

UNCLASSIFIED



**MICROSOFT WINDOWS 2012/2012 R2
MEMBER SERVER (MS) STIG
REVISION HISTORY**

Version 3, Release 6

11 May 2023

Developed by DISA for the DOD

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V3R6	- Windows 2012/2012 R2 MS STIG, V3R5	<ul style="list-style-type: none"> - WN12-00-000018 - In Check and Fix, revised link for AppLocker Deployment Guide. In Check, removed wording "This is applicable to unclassified systems. For other systems, this is NA." Replaced "whitelist" with "allowlist." - WN12-AU-000030 - Removed requirement to audit Logon/Logoff - Account Lockout successes. - WN12-PK-000001 - Revised Fix to add PKI link for DOD certificates. - WN12-PK-000003, WN12-PK-000004 - Revised Check and Fix to reflect updated certificates and add PKI link for DOD certificates. - Some Rule IDs updated due to changes in content management system. - Addressed issues of STIG style compliance. 	11 May 2023
V3R5	- Windows 2012/2012 R2 MS STIG, V3R4	<ul style="list-style-type: none"> - WN12-CC-000069 - Updated hyperlink in Check and Fix text. - WN12-GE-000016 - Removed from Check text "Domain accounts requiring smart card (CAC/PIV) may also be excluded". - WN12-GE-000017 - Updated Check text: "A properly configured McAfee Application Control and Change Control (MACC) module will meet the requirement for file integrity checking." - Some Rule IDs and CCIs updated due to minor changes in content management system. 	14 November 2022
V3R4	- Windows 2012/2012 R2 MS STIG, V3R3	<ul style="list-style-type: none"> - WN12-PK-000001, WN12-PK-000003 - Removed all deprecated DOD Root CA 2 references. 	31 May 2022
V3R3	- Windows 2012/2012 R2 MS STIG, V3R2	<ul style="list-style-type: none"> - WN12-00-000007 - Updated Vul Discussion/Fix to highly recommend use of LAPS, and AO can approve other solutions. - WN12-CC-000007, WN12-CC-000008, WN12-CC-000009, WN12-CC-000010 - Due to DOD migration to IPv6, removed requirement to disable IPv6. 	01 November 2021

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		<ul style="list-style-type: none"> - WN12-GE-000017, WN12-GE-000023 - Replaced HBSS references with ESS. - WN12-GE-000019 - Removed requirement to mandate McAfee Agent. - WN12-GE-000022 - Replaced HBSS references with ESS; updated text in Fix to "HIDS". 	
V3R2	- Windows 2012/2012 R2 MS STIG, V3R1	<ul style="list-style-type: none"> - WN12-GE-000022, WN12-SO-000036 - Added back MISC Data - Severity Override Guidance. - WN12-GE-000023 - Removed HBSS wording. Updated Check and Fix and added Note section. 	04 May 2021
V3R1	- Windows 2012/2012 R2 MS STIG, V2R19	<ul style="list-style-type: none"> - DISA migrated the STIG to a new content management system, which renumbered all Groups (V-numbers) and Rules (SV-numbers). With the new Group and Rule numbers, DISA incremented the version number from V2R19 to V3R1. - WN12-CC-000131 - Removed requirement. Remote Desktop Services must limit users to one remote session. - WN12-GE-000017 - Updated check text with, "A properly configured and approved DOD HBSS solution that supports a File Integrity Monitor (FIM) module will meet the requirement for file integrity checking." - WN12-PK-000001 - Removed "If an expired certificate ("Valid to" date)" wording. - WN12-PK-000003, WN12-PK-000004 - Removed "If an expired certificate ("Valid to" date)" wording. Updated identified certificates. 	13 November 2020
V2R19	- Windows 2012/2012 R2 MS STIG, V2R18	- V-102619 - In Check text, separated registry settings. In Fix text, added >> Explorer Frame Pane.	17 June 2020
V2R18	- Windows 2012/2012 R2 MS	<ul style="list-style-type: none"> - V-14229 - Updated registry value to Value: 00, updated comma in Check text. - V-1081 - Added CSV (Cluster Share Volumes) wording to Check text. 	15 May 2020

