

Compare CIS benchmark vs Windows Baseline with Ansible Playbooks

Saleh Miri

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Total: 465 items
Not changed: 172
Skipped: 58
Changed: 220
Error: 15

PLAY [harden] *****

TASK [Section01] *****

TASK [section01 : 1.1.1 | PATCH | Ensure Enforce password history is set to 24 or more passwords]

ok: [template]

TASK [section01 : 1.1.2 | PATCH | Ensure Maximum password age is set to 365 or fewer days but not 0]

changed: [template]

TASK [section01 : 1.1.3 | PATCH | Ensure Minimum password age is set to 1 or more days]

changed: [template]

TASK [section01 : 1.1.4 | PATCH | Ensure Minimum password length is set to 14 or more characters]

ok: [template]

TASK [section01 : 1.1.5 | PATCH | Ensure Password must meet complexity requirements is set to Enabled]

ok: [template]

TASK [section01 : 1.1.6 | PATCH | Ensure Relax minimum password length limits is set to enabled]

changed: [template]

TASK [section01 : 1.1.7 | PATCH | Ensure Store passwords using reversible encryption is set to Disabled]

ok: [template]

TASK [section01 : 1.2.2 | PATCH | Ensure Account lockout threshold is set to 5 or fewer invalid logon attempts but not 0]

changed: [template]

TASK [section01 : 1.2.1 | AUDIT | Ensure Account lockout duration is set to 15 or more minutes]

ok: [template]

TASK [section01 : 1.2.3 | PATCH | Ensure Reset account lockout counter after is set to 15 or more minutes]

ok: [template]

TASK [Section02]

TASK [section02 : 2.2.1 | PATCH | Ensure Access Credential Manager as a trusted caller is set to No One]

ok: [template]

TASK [section02 : 2.2.2 | PATCH | Ensure 'Access this computer from the network' is set to 'Administrators, Authenticated Users, ENTERPRISE DOMAIN CONTROLLERS' (DC only)] ***

skipping: [template]

TASK [section02 : 2.2.3 | PATCH | Ensure 'Access this computer from the network' is set to 'Administrators, Authenticated Users' (MS only)] ***

ok: [template]

TASK [section02 : 2.2.4 | PATCH | Ensure Act as part of the operating system is set to No One]

ok: [template]

TASK [section02 : 2.2.5 | PATCH | Ensure Add workstations to domain is set to Administrators DC only]

skipping: [template]

TASK [section02 : 2.2.6 | PATCH | Ensure Adjust memory quotas for a process is set to Administrators LOCAL SERVICE NETWORK SERVICE] ***

ok: [template]

TASK [section02 : 2.2.7 | PATCH | Ensure Allow log on locally is set to Administrators]

changed: [template]

TASK [section02 : 2.2.8 | PATCH | Ensure Allow log on through Remote Desktop Services is set to Administrators DC only] ** *

skipping: [template]

TASK [section02 : 2.2.9 | PATCH | Ensure 'Allow log on through Remote Desktop Services' is set to 'Administrators, Remote Desktop Users' (MS only)] ***

changed: [template]

TASK [section02 : 2.2.10 | PATCH | Ensure Back up files and directories is set to Administrators]

ok: [template]

TASK [section02 : 2.2.11 | PATCH | Ensure Change the system time is set to Administrators LOCAL SERVICE]

ok: [template]

TASK [section02 : 2.2.12 | PATCH | Ensure Change the time zone is set to Administrators LOCAL SERVICE]

ok: [template]

TASK [section02 : 2.2.13 | PATCH | Ensure Create a pagefile is set to Administrators]

ok: [template]

TASK [section02 : 2.2.14 | PATCH | Ensure Create a token object is set to No One]

ok: [template]

TASK [section02 : 2.2.15 | PATCH | Ensure Create global objects is set to Administrators LOCAL SERVICE NETWORK SERVICE SER VICE] ***

ok: [template]

TASK [section02 : 2.2.16 | PATCH | Ensure Create permanent shared objects is set to No One]

ok: [template]

TASK [section02 : 2.2.17 | PATCH | Ensure Create symbolic links is set to Administrators DC only]

skipping: [template]

TASK [section02 : 2.2.18 | PATCH | (L1 Ensure Create symbolic links is set to Administrators NT VIRTUAL MACHINEVirtual Mac hines MS only | No Hyper-v] ***

ok: [template]

TASK [section02 : 2.2.18 | PATCH | Ensure Create symbolic links is set to Administrators NT VIRTUAL MACHINEVirtual Machine s MS only | With Hyper-v] ***

skipping: [template]

TASK [section02 : 2.2.19 | PATCH | Ensure Debug programs is set to Administrators]

ok: [template]

TASK [section02 : 2.2.20 | PATCH | Ensure Deny access to this computer from the network to include Guests DC only]

skipping: [template]

TASK [section02 : 2.2.21 | PATCH | Ensure Deny access to this computer from the network to include Guests Local account an d member of Administrators group MS only] ***

skipping: [template]

TASK [section02 : 2.2.22 | PATCH | Ensure Deny log on as a batch job to include Guests]

changed: [template]

TASK [section02 : 2.2.23 | PATCH | Ensure Deny log on as a service to include Guests]

changed: [template]

TASK [section02 : 2.2.24 | PATCH | Ensure Deny log on locally to include Guests]

changed: [template]

TASK [section02 : 2.2.25 | PATCH | Ensure Deny log on through Remote Desktop Services to include Guests DC only]

skipping: [template]

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```
TASK [section02 : 2.2.26 | PATCH | Ensure Deny log on through Remote Desktop Services is set to Guests Local account
MS on ly] ***
skipping: [template]

TASK [section02 : 2.2.27 | PATCH | Ensure Enable computer and user accounts to be trusted for delegation is set to
Adminis trators DC only] ***
skipping: [template]

TASK [section02 : 2.2.28 | PATCH | Ensure Enable computer and user accounts to be trusted for delegation is set to No
One MS only] ***
skipping: [template]

TASK [section02 : 2.2.29 | PATCH | Ensure Force shutdown from a remote system is set to Administrators]
*****
ok: [template]

TASK [section02 : 2.2.30 | PATCH | Ensure Generate security audits is set to LOCAL SERVICE NETWORK SERVICE]
*****
ok: [template]

TASK [section02 : 2.2.31 | PATCH | Ensure Impersonate a client after authentication is set to Administrators LOCAL
SERVICE NETWORK SERVICE SERVICE DC only] ***
skipping: [template]

TASK [section02 : 2.2.32 | PATCH | Ensure Impersonate a client after authentication is set to Administrators LOCAL
SERVICE NETWORK SERVICE SERVICE and when the Web Server IIS Role with Web Services Role
Service is installed IIS IUSRS MS only] * **
skipping: [template]

TASK [section02 : 2.2.33 | PATCH | Ensure Increase scheduling priority is set to Administrators Window ManagerWindow
Manag er Group] ***
fatal: [template]: FAILED! => {"msg": "The task includes an option with an undefined variable. The error was:
'win22cis_in crease_scheduling_priority_users' is undefined.
'win22cis_increase_scheduling_priority_users' is undefined\n\nThe error ap pears to be in
'/etc/ansible/roles/section02/tasks/main.yml': line 428, column 3, but may\nbe elsewhere in the file depend
ing on the exact syntax problem.\n\nThe offending line appears to be:\n\n\n- name: \"2.2.33 | PATCH | Ensure Increase
sche duling priority is set to Administrators Window ManagerWindow Manager Group\"\n  ^
here\n"}
...ignoring
```

```
TASK [section02 : 2.2.34 | PATCH | Ensure Load and unload device drivers is set to Administrators]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.35 | PATCH | Ensure Lock pages in memory is set to No One]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.36 | PATCH | Ensure Log on as a batch job is set to Administrators DC Only]
*****
```

```
skipping: [template]
```

```
TASK [section02 : 2.2.37 | PATCH | Ensure Manage auditing and security log is set to Administrators and when Exchange
is running in the environment Exchange Servers DC only , and 2.2.38 | PATCH | Ensure Manage
auditing and security log is set to Administrators MS only] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.2.39 | PATCH | Ensure Modify an object label is set to No One]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.40 | PATCH | Ensure Modify firmware environment values is set to Administrators]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.41 | PATCH | Ensure Perform volume maintenance tasks is set to Administrators]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.42 | PATCH | Ensure Profile single process is set to Administrators]
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.2.43 | PATCH | Ensure Profile system performance is set to Administrators NT
SERVICEWdiServiceHost] **
```

```
ok: [template]
```

```
TASK [section02 : 2.2.44 | PATCH | Ensure Replace a process level token is set to LOCAL SERVICE NETWORK SERVICE]
```

ok: [template]

TASK [section02 : 2.2.45 | PATCH | Ensure Restore files and directories is set to Administrators]

ok: [template]

TASK [section02 : 2.2.46 | PATCH | Ensure Shut down the system is set to Administrators]

changed: [template]

TASK [section02 : 2.2.47 | PATCH | Ensure Synchronize directory service data is set to No One DC only]

skipping: [template]

TASK [section02 : 2.2.48 | PATCH | Ensure Take ownership of files or other objects is set to Administrators]

ok: [template]

TASK [section02 : 2.3.1.1 | PATCH | Ensure Accounts Administrator account status is set to Disabled MS only]

changed: [template]

TASK [section02 : 2.3.1.2 | PATCH | Ensure Accounts Block Microsoft accounts is set to Users cant add or log on with Micro soft accounts] ***

changed: [template]

TASK [section02 : 2.3.1.3 | PATCH | Ensure Accounts Guest account status is set to Disabled MS only]

ok: [template]

TASK [section02 : 2.3.1.4 | PATCH | Ensure Accounts Limit local account use of blank passwords to console logon only is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.1.5 | PATCH | Configure Accounts Rename administrator account]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined."}

