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MICROSOFT WINDOWS SERVER 2016 STIG REVISION HISTORY

Version 2, Release 9

15 November 2024

Developed by DISA for the DOD

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R9	- Windows Server 2016 STIG, V2R8	- WN16-00-000060 - Changed password length requirement in Fix to 14 characters. - Rule numbers updated throughout due to changes in content management system.	15 November 2024
V2R8	- Windows Server 2016 STIG, V2R7	- WN16-00-000060 - Changed password length to 14 characters. - WN16-00-000280 - Elevated to CAT I. - WN16-00-000320 - Rule ID updated due to changes in content management system. - WN16-PK-000010 - In Check, added Root CA 6 cert and removed end "B" for DOD Root CA 6 Thumbprint: D37ECF61C0B4ED88681EF3630C4E2FC787B37AEFB.	15 May 2024
V2R7	- Windows Server 2016 STIG, V2R6	- WN16-00-000450 - Updated fix with new web link. - WN16-CC-000555 - Added PowerShell Transcription requirement. - WN16-DC-000320, WN16-SO-000080, WN16-SO-000090, WN16-SO-000100, WN16-SO-000130, WN16-SO-000190, WN16-SO-000200, WN16-SO-000230, WN16-SO-000240 - Rule IDs updated due to changes in content management system. - WN16-PK-000010 - Updated certificate type DoD CA 6.	09 November 2023
V2R6	- Windows Server 2016 STIG, V2R5	- WN16-00-000090 - In Check, removed wording: "This is applicable to unclassified systems. For other systems, this is NA." In Check and Fix, revised link for AppLocker Deployment Guide. Replaced "whitelist" with "allowlist" throughout requirement. - WN16-00-000240 - Revised Check text and removed ESS (MACC). - WN16-AU-000220 - Removed requirement to audit Logon/Logoff - Account Lockout successes. - WN16-DC-000140 - Fixed punctuation in Rule Title. - WN16-DC-000270 - Removed requirement to audit DS Access - Directory Service Changes failures.	11 May 2023

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		<ul style="list-style-type: none"> - WN16-MS-000390 - Removed from Fix “If any SIDs are defined for the user right on nondomain-joined systems, this is a finding.” - WN16-PK-000010 - Revised Fix to add PKI link for DoD certificates. Addressed issues of STIG style compliance. - WN16-PK-000020 - Revised Check to reflected updated certificates and Fix to add PKI link for DoD certificates. - WN16-PK-000030 - Revised Check and Fix to reflect updated certificates and Fix to add PKI link for DoD certificates. - WN16-UR-000280 - Revised Check and Fix text. - Some Rule IDs updated due to changes in content management system. 	
V2R5	- Windows Server 2016 STIG, V2R4	<ul style="list-style-type: none"> - WN16-00-000030, WN16-00-000070, WN16-00-000100, WN16-00-000210, WN16-00-000220, WN16-00-000330, WN16-00-000340, WN16-CC-000090, WN16-CC-000110, WN16-MS-000020, WN16-MS-000030, WN16-MS-000040, WN16-MS-000050, WN16-MS-000120, WN16-MS-000310, WN16-MS-000340, WN16-MS-000370, WN16-MS-000380, WN16-MS-000400, WN16-MS-000410, WN16-MS-000420 - Changed wording in the Check text from “standalone” to “standalone or nondomain-joined”. - WN16-00-000230 - Changed wording in the Check and Fix text from “standalone” to “standalone or nondomain-joined”. - WN16-00-000240 - Updated Check text: “A properly configured McAfee Application Control and Change Control (MACC) module will meet the requirement for file integrity checking.” - WN16-00-000450 - Changed wording in the Check text from “standalone” to “standalone or nondomain-joined” and updated hyperlinks in Check and Fix text. - WN16-AU-000020 - Changed wording in the Rule Title, Check, and Fix text from 	14 November 2022

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		<p>“standalone” to “standalone or nondomain-joined”.</p> <ul style="list-style-type: none"> - WN16-DC-000140 – Corrected punctuation in Rule Title. - WN16-MS-000010 - Changed wording in the Rule Title and Check text from “standalone” to “standalone or nondomain-joined”. WN16-SO-000380 - Changed wording in the Discussion from “standalone” to “standalone or nondomain-joined”. - Some Rule IDs and CCIs updated due to minor changes in content management system. 	
V2R4	- Windows Server 2016 STIG, V2R3	<ul style="list-style-type: none"> - WN16-00-000220 - Updated Fix text: Configure all enabled “user” accounts to require passwords. - WN16-MS-000390 - Removed from Check text: “and standalone systems”. - WN16-PK-000010, WN16-PK-000020 - Removed all deprecated DoD Root CA 2 references. 	31 May 2022
V2R3	- Windows Server 2016 STIG, V2R2	<ul style="list-style-type: none"> - WN16-00-000030 - Updated Discussion/Fix to highly recommend use of LAPS, and AO can approve other solutions. - WN16-00-000140, WN16-00-000240, WN16-00-000320 - Replaced HBSS references with ESS. - WN16-00-000190 - Updated Check/Fix for HKEY_LOCAL_MACHINE\SYSTEM to include Server Operators – Read – This Key and subkeys (domain controllers only). - WN16-00-000240 - Removed reference to Policy Auditor. - WN16-00-000290 - Revised last six digits of Rule ID SV number; no other change. - WN16-CC-000110 - Removed Check text wording: “Current hardware and virtual environments may not support virtualization-based security features, including Credential Guard, due to specific supporting requirements, including a TPM, UEFI with 	01 November 2021