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	STIG, V2R17	- V-102619 - Added requirement: The Windows Explorer Preview pane must be disabled for Windows Server 2012 MS.	
V2R17	- Windows 2012/2012 R2 MS STIG, V2R16	- V-1135 - Modify Check to exclude Microsoft Print to PDF and Microsoft XPS Document Writer, which do not support sharing.	25 October 2019
V2R16	- Windows 2012/2012 R2 MS STIG, V2R15	- V-3376 - Removed Storage of Passwords and Credentials requirement. - V-7002 - Updated requirement with note excluding Trust Domain Objects (TDOs). - V-15823 - Added note to requirement regarding Adobe Preflight certificate files. - V-36707 - Updated requirement with applicability note for unclassified systems. - V-36734 - Modified Check and Fix text to require "DOD approved HBSS software". - V-80475 - Updated requirement to remove extra space from registry path.	26 July 2019
V2R15	- Windows 2012/2012 R2 MS STIG, V2R14	- V-15680 - Removed Classic Logon requirement. - V-15713 - Removed Defender - SpyNet Reporting requirement. - V-32274 - Replaced FBCA Cross-Certificate Removal Tool with InstallRoot Application in Fix Text. Added new certificate. Removed expired certificates. - V-40237 - Replaced FBCA Cross-Certificate Removal Tool with InstallRoot Application in Fix Text. Removed expired certificate.	26 April 2019
V2R14	- Windows 2012/2012 R2 MS STIG, V2R13	- V-78057, V-78059, V-78061, V-78063 - Corrected group policy path. - V-1127, V-1155, V-26485, V-26486 - Removed exception note referencing AD admin platforms. - V-26470 - Removed exception note referencing AD admin platforms. Updated Rule Title to specific requirement. Moved Severity Override statement to Check.	26 October 2018

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - V-21954 - Removed RC4_HMAC_MD5 as an allowed option. - V-26476, V-26497, V-26501, V-26503 - Removed user right requirement to align with Windows 2016 STIG. - V-26469, V-26478, V-26481, V-26482, V-26488, V-26493, V-26496, V-26498, V-26499, V-26500 - Updated Rule Title to specific requirement. - V-1102, V-18010, V-26472, V-26474, V-26479, V-26480, V-26489, V-26490, V-26492, V-26494, V-26504, V-26506 - Updated Rule Title to specific requirement. Moved Severity Override to Check section. 	
V2R13	- Windows 2012/2012 R2 MS STIG, V2R12	<ul style="list-style-type: none"> - V-3472 - Updated to use w32tm command to determine effective setting. - V-32272, V-32274 - Updated with additional certificate. Added certificate expiration dates for reference. - V-36707 - Updated SmartScreen requirement to allow either enabled option. - V-40237 - Updated with additional certificate. Added certificate expiration dates for reference. - V-57637 - Updated link to referenced NSA document. - V-80473 - Added requirement for PowerShell to be updated to version that supports script block logging. - V-80475 - Added requirement for PowerShell script block logging to be enabled. - V-80477 - Added requirement to verify PowerShell 2.0 has not been installed. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R13:</p> <ul style="list-style-type: none"> - V-32272 - Updated DOD Root CA OVAL content to include additional certificate. - V-36707 - Updated Windows SmartScreen requirement OVAL content to allow for either enabled option. 	27 July 2018

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		<ul style="list-style-type: none"> - V-36773 - Updated Machine Inactivity OVAL content to ensure a value of "0" will result in a finding. - V-40237 - Updated DOD CCEB Interoperability Root CA OVAL content to include additional certificate. - V-80473 - Create new OVAL to check that PowerShell V4 or v5.x is installed. - V-80477 - Create new OVAL to check that PowerShell v2 is not installed. 	
V2R12	- Windows 2012/2012 R2 MS STIG, V2R11	<ul style="list-style-type: none"> - V-1072 - Updated allowed exceptions note. - V-26534, V-26536 - Removed Other Account Management failure event audit requirement as NA. - V-26556 - Removed Security System Extension failure event audit requirement as NA. - V-40175 - Removed antivirus signature requirement, addressed by AV product STIGs. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R12:</p> <ul style="list-style-type: none"> - V-26534, V-26536, V-26556 - Disabled OVAL due to STIG rule removal. 	27 April 2018
V2R11	- Windows 2012/2012 R2 MS STIG, V2R10	<ul style="list-style-type: none"> - V-6840, V-7002, V-14225 - Updated to use Windows queries instead of DumpSec application. - V-15823 - Clarified noted exceptions. - V-26531 - Removed requirement Audit Computer Account Management Success, applies to Domain Controllers only. - V-26532 - Removed requirement Audit Computer Account Management Failures to align with Windows 2016 STIG. - V-26554 - Removed requirement Audit Security State Change Failures to align with Windows 2016 STIG. - V-36662 - Updated to use Windows queries instead of DumpSec application. 	26 January 2018