```
'win_skip_for_test' is undefined\n\nThe error appears to be in  
'/etc/ansible/roles/section02/tasks/main.yml': line 648, column 3, but may\nbe elsewhere in the file  
depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n- name: \"2.3.1.5 | PATCH |  
Configure Accounts Rename administrator account\"\n  ^ here\n}\n...ignoring
```

```
TASK [section02 : 2.3.1.6 | PATCH | Configure Accounts Rename guest account]
```

```
*****
```

```
changed: [template]
```

```
TASK [section02 : 2.3.2.1 | PATCH | Ensure Audit Force audit policy subcategory settings Windows Vista or later to  
override audit policy category settings is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.2.2 | PATCH | Ensure Audit Shut down system immediately if unable to log security audits is set  
to Disabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.4.1 | PATCH | Ensure Devices Allowed to format and eject removable media is set to  
Administrators] *
```

```
changed: [template]
```

```
TASK [section02 : 2.3.4.2 | PATCH | Ensure Devices Prevent users from installing printer drivers is set to Enabled]  
*****
```

```
ok: [template]
```

```
TASK [section02 : 2.3.5.1 | PATCH | Ensure Domain controller Allow server operators to schedule tasks is set to  
Disabled Domain Controller only] ***
```

```
skipping: [template]
```

```
TASK [section02 : 2.3.5.2 | PATCH | Ensure 'Domain controller: Allow vulnerable Netlogon secure channel connections'  
is set to 'Not Configured' (DC Only)] ***
```

```
skipping: [template]
```

```
TASK [section02 : 2.3.5.3 | PATCH | Ensure Domain controller LDAP server channel binding token requirements is set to  
Always DC only] ***
```

```
skipping: [template]
```

```
TASK [section02 : 2.3.5.4 | PATCH | Ensure Domain controller LDAP server signing requirements is set to Require
```



```
signing DC                                only] ***
skipping: [template]
```

```
TASK [section02 : 2.3.5.5 | PATCH | Ensure Domain controller Refuse machine account password changes is set to
Disabled DC                                only] ***
skipping: [template]
```

```
TASK [section02 : 2.3.6.1 | PATCH | Ensure Domain member Digitally encrypt or sign secure channel data always is set
to En                                     abled] ***
ok: [template]
```

```
TASK [section02 : 2.3.6.2 | PATCH | Ensure Domain member Digitally encrypt secure channel data when possible is set
to Ena                                     bled] ***
ok: [template]
```

```
TASK [section02 : 2.3.6.3 | PATCH | Ensure Domain member Digitally sign secure channel data when possible is set to
Enable                                     d] ***
ok: [template]
```

```
TASK [section02 : 2.3.6.4 | PATCH | Ensure Domain member Disable machine account password changes is set to Disabled]
****
ok: [template]
```

```
TASK [section02 : 2.3.6.5 | PATCH | Ensure Domain member Maximum machine account password age is set to 30 or fewer
days b                                     ut not 0] ***
ok: [template]
```

```
TASK [section02 : 2.3.6.6 | PATCH | Ensure Domain member Require strong Windows 2000 or later session key is set to
Enable                                     d] ***
ok: [template]
```

```
TASK [section02 : 2.3.7.1 | PATCH | Ensure Interactive logon Do not require CTRLALTDDEL is set to Disabled]
*****
ok: [template]
```

```
TASK [section02 : 2.3.7.2 | PATCH | Ensure Interactive logon Dont display last signed-in is set to Enabled]
*****
changed: [template]
```

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```
TASK [section02 : 2.3.7.3 | PATCH | Ensure Interactive logon Machine inactivity limit is set to 900 or fewer seconds but not 0] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.7.4 | PATCH | Configure Interactive logon Message text for users attempting to log on]
```

```
*****
```

```
fatal: [template]: FAILED! => {"msg": "The task includes an option with an undefined variable. The error was: 'win22cis_legalnotice_text' is undefined. 'win22cis_legalnotice_text' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section02/tasks/main.yml': line 905, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n- name: \"2.3.7.4 | PATCH | Configure Interactive logon Message text for users attempting to log on\"\n  ^ here\n"}
...ignoring
```

```
TASK [section02 : 2.3.7.5 | PATCH | Configure Interactive logon Message title for users attempting to log on]
```

```
*****
```

```
fatal: [template]: FAILED! => {"msg": "The task includes an option with an undefined variable. The error was: 'win22cis_legalnotice_caption' is undefined. 'win22cis_legalnotice_caption' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section02/tasks/main.yml': line 917, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n- name: \"2.3.7.5 | PATCH | Configure Interactive logon Message title for users attempting to log on\"\n  ^ here\n"}
...ignoring
```

```
TASK [section02 : 2.3.7.6 | PATCH | Ensure Interactive logon Number of previous logons to cache in case domain controller is not available is set to 4 or fewer logons MS only] ***
```

```
changed: [template]
```

```
TASK [section02 : 2.3.7.7 | PATCH | Ensure Interactive logon Prompt user to change password before expiration is set to be between 5 and 14 days] ***
```

```
changed: [template]
```

```
TASK [section02 : 2.3.7.8 | PATCH | Ensure Interactive logon Require Domain Controller Authentication to unlock workstation is set to Enabled MS only] ***
```

```
skipping: [template]
```

```
TASK [section02 : 2.3.7.9 | PATCH | Ensure Interactive logon Smart card removal behavior is set to Lock Workstation or higher] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.8.1 | PATCH | Ensure Microsoft network client Digitally sign communications always is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.8.2 | PATCH | Ensure Microsoft network client Digitally sign communications if server agrees is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.8.3 | PATCH | Ensure Microsoft network client Send unencrypted password to third-party SMB servers is set to Disabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.9.1 | PATCH | Ensure Microsoft network server Amount of idle time required before suspending session is set to 15 or fewer minutes] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.9.2 | PATCH | Ensure Microsoft network server Digitally sign communications always is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.9.3 | PATCH | Ensure Microsoft network server Digitally sign communications if client agrees is set to Enabled] ***
```

```
changed: [template]
```

```
TASK [section02 : 2.3.9.4 | PATCH | Ensure Microsoft network server Disconnect clients when logon hours expire is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.9.5 | PATCH | Ensure Microsoft network server Server SPN target name validation level is set to Accept if provided by client or higher MS only] ***
```

```
skipping: [template]
```

```
TASK [section02 : 2.3.10.1 | PATCH | Ensure Network access Allow anonymous SIDName translation is set to Disabled] *****
```

```
ok: [template]
```

```
TASK [section02 : 2.3.10.2 | PATCH | Ensure Network access Do not allow anonymous enumeration of SAM accounts is set to Enabled MS only] ***
```

skipping: [template]

TASK [section02 : 2.3.10.3 | PATCH | Ensure Network access Do not allow anonymous enumeration of SAM accounts and shares i
s set to Enabled MS only] ***

skipping: [template]

TASK [section02 : 2.3.10.4 | PATCH | Ensure Network access Do not allow storage of passwords and credentials for network a
uthentication is set to Enabled] ***

changed: [template]

TASK [section02 : 2.3.10.5 | PATCH | Ensure Network access Let Everyone permissions apply to anonymous users is set to Dis
abled] ***

ok: [template]

TASK [section02 : 2.3.10.6 | PATCH | Configure Network access Named Pipes that can be accessed anonymously DC only]

skipping: [template]

TASK [section02 : 2.3.10.7 | PATCH | Configure Network access Named Pipes that can be accessed anonymously MS only]

skipping: [template]

TASK [section02 : 2.3.10.8 | PATCH | Configure Network access Remotely accessible registry paths is configured]

ok: [template]

TASK [section02 : 2.3.10.9 | PATCH | Configure Network access Remotely accessible registry paths and sub-paths is configur
ed] ***

changed: [template]

TASK [section02 : 2.3.10.10 | PATCH | Ensure Network access Restrict anonymous access to Named Pipes and Shares is set to
Enabled] ***

ok: [template]

TASK [section02 : 2.3.10.11 | PATCH | Ensure Network access Restrict clients allowed to make remote calls to SAM is set to
Administrators Remote Access Allow MS only] ***

skipping: [template]

TASK [section02 : 2.3.10.12 | PATCH | Ensure Network access Shares that can be accessed anonymously is set to None]

changed: [template]

TASK [section02 : 2.3.10.13 | PATCH | Ensure Network access Sharing and security model for local accounts is set to Classic - local users authenticate as themselves] ***

ok: [template]

TASK [section02 : 2.3.11.1 | PATCH | Ensure Network security Allow Local System to use computer identity for NTLM is set to Enabled] ***

changed: [template]

TASK [section02 : 2.3.11.2 | PATCH | Ensure Network security Allow LocalSystem NULL session fallback is set to Disabled] **

ok: [template]

TASK [section02 : 2.3.11.3 | PATCH | Ensure Network Security Allow PKU2U authentication requests to this computer to use online identities is set to Disabled] ***

changed: [template]