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		Secure Boot, and the capability to run the Hyper-V feature within a virtual machine.”	
V2R2	- Windows Server 2016 STIG, V2R1	<ul style="list-style-type: none"> - WN16-00-000320 - Removed HBSS wording. Updated Check and Fix and added Note section. - WN16-00-000470, WN16-00-000480 - Corrected grammar in Check finding statement. - WN16-CC-000421 - Replaced group title with SRG-OS-000095-GPOS-00049. - WN16-DC-000080 - Removed the File Explorer option from the Check. This option could impact SYS volume properties and cause corruption. 	04 May 2021
V2R1	- Windows Server 2016 STIG, V1R12	<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 V1R12 to V2R1. - WN16-00-000120 - Added language and PowerShell checks that AV exists on the server. Option given for Windows Defender or approved third-party solution. - WN16-00-000240 - 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.” - WN16-MS-000120 - Added Severity Override Guidance. - WN16-PK-000010 - Removed “If an expired certificate (“Valid to” date)” wording. - WN16-PK-000020, WN16-PK-000030 - Removed “If an expired certificate (“Valid to” date)” wording. Updated identified certificates. 	13 November 2020
V1R12	- Windows Server 2016 STIG, V1R11	- V-102623 - In Check text, separated registry settings. In Fix text, added >> Explorer Frame Pane.	17 June 2020
V1R11	- Windows Server 2016 STIG, V1R10	- V-73259 - Added Group Title. Updated Check Text to add built-in default account (Renamed, Disabled, SID ending in 503).	15 May 2020

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		- V-102623 - Added requirement: The Windows Explorer Preview pane must be disabled for Windows Server 2016.	
V1R10	- Windows Server 2016 STIG, V1R9	- V-91779 – Revised Discussion to reflect that the password must be changed twice to effectively remove the password history. “Changing once, waiting for replication to complete and the amount of time equal to or greater than the maximum Kerberos ticket lifetime, and changing again reduces the risk of issues.”	24 January 2020
V1R9	- Windows Server 2016 STIG, V1R8	<ul style="list-style-type: none"> - V-73237 - Upgraded Severity Level for requirement to CAT II in line with the Windows Server 2019 STIG. - V-73261 - Updated requirement with note excluding Trust Domain Objects (TDOs). - V-73271 - Added note to requirement regarding Adobe Preflight certificate files. - V-73281 - Modified Check and Fix text to require “DOD approved HBSS software”. - V-73497 - Corrected typo in the Discussion replacing Windows 10 with Windows Server 2016. - V-73513 - Upgraded Severity Level for requirement to CAT II in line with the Windows Server 2019 STIG. - V-73515 - Upgraded Severity Level for requirement to CAT I in line with the Windows Server 2019 STIG. - V-73517 - Removed Virtualization-based Protection of Code Integrity requirement. - V-73559 - Updated requirement with applicability note for unclassified systems. - V-73731 - Updated Check Text with correct user right. - V-90355 - Added Rule Title to requirement. Corrected typo in the Discussion replacing Windows 10 with Windows Server 2016. - V-90357 - Corrected typo in the Discussion replacing Windows 10 with Windows Server 2016. 	26 July 2019

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V1R8	- Windows Server 2016 STIG, V1R7	<ul style="list-style-type: none"> - V-73607 - Replaced FBCA Cross-Certificate Removal Tool with InstallRoot Application in Fix Text. Added new certificate. Removed expired certificates. - V-73609 - Replaced FBCA Cross-Certificate Removal Tool with InstallRoot Application in Fix Text. Removed expired certificate. - Updated the following requirements to include command line instructions for server core installations: <ul style="list-style-type: none"> - V-73309, V-73311, V-73313, V-73315, V-73317, V-73319, V-73321, V-73323, V-73325, V-73809, V-73623, V-73625, V-73729, V-73731, V-73733, V-73735, V-73737, V-73739, V-73741, V-73743, V-73745, V-73747, V-73749, V-73751, V-73753, V-73755, V-73757, V-73759, V-73761, V-73763, V-73765, V-73767, V-73769, V-73771, V-73773, V-73775, V-73777, V-73779, V-73781, V-73783, V-73785, V-73787, V-73789, V-73791, V-73793, V-73795, V-73799, V-73801, V-73803. 	26 April 2019
V1R7	- Windows Server 2016 STIG, V1R6	<ul style="list-style-type: none"> - V-91779 - Added KRBTGT password reset requirement. - V-73515 - Updated to allow only Enabled with UEFI Lock. Changed STIG ID to "MS". - V-73659 - Removed by DOD Consensus group, does not mitigate contemporary threats. - V-73665 - Added command for server core installations. - V-73671 - Removed by DOD Consensus group due to functional issues caused. - V-73685 - Added Note about potential trust issue when RC4 is still enabled in domains. - V-73689 and V-73703 - Removed by DOD Consensus group due to limited value. - V-73723 and V-73725 - Removed by DOD Consensus group, addressed by machine inactivity setting. - V-78127 - Added command for server core installations. - V-90355 - Added Secure Boot requirement. 	08 February 2019

