)	7/23/2019 2:49:01 PM

Settings

No settings defined.

Group Policy Objects

Applied GPOs

Denied GPOs

Local Group Policy [LocalGPO]

Link Location

Local

Extensions Configured

No

Enforced

None

Disabled

Security Filters

Revision

AD (0), SYSVOL (0)

WMI Filter

Reason Denied

Empty

WMI Filters

Results from `gpresult /scope user /h c:\scripts\user.html`:

Group Policy Results


WILLIAMSGjerry

Data collected on: 7/23/2019 2:54:07 PM

Summary

No data available.

During last **user policy** refresh on 7/23/2019 2:47:00 PM



No Errors Detected

A fast link was detected [More information...](#)

Computer Details

No data available.

User Details

General

User name

Domain

Organizational Unit

Security Group Membership

WILLIAMSGjerry

williamsg.test

williamsg.test/AllUsers/DomainAdmins

[show](#)

Component Status

Component Name	Status	Time Taken	Last Process Time	Event Log
Group Policy Infrastructure	Success	47 Millisecond(s)	7/23/2019 2:47:00 PM	View Log

Settings

No settings defined.

Group Policy Objects

Applied GPOs

Denied GPOs

Local Group Policy [LocalGPO]

Link Location

Extensions Configured

Enforced

Disabled

Security Filters

Revision

WMI Filter

Reason Denied

Local

No

None

AD (0), SYSVOL (0)

Empty

WMI Filters

Name	Value	Reference GPO(s)
None		

Centos 7:

```

admin x 2012client x 2012dc x 2016client x 2016dc x puppet x pfsense x rhel7client x centos7client x
root@centos7client:/home/germy/a
<1> root@puppet:/et... <2> root@centos7cli...
219/223: Ensure all groups in /etc/passwd exist in /etc/group..... Pass
220/223: Ensure no duplicate UIDs exist..... Pass
221/223: Ensure no duplicate GIDs exist..... Pass
222/223: Ensure no duplicate user names exist..... Pass
223/223: Ensure no duplicate group names exist..... Pass

-----
**** Assessment Results Summary ****
-----
Total # of Results: 223
Total Scored Results: 158
    Total Pass: 151
    Total Fail: 7
    Total Error: 0
    Total Unknown: 0
Total Not Applicable: 0
    Total Not Checked: 16
    Total Not Selected: 36
    Total Informational: 13
-----
**** Assessment Scoring ****
-----
Score Earned: 151.0
Maximum Available: 158.0
Total: 95.57%
-----

- Generating Checklist Results...

Ending Assessment - Date & Time: 07-25-2019 15:13:52
Total Assessment Time: 1 minute
- Generating Asset Reporting Format.
- Collecting Checklist Results.
- Combining Results.
- Saving Results.
- Generating Data-Stream Collection.
- Data-Stream Collection Generated.
- Asset Reporting Format Generated.

**** Writing Assessment Results ****
- Reports saving to /home/germy/a/reports
-- centos7client.williamsg.test-CIS_CentOS_Linux_7_Benchmark-20190725T151352Z-ARF.xml
Assessment Complete for Checklist: CIS CentOS Linux 7 Benchmark
-----
Disconnecting Session.
Exiting.
[root@centos7client a]#

```


RHEL 7:

```

202/225: Ensure no world writable files exist..... Pass
203/225: Ensure no unowned files or directories exist..... Pass
204/225: Ensure no ungrouped files or directories exist..... Pass
205/225: Audit SUID executables..... Not Checked
206/225: Audit SGID executables..... Not Checked
207/225: Ensure password fields are not empty..... Pass
208/225: Ensure no legacy "+" entries exist in /etc/passwd..... Pass
209/225: Ensure no legacy "+" entries exist in /etc/shadow..... Pass
210/225: Ensure no legacy "+" entries exist in /etc/group..... Pass
211/225: Ensure root is the only UID 0 account..... Pass
212/225: Ensure root PATH Integrity..... Pass
213/225: Ensure all users' home directories exist..... Pass
214/225: Ensure users' home directories permissions are 750 or more restrictive..... Pass
215/225: Ensure users own their home directories..... Pass
216/225: Ensure users' dot files are not group or world writable..... Pass
217/225: Ensure no users have .forward files..... Pass
218/225: Ensure no users have .netrc files..... Pass
219/225: Ensure users' .netrc Files are not group or world accessible..... Pass
220/225: Ensure no users have .rhosts files..... Pass
221/225: Ensure all groups in /etc/passwd exist in /etc/group..... Pass
222/225: Ensure no duplicate UIDs exist..... Pass
223/225: Ensure no duplicate GIDs exist..... Pass
224/225: Ensure no duplicate user names exist..... Pass
225/225: Ensure no duplicate group names exist..... Pass

```

 ***** Assessment Results Summary *****

```

    Total # of Results: 225
  Total Scored Results: 158
        Total Pass: 153
        Total Fail: 5
        Total Error: 0
        Total Unknown: 0
  Total Not Applicable: 0
        Total Not Checked: 17
        Total Not Selected: 37
        Total Informational: 13

```

 ***** Assessment Scoring *****

```

    Score Earned: 153.0
  Maximum Available: 158.0
        Total: 96.84%

```

- Generating Checklist Results...

Ending Assessment - Date & Time: 07-29-2019 08:40:46

Total Assessment Time: 33 seconds

```

- Generating Asset Reporting Format.
- Collecting Checklist Results.
- Combining Results.
- Saving Results.
- Generating Data-Stream Collection.
- Data-Stream Collection Generated.
- Asset Reporting Format Generated.

```

***** Writing Assessment Results *****

```

- Reports saving to /home/gerry/Assessor-CLI-v4.0.7/Assessor-CLI/reports
-- williamsg-rhel7.uta.edu-CIS_Red_Hat_Enterprise_Linux_7_Benchmark-20190729T084046Z-ARF.xml
Assessment Complete for Checklist: CIS Red Hat Enterprise Linux 7 Benchmark

```

 Disconnecting Session.

Exiting.

[root@williamsg-rhel7 Assessor-CLI]# cat /etc/redhat-release

Red Hat Enterprise Linux Server release 7.6 (Maipo)

[root@williamsg-rhel7 Assessor-CLI]#