TASK [section02 : 2.3.11.4 | PATCH | Ensure Network security Configure encryption types allowed for Kerberos is set to AES128 HMAC SHA1 AES256 HMAC SHA1 Future encryption types] ***

changed: [template]

TASK [section02 : 2.3.11.5 | PATCH | Ensure Network security Do not store LAN Manager hash value on next password change is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.11.6 | PATCH | Ensure Network security Force logoff when logon hours expire is set to Enabled] *****

ok: [template]

TASK [section02 : 2.3.11.7 | PATCH | Ensure Network security LAN Manager authentication level is set to Send NTLMv2 response only. Refuse LM NTLM] ***

ok: [template]

TASK [section02 : 2.3.11.8 | PATCH | Ensure Network security LDAP client signing requirements is set to Negotiate signing or higher] ***

ok: [template]

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TASK [section02 : 2.3.11.9 | PATCH | Ensure Network security Minimum session security for NTLM SSP based including secure RPC clients is set to Require NTLMv2 session security Require 128-bit encryption] ***

ok: [template]

TASK [section02 : 2.3.11.10 | PATCH | Ensure Network security Minimum session security for NTLM SSP based including secure RPC servers is set to Require NTLMv2 session security Require 128-bit encryption] ***

ok: [template]

TASK [section02 : 2.3.13.1 | PATCH | Ensure Shutdown Allow system to be shut down without having to log on is set to Disabled] ***

ok: [template]

TASK [section02 : 2.3.15.1 | PATCH | Ensure System objects Require case insensitivity for non-Windows subsystems is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.15.2 | PATCH | Ensure System objects Strengthen default permissions of internal system objects e.g. Symbolic Links is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.17.1 | PATCH | Ensure User Account Control Admin Approval Mode for the Built-in Administrator account is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.17.2 | PATCH | Ensure User Account Control Behavior of the elevation prompt for administrators in Admin Approval Mode is set to Prompt for consent on the secure desktop] ***

ok: [template]

TASK [section02 : 2.3.17.3 | PATCH | Ensure User Account Control Behavior of the elevation prompt for standard users is set to Automatically deny elevation requests] ***

ok: [template]

TASK [section02 : 2.3.17.4 | PATCH | Ensure User Account Control Detect application installations and prompt for elevation is set to Enabled] ***

ok: [template]

TASK [section02 : 2.3.17.5 | PATCH | Ensure User Account Control Only elevate UIAccess applications that are installed in secure locations is set to Enabled] ***

ok: [template]

```
TASK [section02 : 2.3.17.6 | PATCH | Ensure User Account Control Run all administrators in Admin Approval Mode is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.17.7 | PATCH | Ensure User Account Control Switch to the secure desktop when prompting for elevation] ***
```

```
ok: [template]
```

```
TASK [section02 : 2.3.17.8 | PATCH | Ensure User Account Control Virtualize file and registry write failures to per-user locations is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [Section05]
```

```
*****
```

```
TASK [section05 : 5.1 | PATCH | Ensure 'Print Spooler (Spooler)' is set to 'Disabled' (DC only) and 5.2 | PATCH | Ensure 'Print Spooler (Spooler)' is set to 'Disabled' ( MS only)] ***
```

```
changed: [template]
```

```
TASK [Section09]
```

```
*****
```

```
TASK [section09 : 9.1.1 | PATCH | Ensure 'Windows Firewall: Domain: Firewall state' is set to 'On (recommended)'] *****
```

```
ok: [template]
```

```
TASK [section09 : 9.1.2 | PATCH | Ensure 'Windows Firewall: Domain: Inbound connections' is set to 'Block (default)'] *****
```

```
ok: [template]
```

```
TASK [section09 : 9.1.3 | PATCH | Ensure 'Windows Firewall: Domain: Outbound connections' is set to 'Allow (default)'] ***
```

```
ok: [template]
```

```
TASK [section09 : 9.1.4 | PATCH | Ensure 'Windows Firewall: Domain: Settings: Display a notification' is set to 'No'] *****
```

```
changed: [template]
```

```
TASK [section09 : 9.1.5 | PATCH | Ensure 'Windows Firewall: Domain: Logging: Name' is set to
'%SystemRoot%/System32/logfiles/firewall/domainfw.log'] ***
```

changed: [template]

```
TASK [section09 : 9.1.6 | PATCH | Ensure 'Windows Firewall: Domain: Logging: Size limit (KB)' is set to '16,384 KB or
greater'] ***
```

changed: [template]

```
TASK [section09 : 9.1.7 | PATCH | Ensure 'Windows Firewall: Domain: Logging: Log dropped packets' is set to 'Yes']
*****
```

changed: [template]

```
TASK [section09 : 9.1.8 | PATCH | Ensure 'Windows Firewall: Domain: Logging: Log successful connections' is set to
'Yes'] ***
```

changed: [template]

```
TASK [section09 : 9.2.1 | PATCH | Ensure 'Windows Firewall: Private: Firewall state' is set to 'On (recommended)']
*****
```

ok: [template]

```
TASK [section09 : 9.2.2 | PATCH | Ensure 'Windows Firewall: Private: Inbound connections' is set to 'Block
(default)'] ***
```

ok: [template]

```
TASK [section09 : 9.2.3 | PATCH | Ensure 'Windows Firewall: Private: Outbound connections' is set to 'Allow
(default)'] **
```

ok: [template]

```
TASK [section09 : 9.2.4 | PATCH | Ensure 'Windows Firewall: Private: Settings: Display a notification' is set to
'No'] ***
```

changed: [template]

```
TASK [section09 : 9.2.5 | PATCH | Ensure 'Windows Firewall: Private: Logging: Name' is set to
'%SystemRoot%/System32/logfiles/firewall/privatefw.log'] ***
```

changed: [template]

```
TASK [section09 : 9.2.6 | PATCH | Ensure 'Windows Firewall: Private: Logging: Size limit (KB)' is set to '16,384 KB
or greater'] ***
```

changed: [template]


```
TASK [section09 : 9.2.7 | PATCH | Ensure 'Windows Firewall: Private: Logging: Log dropped packets' is set to 'Yes']
*****
```

```
changed: [template]
```

```
TASK [section09 : 9.2.8 | PATCH | Ensure 'Windows Firewall: Private: Logging: Log successful connections' is set to
'Yes']]
***
```

```
changed: [template]
```

```
TASK [section09 : 9.3.1 | PATCH | Ensure 'Windows Firewall: Public: Firewall state' is set to 'On (recommended)']
*****
```

```
ok: [template]
```

```
TASK [section09 : 9.3.2 | PATCH | Ensure 'Windows Firewall: Public: Inbound connections' is set to 'Block (default)']
****
```

```
ok: [template]
```

```
TASK [section09 : 9.3.3 | PATCH | Ensure 'Windows Firewall: Public: Outbound connections' is set to 'Allow
(default)']]
***
```

```
ok: [template]
```

```
TASK [section09 : 9.3.4 | PATCH | Ensure 'Windows Firewall: Public: Settings: Display a notification' is set to 'No']
****
```

```
changed: [template]
```

```
TASK [section09 : 9.3.5 | PATCH | Ensure 'Windows Firewall: Public: Settings: Apply local firewall rules' is set to
'No']]
***
```

```
fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error
while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined.
'win_skip_for_test' is undefined\n\nThe error appears to be in
'/etc/ansible/roles/section09/tasks/main.yml': line 247, column 3, but may\nbe elsewhere in the file
depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n- name: \"9.3.5 | PATCH | Ensure
'Windows Firewall: Public: Settings: Apply local firewall rules' is set to 'No'\"\n  ^
here\nThis one looks easy to fix. It seems that there is a value started\nwith a quote, and
the YAML parser is expecting to see the line ended\nwith the same kind of quote. For
instance:\n\n  when: \"ok\" in result.stdout\n\nCould be written as:\n\n  when: '\"ok\" in result.stdout'\n
\nOr equivalently:\n\n  when: \"'ok' in result.stdout\"\\n\"}
...ignoring
```

```
TASK [section09 : 9.3.6 | PATCH | Ensure 'Windows Firewall: Public: Settings: Apply local connection security rules'
is set to 'No'] ***
```

changed: [template]

```
TASK [section09 : 9.3.7 | PATCH | Ensure 'Windows Firewall: Public: Logging: Name' is set to
'%SystemRoot%/System32/logfiles/firewall/publicfw.log'] ***
```

changed: [template]

```
TASK [section09 : 9.3.8 | PATCH | Ensure 'Windows Firewall: Public: Logging: Size limit (KB)' is set to '16,384 KB or
greater'] ***
```

changed: [template]

```
TASK [section09 : 9.3.9 | PATCH | Ensure 'Windows Firewall: Public: Logging: Log dropped packets' is set to 'Yes']
*****
```

changed: [template]

```
TASK [section09 : 9.3.10 | PATCH | Ensure 'Windows Firewall: Public: Logging: Log successful connections' is set to
'Yes'] ***
```

changed: [template]

```
TASK [Section17]
```

```
TASK [section17 : 17.1.1 | PATCH | Ensure Audit Credential Validation is set to Success and Failure]
```

skipping: [template]

```
TASK [section17 : 17.1.2 | PATCH | Ensure 'Audit Kerberos Authentication Service' is set to 'Success and Failure' DC
Only] ***
```

skipping: [template]

```
TASK [section17 : 17.1.3 | PATCH | Ensure 'Audit Kerberos Service Ticket Operations' is set to 'Success and Failure'
DC Only] ***
```