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		<ul style="list-style-type: none"> - V-36707 - Changed SmartScreen requirement to align with other Windows STIGs - Enabled and CAT II. - V-57635 - Removed requirement Audit Authorization Policy Change Failures to align with Windows 2016 STIG. - V-78057 - Added Audit Account Lockout Successes to align with Windows 2016 STIG. - V-78059 - Added Audit Account Lockout Failures to align with Windows 2016 STIG. - V-78061 - Added Audit Other System Events Successes to align with Windows 2016 STIG. - V-78063 - Added Audit Other System Events Failures to align with Windows 2016 STIG. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R11:</p> <ul style="list-style-type: none"> - V-26531, V-26532, V-26554 - Removed OVAL content, requirement removed from the manual STIG. - V-36707 - Updated the OVAL content for the SmartScreen requirement in conjunction with the change to the manual STIG. - V-57633 - Updated OVAL content for the Audit Authorization Policy Change (Success). - V-57635 - Removed OVAL content, requirement removed from the manual STIG. - V-78057 - Added new OVAL content for the Audit Account Lockout (Success). - V-78059 - Added new OVAL content for the Audit Account Lockout (Failure). - V-78061 - Added new OVAL content for the Audit Other System Events (Success). - V-78063 - Added new OVAL content for the Audit Other System Events (Failure). 	
V2R10	- Windows 2012/2012 R2 MS STIG, V2R9	<ul style="list-style-type: none"> - The SecGuide custom admin template files have been updated to include additional configuration settings. - V-1074 - Removed specific antivirus product referenced. 	27 October 2017

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		<ul style="list-style-type: none"> - V-1089 - Removed short version of banner text as NA. - V-32272 - Clarified details apply to unclassified systems, refers to PKE documentation for other systems. - V-43239 - Changed requirement to enable command line data to be included in process creation events. - V-57653 - Clarified applicability of requirement for temporary accounts. - V-57655 - Clarified applicability of requirement for emergency administrative accounts. - V-73519 - Updated Fix to use custom administrative template for configuration. - V-73523 - Modified Check to only be a finding if SMBv1 is found. Updated Fix to use custom administrative template for configuration. - V-73805 - Updated to allow alternate method for disabling SMBv1. - V-75915 - Added requirement for unresolved SIDs found on user rights. - Removed the following requirements that provide minimal security benefit: V-36774 - Require a specific screen saver. V-36775 - Prevent screen saver change. V-26475 - Bypass traverse checking user right. V-26477 - Change the time zone user right. V-26505 - Shut down the system user right. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R10:</p> <ul style="list-style-type: none"> - Removed OVAL content for the following as requirement has been removed from the STIG: V-26475, V-26477, V-26505. - V-32282 - Added OVAL content to the benchmark. - V-43239 - Updated the OVAL content for change in requirement. 	

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		<ul style="list-style-type: none"> - V-73519 - Updated the OVAL content for SMBv1 Server requirement to pass on Windows Server 2012 R2. - V-73523 - Updated the OVAL content for SMBv1 Client requirement to pass on Windows Server 2012 R2. Updated DependOnService to be a finding only if SMBv1 is found and not specifically for other defaults. - V-73805 - Updated the OVAL content for SMBv1 Protocol requirement to allow a combination of the V-73519 and V-73523 fixes to close the requirement. 	
V2R9	- Windows 2012/2012 R2 MS STIG, V2R8	<ul style="list-style-type: none"> - V-1081 - Updated to include ReFS as an acceptable disk format. - V-1098, V-1099 - Updated reset account lockout counter to 15 minutes or greater. - V-1112 - Corrected typo referring to built-in admin account as disabled. - V-1120, V-1121 - Updated Check to more accurately verify FTP configuration. - V-14243 - Updated Rule Title to more accurately reflect requirement. - V-26602 - Clarified Rule Title; service must be disabled unless required. - V-36439 - Updated Fix to use custom admin template instead of direct registry update. - V-36451 - Clarified requirement; policy required, technical means to enforce. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R9:</p> <ul style="list-style-type: none"> - V-1081 - Updated OVAL to reflect STIG changes that allow for ReFS. - V-1098, V-1099 - Updated OVAL content for reset account lockout counter change to 15 minutes or greater. - V-1152 - Added OVAL to check permissions on Winreg registry key. - V-26070 - Added OVAL to check permissions on Winlogon registry key. 	28 July 2017