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		<ul style="list-style-type: none"> - V-90357 - Added UEFI requirement. - V-90359 - Added Other Object Access success audit requirement. - V-90361 - Added Other Object Access failure audit requirement. 	
V1R6	- Windows Server 2016 STIG, V1R5	<ul style="list-style-type: none"> - V-73443, V-73445, V-73477, and V-73479 - Corrected group policy path. - V-73221, V-73733, V-73759, V-73771, and V-73775 - Removed exception note referencing AD admin platforms. - V-73269 - Removed requirement, addressed by product STIG. - V-73645 - Updated to clarify "0" is not allowed. - V-73515 - Updated to note as NA for domain controllers. Updated link to Microsoft documentation. 	26 October 2018
V1R5	- Windows Server 2016 STIG, V1R4	<ul style="list-style-type: none"> - V-73235 - Corrected typo in reference to NSA document, updated link. - V-73605, V-73607, and V-7609 - Updated with additional certificate. Added certificate expiration dates for reference. - V-73677 - Updated to NA for domain controllers, changed STIG ID. <p>Windows Server 2016 Benchmark, V1R6:</p> <ul style="list-style-type: none"> - V-73369 - Updated to check all files in the log path, DSA Working Directory, and DSA Database file directory. - V-73405 - Updated Application event log permissions check to address issue with Java-based scan engines. - V-73407 - Updated Security event log permissions check to address issue with Java-based scan engines. - V-73409 - Updated System event log permissions check to address issue with Java-based scan engines. - V-73605 - Updated DoD Root CA OVAL content to include additional certificate. - V-73609 - Updated DoD CCEB Interoperability Root CA OVAL content to include additional certificate. 	27 July 2018

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		<ul style="list-style-type: none"> - V-73645 - Updated Machine Inactivity OVAL content to include a value of "0" will result in a finding. - V-73677 - Updated to NA for domain controllers. 	
V1R4	- Windows Server 2016 STIG, V1R3	<ul style="list-style-type: none"> - V-73233 - Updated allowed exceptions note. - V-73243 - Removed antivirus signature requirement, addressed by AV product STIGs. - V-73389 - Updated group policy object auditing method and scope. - V-73421 - Removed Other Account Management failure event audit requirement as NA. - V-73425 - Removed Security Group Management failure event audit requirement as NA. - V-73485 - Removed Security System Extension failure event audit requirement as NA. <p>Windows Server 2016 Benchmark, V1R5:</p> <ul style="list-style-type: none"> - Updated CPE OVAL to pass only for Windows Server 2016. - V-73421, V-73425, and V-73485 - Disabled OVAL due to STIG rule removal. 	27 April 2018
V1R3	- Windows Server 2016 STIG, V1R2	<ul style="list-style-type: none"> - The SecGuide custom admin template files have been updated to include additional configuration settings. - V-73241 - Removed specific antivirus product referenced. - V-73259 - Corrected note referring to built-in administrator as disabled instead of renamed. - V-73299 - Updated to allow alternate method for disabling SMBv1. - V-73375 - Clarified changes from schema update to support Exchange are not a finding. - V-73535 - Removed requirement for untrusted font blocking due to issues. - V-73605 - Clarified details apply to unclassified systems, refers to PKE documentation for other systems. 	26 January 2018

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		<ul style="list-style-type: none"> - V-73615 - Clarified various formats may exist for individual identifiers. - V-73647 - Removed short version of banner text as NA. - V-78123 - Added as alternate method for disabling SMBv1 server. - V-78125 - Added as alternate method for disabling SMBv1 client. - V-78127 - Added requirement for unresolved SIDs found on user rights. - Corrected STIG ID referenced in Check for the following: V-73431, V-73443, V-73445, V-73447, V-73477, and V-73479. <p>Windows Server 2016 Benchmark, V1R4:</p> <ul style="list-style-type: none"> - Updated platform-specification for applicability determinations. - V-73299 - Added new OVAL content for the SMBv1 Protocol requirement. - V-73405, V-73407, V-73409, and V-73535 - New OVAL development for Windows Server 2016. - V-78123 - Added new OVAL content for the SMBv1 Server requirement. - V-78125 - Added new OVAL content for the SMBv1 Client requirement. 	
V1R2	- Windows Server 2016 STIG, V1R1	<ul style="list-style-type: none"> - V-73223 and V-73231 - Corrected typo in command used to verify requirement on member servers. - V-73261 and V-73263 - Updated member server query to filter for local accounts only. - V-73309 - Updated account lockout duration to 15 minutes or greater. 	28 July 2017
V1R1	- NA	- Initial Release.	20 January 2017