skipping: [template]

```
TASK [section17 : 17.2.1 | PATCH | Ensure Audit Application Group Management is set to Success and Failure]
```

skipping: [template]

```
TASK [section17 : 17.2.2 | AUDIT | Ensure Audit Computer Account Management is set to include Success DC only | Gather existing settings] ***
fatal: [template]: FAILED! => {"msg": "The conditional check 'rule_17_2_2' failed. The error was: error while evaluating conditional (rule_17_2_2): 'rule_17_2_2' is undefined. 'rule_17_2_2' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section17/tasks/main.yml': line 55, column 9, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n  block:\n    - name: \"17.2.2 | AUDIT | Ensure Audit Computer Account Management is set to include Success DC only | Gather existing settings\"\n      ^ here\n"}
...ignoring
```

```
TASK [section17 : 17.2.2 | PATCH | Ensure Audit Computer Account Management is set to include Success DC only | Set success if needed] ***
fatal: [template]: FAILED! => {"msg": "The conditional check 'rule_17_2_2' failed. The error was: error while evaluating conditional (rule_17_2_2): 'rule_17_2_2' is undefined. 'rule_17_2_2' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section17/tasks/main.yml': line 61, column 9, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n  - name: \"17.2.2 | PATCH | Ensure Audit Computer Account Management is set to include Success DC only | Set success if needed\"\n      ^ here\n"}
...ignoring
```

```
TASK [section17 : 17.2.3 | AUDIT | Ensure Audit Distribution Group Management is set to include Success DC only | Gather existing settings] ***
fatal: [template]: FAILED! => {"msg": "The conditional check 'rule_17_2_3' failed. The error was: error while evaluating conditional (rule_17_2_3): 'rule_17_2_3' is undefined. 'rule_17_2_3' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section17/tasks/main.yml': line 75, column 9, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n  block:\n    - name: \"17.2.3 | AUDIT | Ensure Audit Distribution Group Management is set to include Success DC only | Gather existing settings\"\n      ^ here\n"}
...ignoring
```

```
TASK [section17 : 17.2.3 | PATCH | Ensure Audit Distribution Group Management is set to include Success DC only | Set success if needed] ***
fatal: [template]: FAILED! => {"msg": "The conditional check 'rule_17_2_3' failed. The error was: error while evaluating conditional (rule_17_2_3): 'rule_17_2_3' is undefined. 'rule_17_2_3' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section17/tasks/main.yml': line 81, column 9, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n  - name: \"17.2.3 | PATCH | Ensure Audit Distribution Group Management is set to include Success DC only | Set success if needed\"\n      ^ here\n"}
...ignoring
```

```
TASK [section17 : 17.2.4 | AUDIT | Ensure Audit Other Account Management Events is set to include Success DC only | Gather existing settings] ***
```

```
skipping: [template]
```

```
TASK [section17 : 17.2.4 | PATCH | Ensure Audit Other Account Management Events is set to include Success DC only | Set success if needed] ***
```

```
skipping: [template]
```

```
TASK [section17 : 17.2.5 | AUDIT | Ensure Audit Security Group Management is set to include Success | Gather existing settings] ***
```

```
ok: [template]
```

```
TASK [section17 : 17.2.5 | PATCH | Ensure Audit Security Group Management is set to include Success | Set success if needed] ***
```

```
skipping: [template]
```

```
TASK [section17 : 17.2.6 | PATCH | Ensure Audit User Account Management is set to Success and Failure]
```

```
*****
```

```
ok: [template]
```

```
TASK [section17 : 17.3.1 | AUDIT | Ensure Audit PNP Activity is set to include Success | Gather existing settings]
```

```
*****
```

```
ok: [template]
```

```
TASK [section17 : 17.3.1 | PATCH | Ensure Audit PNP Activity is set to include Success | Set success if needed]
```

```
*****
```

```
skipping: [template]
```

```
TASK [section17 : 17.3.2 | AUDIT | Ensure Audit Process Creation is set to include Success | Gather existing settings] ***
```

```
ok: [template]
```

```
TASK [section17 : 17.3.2 | PATCH | Ensure Audit Process Creation is set to include Success | Set success if needed]
```

```
*****
```

```
skipping: [template]
```

```
TASK [section17 : 17.4.1 | AUDIT | Ensure Audit Directory Service Access is set to include Failure DC only | Gather existing settings] ***
```

skipping: [template]

TASK [section17 : 17.4.1 | PATCH | Ensure Audit Directory Service Access is set to include Failure DC only | Set failure if needed] ***

skipping: [template]

TASK [section17 : 17.4.2 | AUDIT | Ensure Audit Directory Service Changes is set to include Success DC only | Gather existing settings] ***

skipping: [template]

TASK [section17 : 17.4.2 | PATCH | Ensure Audit Directory Service Changes is set to include Success DC only | Set success if needed] ***

skipping: [template]

TASK [section17 : 17.5.1 | AUDIT | Ensure Audit Account Lockout is set to include Failure | Gather existing settings] ****

ok: [template]

TASK [section17 : 17.5.1 | PATCH | Ensure Audit Account Lockout is set to include Failure | Set failure if needed] *****

skipping: [template]

TASK [section17 : 17.5.2 | AUDIT | Ensure Audit Group Membership is set to include Success | Gather existing settings] ***

ok: [template]

TASK [section17 : 17.5.2 | PATCH | Ensure Audit Group Membership is set to include Success | Set success if needed] *****

skipping: [template]

TASK [section17 : 17.5.3 | AUDIT | Ensure Audit Logoff is set to include Success | Gather existing settings] *****

ok: [template]

TASK [section17 : 17.5.3 | PATCH | Ensure Audit Logoff is set to include Success | Set success if needed] *****

changed: [template]

TASK [section17 : 17.5.4 | PATCH | Ensure Audit Logon is set to Success and Failure]

ok: [template]

TASK [section17 : 17.5.5 | PATCH | Ensure Audit Other LogonLogoff Events is set to Success and Failure]

ok: [template]

TASK [section17 : 17.5.6 | AUDIT | Ensure Audit Special Logon is set to include Success | Gather existing settings]

ok: [template]

TASK [section17 : 17.5.6 | PATCH | Ensure Audit Special Logon is set to include Success | Set success if needed]

skipping: [template]

TASK [section17 : 17.6.1 | AUDIT | Ensure Audit Detailed File Share is set to include Failure | Gather existing settings]

ok: [template]

TASK [section17 : 17.6.1 | PATCH | Ensure Audit Detailed File Share is set to include Failure | Set failure if needed]

skipping: [template]

TASK [section17 : 17.6.2 | PATCH | Ensure Audit File Share is set to Success and Failure]

ok: [template]

TASK [section17 : 17.6.3 | PATCH | Ensure Audit Other Object Access Events is set to Success and Failure]

ok: [template]

TASK [section17 : 17.6.4 | PATCH | Ensure Audit Removable Storage is set to Success and Failure]

ok: [template]

TASK [section17 : 17.7.1 | AUDIT | Ensure Audit Audit Policy Change is set to include Success | Gather existing settings]

ok: [template]

```
TASK [section17 : 17.7.1 | PATCH | Ensure Audit Audit Policy Change is set to include Success | Set success if
needed] ***
skipping: [template]
```

```
TASK [section17 : 17.7.2 | AUDIT | Ensure Audit Authentication Policy Change is set to include Success | Gather
existing s          ettings] ***
ok: [template]
```

```
TASK [section17 : 17.7.2 | PATCH | Ensure Audit Authentication Policy Change is set to include Success | Set success
if ne          eded] ***
skipping: [template]
```

```
TASK [section17 : 17.7.3 | AUDIT | Ensure Audit Authorization Policy Change is set to include Success | Gather
existing se          ttings] ***
ok: [template]
```

```
TASK [section17 : 17.7.3 | PATCH | Ensure Audit Authorization Policy Change is set to include Success | Set success
if ne          ded] ***
changed: [template]
```

```
TASK [section17 : 17.7.4 | PATCH | Ensure Audit MPSSVC Rule-Level Policy Change is set to Success and Failure]
*****
ok: [template]
```

```
TASK [section17 : 17.7.5 | AUDIT | Ensure Audit Other Policy Change Events is set to include Failure | Gather
existing set          tings] ***
ok: [template]
```

```
TASK [section17 : 17.7.5 | PATCH | Ensure Audit Other Policy Change Events is set to include Failure | Set failure if
need          ed] ***
skipping: [template]
```

```
TASK [section17 : 17.8.1 | PATCH | Ensure Audit Sensitive Privilege Use is set to Success and Failure]
*****
ok: [template]
```

```
TASK [section17 : 17.9.1 | PATCH | Ensure Audit IPsec Driver is set to Success and Failure]
*****
changed: [template]
```

```
TASK [section17 : 17.9.2 | PATCH | Ensure Audit Other System Events is set to Success and Failure]
```

```
*****
```

```
ok: [template]
```

```
TASK [section17 : 17.9.3 | AUDIT | Ensure Audit Security State Change is set to include Success | Gather existing settings] ***
```

```
ok: [template]
```

```
TASK [section17 : 17.9.3 | PATCH | Ensure Audit Security State Change is set to include Success | Set success if needed] * **
```

```
skipping: [template]
```

```
TASK [section17 : 17.9.4 | AUDIT | Ensure Audit Security System Extension is set to include Success | Gather existing settings] ***
```

```
ok: [template]
```

```
TASK [section17 : 17.9.4 | PATCH | Ensure Audit Security System Extension is set to include Success | Set success if needed] ***
```

```
skipping: [template]
```

```
TASK [section17 : 17.9.5 | PATCH | Ensure Audit System Integrity is set to Success and Failure]
```

```
*****
```

```
ok: [template]
```

```
TASK [Section19]
```

```
*****
```

```
TASK [section19 : 19.1.3.1 | PATCH | Ensure Enable screen saver is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.1.3.1 | PATCH | Ensure Enable screen saver is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.1.3.2 | PATCH | Ensure Password protect the screen saver is set to Enabled]
```

```
*****
```

```
changed: [template]
```



```
TASK [section19 : 19.1.3.2 | PATCH | Ensure Password protect the screen saver is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.1.3.3 | PATCH | Ensure Screen saver timeout is set to Enabled 900 seconds or fewer but not 0]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.1.3.3 | PATCH | Ensure Screen saver timeout is set to Enabled 900 seconds or fewer but not 0]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.5.1.1 | PATCH | Ensure Turn off toast notifications on the lock screen is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.5.1.1 | PATCH | Ensure Turn off toast notifications on the lock screen is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.6.6.1.1 | PATCH | Ensure Turn off Help Experience Improvement Program is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.6.6.1.1 | PATCH | Ensure Turn off Help Experience Improvement Program is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.7.4.1 | PATCH | Ensure Do not preserve zone information in file attachments is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.7.4.1 | PATCH | Ensure Do not preserve zone information in file attachments is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section19 : 19.7.4.2 | PATCH | Ensure Notify antivirus programs when opening attachments is set to Enabled]
```

```
*****
```