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V2R8	- Windows 2012/2012 R2 MS STIG, V2R7	<ul style="list-style-type: none"> - V-1074 - Updated requirement consistent with other Windows STIGs. Changed STIG ID. - V-1152, V-26070 - Clarified permissions must be at least as restrictive as defaults. - V-15505 - Clarified versions of service being verified. - V-40175 - Updated to require configuration of daily checks for signatures as well as a maximum age of one week. Changed STIG ID. - V-73519, V-73523 - Added requirement to disable Server Message Block (SMB) v1 on the Windows 2012 SMB server. - V-73805 - Added requirement to disable Server Message Block (SMB) v1 on Windows 2012 R2. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R8:</p> <ul style="list-style-type: none"> - V-15505 - Added OVAL to check if one of the supported versions of the McAfee agents is installed and running. - V-73519, V-73523 - Added OVAL to check if the SMBv1 protocol for the SMB server is disabled for Windows 2012. - V-73805 - Added OVAL to check if the SMB 1.0/CIFS File Sharing Support feature is disabled in Windows 2012 R2. 	28 April 2017
V2R7	- Windows 2012/2012 R2 MS STIG, V2R6	<ul style="list-style-type: none"> - V-26496 - Updated to include application exception. - V-32274 - Updated expired certificate with replacement. - V-72753 - Added requirement to disable WDigest. - Removed Error Reporting requirements: V-15714, V-15715, V-15717, V-56511, V-57453, V-57455, V-57457, V-57459, V-57463, V-57465, V-57467, V-57469, V-57471, V-57473, V-57475, V-57477, V-57479. - The following were removed by DOD Consensus: V-1158, V-1159, V-3457, V- 	27 January 2017

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		<p>3458, V-4446, V-14254, V-15719, V-16005, V-26471, V-26491, V-26495, V-36772.</p> <p>Windows 2012 and 2012 R2 MS Benchmark, V2R7:</p> <ul style="list-style-type: none"> - V-32274 - Updated OVAL with new certificate information. - Disabled the following rules in OVAL in conjunction with the removal of the requirements from the manual STIG: V-1158, V-1159, V-3457, V-3458, V-14254, V-15714, V-15715, V-15717, V-15719, V-16005, V-26471, V-26491, V-26495, V-36772, V-56511, V-57453, V-57455, V-57457, V-57459, V-57463, V-57465, V-57467, V-57469, V-57471, V-57473, V-57475, V-57477, V-57479. 	
V2R6	- Windows 2012/2012 R2 MS STIG, V2R5	<ul style="list-style-type: none"> - V-1155 - Updated to allow "Local account and member of Administrators group". - V-1163, V-1164 - Removed data in False Positive field, duplicated in Check. - V-15505 - Updated for v5 of McAfee agent. - V-32272, V-32274 - Updated PKE related requirement with current certificates. - V-3245 - Removed data in False Positive field, duplicated in Check. - V-3383 - Removed data in Potential Impacts field, duplicated in Check. - V-36663, V-36664 - Removed BIOS related requirement as outside of OS scope. - V-36667, V-36668 - Clarified for virtual machines and systems with network attached storage. - V-40193 - Removed requirement for virtual machine asset registration. - V-40195 - Removed BIOS related requirement as outside of OS scope. - V-40237 - Updated PKE related requirement with current certificates. - V-56511 - Clarified Windows Error Reporting service requirement on server core installations. 	28 October 2016

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		<ul style="list-style-type: none"> - V-57457 - Clarified requirement for location of Windows Error Reporting data. - V-57461 - Removed Windows Error Reporting port requirement, not security related. - V-57655 - Clarified requirement based on GPOS SRG update. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R6:</p> <ul style="list-style-type: none"> - V-1155 - Updated to allow “Local account and member of Administrators group”. - V-32272, V-32274, V-40237 - Updated OVAL to reference current certificates. 	
V2R5	- Windows 2012/2012 R2 MS STIG, V2R4	<ul style="list-style-type: none"> - V-1107 - Changed password history to “24”, consistent with other Windows STIGs. - V-1112 - Clarified Check, replaced DumpSec with PowerShell query. - V-1155, V-26486 - Updated to require use of “Local account” to deny access on member servers. - V-26473 - Clarified requirement, added separate Rule for member servers. - V-26602 - Corrected FTP service name. - V-36680 - Corrected location to determine if Windows Store has been installed. - V-45589 - Removed requirement to define a group for local administrator accounts. - V-57637 - Changed to CAT II. Updated PowerShell query used to determine AppLocker effective policy. - V-57721 - Corrected typo in location of event viewer file. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R5:</p> <ul style="list-style-type: none"> - Added SCAP 1.2 Validation Fixes to Windows 2012 MS STIG. - V-1107 - Modified the OVAL content to match the manual STIG update. - V-1155, V-26486 - Modified OVAL content to remove DenyNetworkAccess/ DeniedNetworkAccess groups. 	22 July 2016