changed: [template]

TASK [section19 : 19.7.4.2 | PATCH | Ensure Notify antivirus programs when opening attachments is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.1 | PATCH | Ensure Configure Windows spotlight on lock screen is set to Disabled]

changed: [template]

TASK [section19 : 19.7.8.1 | PATCH | Ensure Configure Windows spotlight on lock screen is set to Disabled]

changed: [template]

TASK [section19 : 19.7.8.2 | PATCH | Ensure Do not suggest third-party content in Windows spotlight is set to Enabled] ***

changed: [template]

TASK [section19 : 19.7.8.2 | PATCH | Ensure Do not suggest third-party content in Windows spotlight is set to Enabled] ***

changed: [template]

TASK [section19 : 19.7.8.3 | PATCH | Ensure Do not use diagnostic data for tailored experiences is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.3 | PATCH | Ensure Do not use diagnostic data for tailored experiences is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.4 | PATCH | Ensure Turn off all Windows spotlight features is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.4 | PATCH | Ensure Turn off all Windows spotlight features is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.5 | PATCH | Ensure Turn off Spotlight collection on Desktop is set to Enabled]

changed: [template]

TASK [section19 : 19.7.8.5 | PATCH | Ensure Turn off Spotlight collection on Desktop is set to Enabled]

changed: [template]

TASK [section19 : 19.7.28.1 | PATCH | Ensure Prevent users from sharing files within their profile. is set to Enabled] ***

changed: [template]

TASK [section19 : 19.7.28.1 | PATCH | Ensure Prevent users from sharing files within their profile. is set to Enabled] ***

changed: [template]

TASK [section19 : 19.7.43.1 | PATCH | Ensure Always install with elevated privileges is set to Disabled]

changed: [template]

TASK [section19 : 19.7.43.1 | PATCH | Ensure Always install with elevated privileges is set to Disabled]

changed: [template]

TASK [section19 : 19.7.47.2.1 | PATCH | Ensure Prevent Codec Download is set to Enabled]

changed: [template]

TASK [section19 : 19.7.47.2.1 | PATCH | Ensure Prevent Codec Download is set to Enabled]

changed: [template]

TASK [Section18]

TASK [section18 : 18.1.1.1 | PATCH | Ensure Prevent enabling lock screen camera is set to Enabled]

ok: [template]

TASK [section18 : 18.1.1.2 | PATCH | Ensure Prevent enabling lock screen slide show is set to Enabled]

ok: [template]

TASK [section18 : 18.1.2.2 | PATCH | Ensure Allow users to enable online speech recognition services is set to Disabled] * **

changed: [template]

TASK [section18 : 18.1.3 | PATCH | Ensure Allow Online Tips is set to Disabled]

changed: [template]

TASK [section18 : 18.2.1 | PATCH | Ensure LAPS AdmPwd GPO Extension CSE is installed MS only]

skipping: [template]

TASK [section18 : 18.2.2 | PATCH | Ensure Do not allow password expiration time longer than required by policy is set to Enabled MS only] ***

skipping: [template]

TASK [section18 : 18.2.3 | PATCH | Ensure Enable Local Admin Password Management is set to Enabled MS only]

skipping: [template]

TASK [section18 : 18.2.4 | PATCH | Ensure Password Settings Password Complexity is set to Enabled Large letters small letters numbers special characters MS only] ***

skipping: [template]

TASK [section18 : 18.2.5 | PATCH | Ensure Password Settings Password Length is set to Enabled 15 or more MS only]

skipping: [template]

TASK [section18 : 18.2.6 | PATCH | Ensure Password Settings Password Age Days is set to Enabled 30 or fewer MS only]

skipping: [template]

TASK [section18 : 18.3.2 | PATCH | Ensure Configure SMB v1 client driver is set to Enabled Disable driver recommended] ***

ok: [template]

TASK [section18 : 18.3.3 | PATCH | Ensure Configure SMB v1 server is set to Disabled]

ok: [template]

TASK [section18 : 18.3.4 | PATCH | Ensure Enable Structured Exception Handling Overwrite Protection SEHOP is set to Enable
d] ***

ok: [template]

TASK [section18 : 18.3.5 | PATCH | Ensure Limits print driver installation to Administrators is set to Enabled]

ok: [template]

TASK [section18 : 18.3.6 | PATCH | Ensure 'NetBT NodeType configuration' is set to 'Enabled: P-node recommended']

ok: [template]

TASK [section18 : 18.3.7 | PATCH | Ensure WDigest Authentication is set to Disabled]

ok: [template]

TASK [section18 : 18.4.1 | PATCH | Ensure MSS AutoAdminLogon Enable Automatic Logon not recommended is set to Disabled] **
*

changed: [template]

TASK [section18 : 18.4.2 | PATCH | Ensure MSS DisableIPSourceRouting IPv6 IP source routing protection level protects
agai nst packet spoofing is set to Enabled Highest protection source routing is completely
disabled] ***

ok: [template]

TASK [section18 : 18.4.3 | PATCH | Ensure MSS DisableIPSourceRouting IP source routing protection level protects
against p acket spoofing is set to Enabled Highest protection source routing is completely
disabled] ***

ok: [template]

TASK [section18 : 18.4.4 | PATCH | Ensure MSS EnableICMPRedirect Allow ICMP redirects to override OSPF generated
routes is set to Disabled] ***

ok: [template]

TASK [section18 : 18.4.5 | PATCH | Ensure MSS KeepAliveTime How often keep-alive packets are sent in milliseconds is

```
set t                                o Enabled 300000 or 5 minutes recommended] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.6 | PATCH | Ensure MSS NoNameReleaseOnDemand Allow the computer to ignore NetBIOS name release  
requ                               ests except from WINS servers is set to Enabled] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.4.7 | PATCH | Ensure MSS PerformRouterDiscovery Allow IRDP to detect and configure Default  
Gateway ad                         dresses could lead to DoS is set to Disabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.8 | PATCH | Ensure MSS SafeDllSearchMode Enable Safe DLL search mode recommended is set to  
Enabled]                             ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.9 | PATCH | Ensure MSS ScreenSaverGracePeriod The time in seconds before the screen saver  
grace per                           iod expires 0 recommended is set to Enabled 5 or fewer seconds] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.10 | PATCH | Ensure MSS TcpMaxDataRetransmissions IPv6 How many times unacknowledged data is  
retran                             smitted is set to Enabled 3] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.11 | PATCH | Ensure MSS TcpMaxDataRetransmissions How many times unacknowledged data is  
retransmitt                         ed is set to Enabled 3] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.4.12 | PATCH | Ensure MSS WarningLevel Percentage threshold for the security event log at which  
the s                               ystem will generate a warning is set to Enabled 90 or less] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.5.4.1 | PATCH | Ensure Configure DNS over HTTPS (DoH) name resolution is set to Enabled Allow  
DoH or                             higher] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.5.4.2 | PATCH | Ensure Turn off multicast name resolution is set to Enabled]
```

```
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.5.5.1 | PATCH | Ensure Enable Font Providers is set to Disabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.5.8.1 | PATCH | Ensure Enable insecure guest logons is set to Disabled]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.5.9.1 | PATCH | Ensure Turn on Mapper IO LLTDIO driver is set to Disabled | AllowLLTDIOOnDomain]
****
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.1 | PATCH | Ensure Turn on Mapper IO LLTDIO driver is set to Disabled |
AllowLLTDIOOnPublicNet] *          **
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.1 | PATCH | Ensure Turn on Mapper IO LLTDIO driver is set to Disabled | EnableLLTDIO]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.1 | PATCH | Ensure Turn on Mapper IO LLTDIO driver is set to Disabled |
ProhibitLLTDIOOnPrivateNet] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.2 | PATCH | Ensure Turn on Responder RSPNDR driver is set to Disabled | AllowRspndrOnDomain]
****
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.2 | PATCH | Ensure Turn on Responder RSPNDR driver is set to Disabled |
AllowRspndrOnPublicNet] *          **
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.2 | PATCH | Ensure Turn on Responder RSPNDR driver is set to Disabled | EnableRspndr]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.5.9.2 | PATCH | Ensure Turn on Responder RSPNDR driver is set to Disabled |
ProhibitRspndrOnPrivateNet] ***
```

```
changed: [template]
```

TASK [section18 : 18.5.10.2 | PATCH | Ensure Turn off Microsoft Peer-to-Peer Networking Services is set to Enabled]

changed: [template]

TASK [section18 : 18.5.11.2 | PATCH | Ensure Prohibit installation and configuration of Network Bridge on your DNS domain network is set to Enabled] ***

changed: [template]

TASK [section18 : 18.5.11.3 | PATCH | Ensure Prohibit use of Internet Connection Sharing on your DNS domain network is set to Enabled] ***

changed: [template]

TASK [section18 : 18.5.11.4 | PATCH | Ensure Require domain users to elevate when setting a networks location is set to Enabled] ***

changed: [template]

TASK [section18 : 18.5.14.1 | PATCH | Ensure Hardened UNC Paths is set to Enabled with Require Mutual Authentication and Require Integrity set for all NETLOGON shares] ***

changed: [template]

TASK [section18 : 18.5.14.1 | PATCH | Ensure Hardened UNC Paths is set to Enabled with Require Mutual Authentication and Require Integrity set for all SYSVOL shares] ***

changed: [template]

TASK [section18 : 18.5.19.2.1 | PATCH | Disable IPv6 Ensure TCP/IP6 Parameter DisabledComponents is set to 0xff 255]

changed: [template]

TASK [section18 : 18.5.20.1 | PATCH | Ensure Configuration of wireless settings using Windows Connect Now is set to Disabled | EnableRegistrars] ***

changed: [template]

TASK [section18 : 18.5.20.1 | PATCH | Ensure Configuration of wireless settings using Windows Connect Now is set to Disabled | DisableUPnPRegistrar] ***

changed: [template]

TASK [section18 : 18.5.20.1 | PATCH | Ensure Configuration of wireless settings using Windows Connect Now is set to Disabled | DisableInBand802DOT11Registrar] ***

changed: [template]

TASK [section18 : 18.5.20.1 | PATCH | Ensure Configuration of wireless settings using Windows Connect Now is set to Disabled | DisableFlashConfigRegistrar] ***

changed: [template]

TASK [section18 : 18.5.20.1 | PATCH | Ensure Configuration of wireless settings using Windows Connect Now is set to Disabled | DisableWPDRegistrar] ***

changed: [template]

TASK [section18 : 18.5.20.2 | PATCH | Ensure Prohibit access of the Windows Connect Now wizards is set to Enabled] *****

changed: [template]

TASK [section18 : 18.5.21.1 | PATCH | Ensure Minimize the number of simultaneous connections to the Internet or a Windows Domain is set to Enabled:3 = Prevent Wi-Fi when on Ethernet] ***

changed: [template]

TASK [section18 : 18.5.21.2 | PATCH | Ensure Prohibit connection to non-domain networks when connected to domain authentic ated network is set to Enabled MS only] ***

changed: [template]

TASK [section18 : 18.6.1 | PATCH | Ensure 'Allow Print Spooler to accept client connections' is set to 'Disabled'] *****

changed: [template]

TASK [section18 : 18.6.2 | PATCH | Ensure 'Point and Print Restrictions: When installing drivers for a new connection' is set to 'Enabled: Show warning and elevation prompt'] ***

changed: [template]

TASK [section18 : 18.6.3 | PATCH | (L1) Ensure 'Point and Print Restrictions: When updating drivers for an existing connection' is set to 'Enabled: Show warning and elevation prompt'] ***

changed: [template]

TASK [section18 : 18.7.1.1 | PATCH | Ensure Turn off notifications network usage is set to Enabled]

changed: [template]

TASK [section18 : 18.8.3.1 | PATCH | Ensure Include command line in process creation events is set to Enabled]

changed: [template]

TASK [section18 : 18.8.4.1 | PATCH | Ensure Encryption Oracle Remediation is set to Enabled Force Updated Clients]

ok: [template]

TASK [section18 : 18.8.4.2 | PATCH | Ensure Remote host allows delegation of non-exportable credentials is set to Enabled]

ok: [template]

TASK [section18 : 18.8.5.1 | PATCH | Ensure Turn On Virtualization Based Security is set to Enabled]

ok: [template]

TASK [section18 : 18.8.5.2 | PATCH | Ensure Turn On Virtualization Based Security Select Platform Security Level is set to Secure Boot and DMA Protection] ***

changed: [template]

TASK [section18 : 18.8.5.3 | PATCH | Ensure Turn On Virtualization Based Security Virtualization Based Protection of Code Integrity is set to Enabled with UEFI lock] ***

ok: [template]

TASK [section18 : 18.8.5.4 | PATCH | Ensure Turn On Virtualization Based Security Require UEFI Memory Attributes Table is set to True checked] ***

ok: [template]

TASK [section18 : 18.8.5.5 | PATCH | Ensure Turn On Virtualization Based Security Credential Guard Configuration is set to Enabled with UEFI lock MS Only] ***

ok: [template]

TASK [section18 : 18.8.5.6 | PATCH | Ensure Turn On Virtualization Based Security Credential Guard Configuration is set to Disabled DC Only] ***

skipping: [template]

TASK [section18 : 18.8.5.7 | PATCH | Ensure Turn On Virtualization Based Security Secure Launch Configuration is set to Enabled] ***

ok: [template]

```
TASK [section18 : 18.8.7.2 | PATCH | Ensure Prevent device metadata retrieval from the Internet is set to Enabled']
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.14.1 | PATCH | Ensure Boot-Start Driver Initialization Policy is set to Enabled Good unknown
and ba                                d but critical] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.8.21.2 | PATCH | Ensure Configure registry policy processing Do not apply during periodic
background                            processing is set to Enabled FALSE] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.8.21.3 | PATCH | Ensure Configure registry policy processing Process even if the Group Policy
objects                               have not changed is set to Enabled TRUE] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.8.21.4 | PATCH | Ensure Continue experiences on this device is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.21.5 | PATCH | Ensure Turn off background refresh of Group Policy is set to Disabled]
```

```
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.8.22.1.1 | PATCH | Ensure Turn off downloading of print drivers over HTTP is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.22.1.2 | PATCH | Ensure Turn off handwriting personalization data sharing is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.22.1.3 | PATCH | Ensure Turn off handwriting recognition error reporting is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.22.1.4 | PATCH | Ensure Turn off Internet Connection Wizard if URL connection is referring to
Micro                                soft.com is set to Enabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.8.22.1.5 | PATCH | Ensure Turn off Internet download for Web publishing and online ordering
wizards i          s set to Enabled] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.6 | PATCH | Ensure Turn off printing over HTTP is set to Enabled]
*****
changed: [template]
```

```
TASK [section18 : 18.8.22.1.7 | PATCH | Ensure Turn off Registration if URL connection is referring to Microsoft.com
is se              t to Enabled] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.8 | PATCH | Ensure Turn off Search Companion content file updates is set to Enabled]
*****
changed: [template]
```

```
TASK [section18 : 18.8.22.1.9 | PATCH | Ensure Turn off the Order Prints picture task is set to Enabled]
*****
changed: [template]
```

```
TASK [section18 : 18.8.22.1.10 | PATCH | Ensure Turn off the Publish to Web task for files and folders is set to
Enabled] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.11 | PATCH | Ensure Turn off the Windows Messenger Customer Experience Improvement
Program is      set to Enabled] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.12 | PATCH | Ensure Turn off Windows Customer Experience Improvement Program is set to
Enabled          ] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.13 | PATCH | Ensure Turn off Windows Error Reporting is set to Enabled | Windows Error
Reporti        ng] ***
changed: [template]
```

```
TASK [section18 : 18.8.22.1.13 | PATCH | Ensure Turn off Windows Error Reporting is set to Enabled | ErrorReporting]
*****
```

changed: [template]

TASK [section18 : 18.8.25.1 | PATCH | Ensure Support device authentication using certificate is set to Enabled Automatic | DevicePKInitBehavior] ***

changed: [template]

TASK [section18 : 18.8.25.1 | PATCH | Ensure Support device authentication using certificate is set to Enabled Automatic | DevicePKInitEnabled] ***

changed: [template]

TASK [section18 : 18.8.26.1 | PATCH | Ensure Enumeration policy for external devices incompatible with Kernel DMA Protection is set to Enabled Block All] ***

ok: [template]

TASK [section18 : 18.8.27.1 | PATCH | Ensure Disallow copying of user input methods to the system account for sign-in is set to Enabled] ***

changed: [template]

TASK [section18 : 18.8.28.1 | PATCH | Ensure Block user from showing account details on sign-in is set to Enabled] *****

changed: [template]

TASK [section18 : 18.8.28.2 | PATCH | Ensure Do not display network selection UI is set to Enabled] *****

changed: [template]

TASK [section18 : 18.8.28.3 | PATCH | Ensure Do not enumerate connected users on domain-joined computers is set to Enabled] ***

changed: [template]