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		<ul style="list-style-type: none"> - V-26473 - Split rules for DC/MS, clarification of MS allowed exceptions. - V-36680 - Corrected path referenced to determine if Windows Store has been installed. - V-45589 - Disabled rule in OVAL. 	
V2R4	- Windows 2012/2012 R2 MS STIG, V2R3	<ul style="list-style-type: none"> - Added Section 1.7 Product Approval Disclaimer to the STIG Overview document. - V-1131 - Removed requirement referencing Enpasflt password filter, which is no longer supported. - V-1150 - Raised requirement for Windows built-in password complexity to a CAT II. - V-1152 - Clarified requirement to maintain the default permissions. - V-15671 - Removed requirement preventing root certificate updates from Microsoft. - V-26070 - Clarified requirement to maintain the default permissions. - V-1080, V-1088, V-26544, V-26545 - Removed requirement due to excessive event generation. - V-26579, V-26580, V-26581, V-26582 - Corrected event log size policy name in Fix. - V-32282 - Clarified requirement to maintain the default permissions. - V-36669 - Removed requirement due to excessive event generation. - V-36690, V-36691 - Removed non-security-related requirement. - V-40166 - Removed requirement for SAMI audit data archive. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R4:</p> <ul style="list-style-type: none"> - V-1155 - Modified the OVAL to include a check for the Local account and Local account and member of Administrators, which includes the NT Authority prefix. Modified the OVAL to include an equals check for the Enterprise Admins group. - V-7002 - Added OVAL. - V-15671 - Disabled Rule. 	22 April 2016

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		<ul style="list-style-type: none"> - V-26483, V-26484, V-26485 - Modified the OVAL to include an equals check for the Enterprise Admins group. - V-26486 - Modified the OVAL to include a check for the Local account and Local account and member of Administrators, which includes the NT Authority prefix. Modified the OVAL to include an equals check for the Enterprise Admins group. - V-26544, V-26545, V-36669, V-36690, V-36691 - Disabled Rule. - V-57721 - Added OVAL. 	
V2R3	- Windows 2012/2012 R2 MS STIG, V2R2	<ul style="list-style-type: none"> - V-1074 - Removed Symantec from requirement. - V-14254 - Retargeted to member servers only. - V-36663, V-36664, V-40195 - Clarification for virtual machines. - V-57637 - Application Whitelisting requirement was raised to CAT I. - V-57657 - Removed requirement. - The following were updated to correct policy names as wells as miscellaneous text updates - V-1141, V-1158, V-1174, V-4116, V-4438, V-21956, V-21964, V-57639. - Removed EMET requirements: V-36701, V-36702, V-36703, V-36704, V-36705, V-36706, V-39137. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R3:</p> <ul style="list-style-type: none"> - V-14254 Removed from benchmark to coincide with removal from the manual STIG. - V-15823 Matched file extensions case insensitivity. - V-36701, V-36702, V-36703, V-36704, V-36705, V-36706, V-39137 - Removed requirement. - V-40237 Updated to search both path locations. - V-57633, V-57635, V-57639, V-57721 Configured new OVAL. - Removed unreferenced OVAL content. 	23 October 2015

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V2R2	- Windows 2012/2012 R2 MS STIG, V2R1	<ul style="list-style-type: none"> - V-1090 - Requirement is NA for non-domain-joined systems. - V-15680 - Requirement is NA for domain joined systems, retargeted to member servers only. - V-15719 - Requirement is NA for non-domain-joined systems. - V-21954 - Update Check procedure to verify bits, not direct registry value. - V-26482 - Updated to allow for "Virtual Machines" when Hyper-V role is installed. - V-57637 - Note added on future Severity upgrade. - EMET - The following requirements are applicable to unclassified systems: <ul style="list-style-type: none"> - V-39137 - Updated to require EMET v5.x. Support for v4.x ended 09 June 2015. - V-36701, V-36702, V-36703, V-36704, V-36705, V-36706. <p>Windows 2012 and 2012 R2 MS Benchmark, V2R2:</p> <ul style="list-style-type: none"> - V-1090 Added applicability statement. - V-1099 Modified check for account lockout policy. - V-3338, V-3339, V-3340, V-4443, V-4445 - Modified check against registry value. - V-15680 Added applicability statement. Setting is NA for domain systems. - V-15719 Added applicability statement. - V-21954 Updated registry check. - V-26482 Added Hyper-V check. - V-32272, V-32274 Added registry check. - V-39137 Updated check for EMET. 	24 July 2015