TASK [section18 : 18.8.28.4 | PATCH | Ensure Enumerate local users on domain-joined computers is set to Disabled MS only] ***

skipping: [template]

TASK [section18 : 18.8.28.5 | PATCH | Ensure Turn off app notifications on the lock screen is set to Enabled] *****

changed: [template]

TASK [section18 : 18.8.28.6 | PATCH | Ensure Turn off picture password sign-in is set to Enabled]

changed: [template]

TASK [section18 : 18.8.28.7 | PATCH | Ensure Turn on convenience PIN sign-in is set to Disabled]

changed: [template]

TASK [section18 : 18.8.31.1 | PATCH | Ensure Allow Clipboard synchronization across devices is set to Disabled]

changed: [template]

TASK [section18 : 18.8.31.2 | PATCH | Ensure Allow upload of User Activities is set to Disabled]

changed: [template]

TASK [section18 : 18.8.34.6.1 | PATCH | Ensure Allow network connectivity during connected-standby on battery is set to Disabled] ***

changed: [template]

TASK [section18 : 18.8.34.6.2 | PATCH | Ensure Allow network connectivity during connected-standby plugged in is set to Disabled] ***

changed: [template]

TASK [section18 : 18.8.34.6.3 | PATCH | Ensure Require a password when a computer wakes on battery is set to Enabled]

changed: [template]

TASK [section18 : 18.8.34.6.4 | PATCH | Ensure Require a password when a computer wakes plugged in is set to Enabled]

changed: [template]

TASK [section18 : 18.8.36.1 | PATCH | Ensure Configure Offer Remote Assistance is set to Disabled]

changed: [template]

TASK [section18 : 18.8.36.2 | PATCH | Ensure Configure Solicited Remote Assistance is set to Disabled]

changed: [template]

```
TASK [section18 : 18.8.37.1 | PATCH | Ensure Enable RPC Endpoint Mapper Client Authentication is set to Enabled MS only] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.8.37.2 | PATCH | Ensure Restrict Unauthenticated RPC clients is set to Enabled Authenticated MS only] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.8.40.1 | PATCH | Ensure Configure validation of ROCA-vulnerable WHfB keys during authentication is set to Enabled Audit or higher (DC only)] ***
```

```
skipping: [template]
```

```
TASK [section18 : 18.8.48.5.1 | PATCH | Ensure Microsoft Support Diagnostic Tool Turn on MSDT interactive communication with support provider is set to Disabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.8.48.11.1 | PATCH | Ensure EnableDisable PerfTrack is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.50.1 | PATCH | Ensure Turn off the advertising ID is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.53.1.1 | PATCH | Ensure Enable Windows NTP Client is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.8.53.1.2 | PATCH | Ensure Enable Windows NTP Server is set to Disabled MS only]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.4.1 | PATCH | Ensure Allow a Windows app to share application data between users is set to Disabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.6.1 | PATCH | Ensure Allow Microsoft accounts to be optional is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.8.1 | PATCH | Ensure Disallow Autoplay for non-volume devices is set to Enabled]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.8.2 | PATCH | Ensure Set the default behavior for AutoRun is set to Enabled Do not execute any
autorun commands] ***
```

```
ok: [template]
```

```
TASK [section18 : 18.9.8.3 | PATCH | Ensure Turn off Autoplay is set to Enabled All drives]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.10.1.1 | PATCH | Ensure Configure enhanced anti-spoofing is set to Enabled]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.12.1 | PATCH | Ensure Allow Use of Camera is set to Disabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.14.1 | PATCH | Ensure Turn off cloud consumer account state content is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.14.2 | PATCH | Ensure Turn off Microsoft consumer experiences is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.15.1 | PATCH | Ensure Require pin for pairing is set to Enabled First Time OR Enabled Always]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.16.1 | PATCH | Ensure Do not display the password reveal button is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.16.2 | PATCH | Ensure Enumerate administrator accounts on elevation is set to Disabled]
*****
```


changed: [template]

TASK [section18 : 18.9.17.1 | PATCH | Ensure Allow Diagnostic Data is set to Enabled Diagnostic data off (not recommended) or Enabled Send required diagnostic data] ***

changed: [template]

TASK [section18 : 18.9.17.2 | PATCH | Ensure Configure Authenticated Proxy usage for the Connected User Experience and Telemetry service is set to Enabled Disable Authenticated Proxy usage] ***

changed: [template]

TASK [section18 : 18.9.17.3 | PATCH | Ensure Disable OneSettings Downloads is set to Enabled]

changed: [template]

TASK [section18 : 18.9.17.4 | PATCH | Ensure Do not show feedback notifications is set to Enabled]

changed: [template]

TASK [section18 : 18.9.17.5 | PATCH | Ensure Enable OneSettings Auditing is set to Enabled]

changed: [template]

TASK [section18 : 18.9.17.6 | PATCH | Ensure Limit Diagnostic Log Collection is set to Enabled]

changed: [template]

TASK [section18 : 18.9.17.7 | PATCH | Ensure Limit Dump Collection is set to Enabled]

changed: [template]

TASK [section18 : 18.9.17.8 | PATCH | Ensure Toggle user control over Insider builds is set to Disabled]

changed: [template]

TASK [section18 : 18.9.27.1.1 | PATCH | Ensure Application Control Event Log behavior when the log file reaches its maximum size is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.27.1.2 | PATCH | Ensure Application Specify the maximum log file size KB is set to Enabled]

32768 or greater] ***

changed: [template]

TASK [section18 : 18.9.27.2.1 | PATCH | Ensure Security Control Event Log behavior when the log file reaches its maximum size is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.27.2.2 | PATCH | Ensure Security Specify the maximum log file size KB is set to Enabled 196608 or greater] ***

ok: [template]

TASK [section18 : 18.9.27.3.1 | PATCH | Ensure Setup Control Event Log behavior when the log file reaches its maximum size is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.27.3.2 | PATCH | Ensure Setup Specify the maximum log file size KB is set to Enabled 32768 or greater] ***

changed: [template]

TASK [section18 : 18.9.27.4.1 | PATCH | Ensure System Control Event Log behavior when the log file reaches its maximum size is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.27.4.2 | PATCH | Ensure System Specify the maximum log file size KB is set to Enabled 32768 or greater] ***

ok: [template]

TASK [section18 : 18.9.31.2 | PATCH | Ensure Turn off Data Execution Prevention for Explorer is set to Disabled]

changed: [template]

TASK [section18 : 18.9.31.3 | PATCH | Ensure Turn off heap termination on corruption is set to Disabled]

changed: [template]

TASK [section18 : 18.9.31.4 | PATCH | Ensure Turn off shell protocol protected mode is set to Disabled]

changed: [template]

TASK [section18 : 18.9.41.1 | PATCH | Ensure Turn off location is set to Enabled]

changed: [template]

TASK [section18 : 18.9.45.1 | PATCH | Ensure Allow Message Service Cloud Sync is set to Disabled]

changed: [template]

TASK [section18 : 18.9.46.1 | PATCH | Ensure Block all consumer Microsoft account user authentication is set to Enabled] ***

changed: [template]

TASK [section18 : 18.9.47.4.1 | PATCH | Ensure Configure local setting override for reporting to Microsoft MAPS is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.47.4.2 | PATCH | Ensure Join Microsoft MAPS is set to Disabled]

changed: [template]

TASK [section18 : 18.9.47.5.1.1 | PATCH | Ensure Configure Attack Surface Reduction rules is set to Enabled]

ok: [template]

TASK [section18 : 18.9.47.5.1.2 | PATCH | Ensure Configure Attack Surface Reduction rules Set the state for each ASR rule is configured] ***

ok: [template] => (item=26190899-1602-49e8-8b27-eb1d0a1ce869)

ok: [template] => (item=3b576869-a4ec-4529-8536-b80a7769e899)

ok: [template] => (item=5beb7efe-fd9a-4556-801d-275e5ffc04cc)

ok: [template] => (item=75668c1f-73b5-4cf0-bb93-3ecf5cb7cc84)

ok: [template] => (item=7674ba52-37eb-4a4f-a9a1-f0f9a1619a2c)

ok: [template] => (item=92e97fa1-2edf-4476-bdd6-9dd0b4dddc7b)

ok: [template] => (item=9e6c4e1f-7d60-472f-ba1a-a39ef669e4b2)

ok: [template] => (item=b2b3f03d-6a65-4f7b-a9c7-1c7ef74a9ba4)

ok: [template] => (item=be9ba2d9-53ea-4cdc-84e5-9b1e446550)

ok: [template] => (item=d3e037e1-3eb8-44c8-a917-57927947596d)

ok: [template] => (item=d4f940ab-401b-4efc-aadc-ad5f3c50688a)

TASK [section18 : 18.9.47.5.3.1 | PATCH | Ensure Prevent users and apps from accessing dangerous websites is set to

Enabled Block] ***

ok: [template]

TASK [section18 : 18.9.47.6.1 | PATCH | Ensure Enable file hash computation feature is set to Enabled]

changed: [template]

TASK [section18 : 18.9.47.9.1 | PATCH | Ensure Scan all downloaded files and attachments is set to Enabled']

ok: [template]

TASK [section18 : 18.9.47.9.2 | PATCH | Ensure Scan Turn off real-time protection is set to is set to Disabled]

changed: [template]

TASK [section18 : 18.9.47.9.3 | PATCH | Ensure Scan Turn on behavior monitoring is set to is set to Enabled]

changed: [template]

TASK [section18 : 18.9.47.9.4 | PATCH | Ensure Scan Turn on script scanning is set to is set to Enabled]

changed: [template]

TASK [section18 : 18.9.47.11.1 | PATCH | Ensure Configure Watson events is set to Disabled]

changed: [template]

TASK [section18 : 18.9.47.12.1 | PATCH | Ensure Scan removable drives is set to Enabled]

ok: [template]

TASK [section18 : 18.9.47.12.2 | PATCH | Ensure Turn on e-mail scanning is set to Enabled]

changed: [template]

TASK [section18 : 18.9.47.15 | PATCH | Ensure Configure detection for potentially unwanted applications is set to Enabled Block] ***

ok: [template]

```
TASK [section18 : 18.9.47.16 | PATCH | Ensure Turn off Windows Defender AntiVirus is set to Disabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.58.1 | PATCH | Ensure Prevent the usage of OneDrive for file storage is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.64.1 | PATCH | Ensure Turn off Push To Install service is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.2.2 | PATCH | Ensure Do not allow passwords to be saved is set to Enabled]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.65.3.2.1 | PATCH | Ensure Restrict Remote Desktop Services users to a single Remote Desktop
Services session is set to Enabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.3.1 | PATCH | Ensure Allow UI Automation redirection is set to Disabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.3.2 | PATCH | Ensure Do not allow COM port redirection is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.3.3 | PATCH | Ensure Do not allow drive redirection is set to Enabled]
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.65.3.3.4 | PATCH | Ensure Do not allow location redirection is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.3.5 | PATCH | Ensure Do not allow LPT port redirection is set to Enabled]
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.3.6 | PATCH | Ensure Do not allow supported Plug and Play device redirection is set to Enabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.9.1 | PATCH | Ensure Always prompt for password upon connection is set to Enabled]
```

```
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.65.3.9.2 | PATCH | Ensure Require secure RPC communication is set to Enabled]
```

```
*****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.65.3.9.3 | PATCH | Ensure Require use of specific security layer for remote RDP connections is set to Enabled SSL] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.9.4 | PATCH | Ensure Require user authentication for remote connections by using Network Level Authentication is set to Enabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.9.5 | PATCH | Ensure Set client connection encryption level is set to Enabled High Level]
```

```
****
```

```
ok: [template]
```

```
TASK [section18 : 18.9.65.3.10.1 | PATCH | Ensure Set time limit for active but idle Remote Desktop Services sessions is set to Enabled 15 minutes or less] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.10.2 | PATCH | Ensure Set time limit for disconnected sessions is set to Enabled 1 minute] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.11.1 | PATCH | Ensure Do not delete temp folders upon exit is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.65.3.11.2 | PATCH | Ensure Do not use temporary folders per session is set to Disabled]
```

```
*****
```

changed: [template]

TASK [section18 : 18.9.66.1 | PATCH | Ensure Prevent downloading of enclosures is set to Enabled]

ok: [template]

TASK [section18 : 18.9.67.2 | PATCH | Ensure Allow Cloud Search is set to Enabled Disable Cloud Search]

changed: [template]

TASK [section18 : 18.9.67.3 | PATCH | Ensure Allow indexing of encrypted files is set to Disabled]

ok: [template]

TASK [section18 : 18.9.72.1 | PATCH | Ensure Turn off KMS Client Online AVS Validation is set to Enabled]

changed: [template]

TASK [section18 : 18.9.85.1.1 | PATCH | Ensure Configure Windows Defender SmartScreen is set to Enabled Warn and prevent bypass | EnableSmartScreen] ***

ok: [template]

TASK [section18 : 18.9.85.1.1 | PATCH | Ensure Configure Windows Defender SmartScreen is set to Enabled Warn and prevent bypass | ShellSmartScreenLevel] ***

ok: [template]

TASK [section18 : 18.9.89.1 | PATCH | Ensure Allow suggested apps in Windows Ink Workspace is set to Disabled]

changed: [template]

TASK [section18 : 18.9.89.2 | PATCH | Ensure Allow Windows Ink Workspace is set to Enabled On but disallow access above lock OR Disabled but not Enabled On] ***

ok: [template]

TASK [section18 : 18.9.90.1 | PATCH | Ensure Allow user control over installs is set to Disabled]

ok: [template]

TASK [section18 : 18.9.90.2 | PATCH | Ensure Always install with elevated privileges is set to Disabled]

ok: [template]

TASK [section18 : 18.9.90.3 | PATCH | Ensure Prevent Internet Explorer security prompt for Windows Installer scripts is set to Disabled] ***

changed: [template]

TASK [section18 : 18.9.91.1 | PATCH | Ensure Sign-in last interactive user automatically after a restart is set to Disabled] ***

ok: [template]

TASK [section18 : 18.9.100.1 | PATCH | Ensure Turn on PowerShell Script Block Logging is set to Enabled]

ok: [template]

TASK [section18 : 18.9.100.2 | PATCH | Ensure Turn on PowerShell Transcription is set to Disabled]

changed: [template]

TASK [section18 : 18.9.102.1.1 | PATCH | Ensure Allow Basic authentication is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2378, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\nname: \"18.9.102.1.1 | PATCH | Ensure Allow Basic authentication is set to Disabled\"\n ^ here\n"}\n

...ignoring

TASK [section18 : 18.9.102.1.2 | PATCH | Ensure Allow unencrypted traffic is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2392, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\nname: \"18.9.102.1.2 | PATCH | Ensure Allow unencrypted traffic is set to Disabled\"\n ^ here\n"}\n

...ignoring

TASK [section18 : 18.9.102.1.3 | PATCH | Ensure Disallow Digest authentication is set to Enabled]

changed: [template]

TASK [section18 : 18.9.102.2.1 | PATCH | Ensure Allow Basic authentication is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2418, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\nname: \"18.9.102.2.1 | PATCH | Ensure Allow Basic authentication is set to Disabled\"\n ^ here\n"}\n

...ignoring

TASK [section18 : 18.9.102.2.2 | PATCH | Ensure Allow remote server management through WinRM is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2433, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n# This control will have to be set to Enabled (1) to allow for continued remote management via Ansible following machine restart\nname: \"18.9.102.2.2 | PATCH | Ensure Allow remote server management through WinRM is set to Disabled\"\n ^ here\n"}\n

...ignoring

TASK [section18 : 18.9.102.2.3 | PATCH | Ensure Allow unencrypted traffic is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2447, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\nname: \"18.9.102.2.3 | PATCH | Ensure Allow unencrypted traffic is set to Disabled\"\n ^ here\n"}\n

...ignoring

TASK [section18 : 18.9.102.2.4 | PATCH | Ensure Disallow WinRM from storing RunAs credentials is set to Enabled]

ok: [template]

TASK [section18 : 18.9.103.1 | PATCH | Ensure Allow Remote Shell Access is set to Disabled]

fatal: [template]: FAILED! => {"msg": "The conditional check 'not win_skip_for_test' failed. The error was: error while evaluating conditional (not win_skip_for_test): 'win_skip_for_test' is undefined. 'win_skip_for_test' is undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2461, column 3, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\nname: \"18.9.103.1 | PATCH | Ensure Allow Remote Shell Access is set to Disabled\"\n ^ here\n"}\n

```
undefined\n\nThe error appears to be in '/etc/ansible/roles/section18/tasks/main.yml': line 2474, column 3, but  
may\nbe elsewhere in the file depending on the exact syntax problem.\n\nThe offending line appears to be:\n\n# This  
control will have to be set to Enabled (1) to allow for continued remote management via Ansible following machine  
restart\n- name: \"18.9.103.1 | PATCH | Ensure Allow Remote Shell Access is set to Disabled\"\n  ^ here\n\"}\n...ignoring
```

```
TASK [section18 : 18.9.105.2.1 | PATCH | Ensure Prevent users from modifying settings is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.1.1 | PATCH | Ensure No auto-restart with logged on users for scheduled automatic updates  
installations is set to Disabled] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.2.1 | PATCH | Ensure Configure Automatic Updates is set to Enabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.2.2 | PATCH | Ensure Configure Automatic Updates Scheduled install day is set to 0 - Every  
day] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.4.1 | PATCH | Ensure Manage preview builds is set to Disabled]
```

```
*****
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.4.2 | PATCH | Ensure Select when Preview Builds and Feature Updates are received is set to  
Enabled 180 or more days | DeferFeatureUpdates] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.4.2 | PATCH | Ensure Select when Preview Builds and Feature Updates are received is set to  
Enabled 180 or more days | DeferFeatureUpdatesPeriodInDays] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.4.3 | PATCH | Ensure Select when Quality Updates are received is set to Enabled 0 days |  
DeferQualityUpdates] ***
```

```
changed: [template]
```

```
TASK [section18 : 18.9.108.4.3 | PATCH | Ensure Select when Quality Updates are received is set to Enabled 0 days |
```

Compare CIS benchmark vs Windows Baseline with Ansible Playbooks

Saleh Miri

[Linkedin.com/in/salehmiri](https://www.linkedin.com/in/salehmiri)

```
DeferQualityUpdatesPeriodInDays] ***
```

```
changed: [template]
```

```
PLAY RECAP
```

```
*****
```

```
template : ok=207 changed=110 unreachable=0 failed=0 skipped=9 rescued=0 ignored=6
```

```
[ansible@iac playbook]$
```