MICROSOFT (MS) WINDOWS 2012 SERVER DOMAIN NAME SYSTEM (DNS) STIG REVISION HISTORY

Version 2, Release 4

01 November 2021

Developed by DISA for the DoD

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
V2R4	- Microsoft Windows Server 2012 DNS STIG, V2R3	- WDNS-CM-000017, WDNS-CM-000018, WDNS-SI-000006 - Replaced HBSS references with Endpoint Security Solution (ESS). - WDNS-CM-000028 - Due to DoD migration to IPv6, removed requirement to disable IPv6.	01 November 2021
V2R3	- Microsoft Windows Server 2012 DNS STIG, V2R2	- WDNS-CM-000013, WDNS-CM-000026, WDNS-IA-0000002, WDNS-IA-0000004, WDNS-SC-000014, WDNS-SC-000019, WDNS-SC-000022, WDNS-SC-000031 - Added local administrator to Check and Fix text for making changes on a non-domain server. - N/A - Modified Overview with regard to Blackhole servers.	23 July 2021
V2R2	- Microsoft Windows Server 2012 DNS STIG, V2R1	- WDNS-AU-000006 - Modified check criteria to remove elements of Debug Logging.	23 April 2021
V2R1	- Microsoft Windows Server 2012 DNS STIG, V1R15	- DISA migrated the Microsoft Windows Server 2012 DNS STIG to a new content management system. The new content management system renumbered all Groups (V-numbers) and Rules (SV-numbers). With the new Group and Rule numbers, DISA incremented the version number from V1R15 to V2R1. - WDNS-AC-000001, WDNS-AU-000001, WDNS-AU-000005, WDNS-CM-000001, WDNS-CM-000003, WDNS-CM-000004, WDNS-CM-000009, WDNS-CM-000010, WDNS-CM-000013, WDNS-CM-000014, WDNS-CM-000015, WDNS-CM-000016, WDNS-CM-000019, WDNS-CM-000020, WDNS-CM-000021, WDNS-CM-000024, WDNS-CM-000025, WDNS-CM-000026, WDNS-CM-000027, WDNS-CM-000028, WDNS-IA-000001, WDNS-IA-000002, WDNS-IA-000004, WDNS-SC-000001, WDNS-SC-000003, WDNS-SC-000006, WDNS-SC-000009, WDNS-SC-000010, WDNS-SC-000013, WDNS-SC-000014, WDNS-SC-000019, WDNS-SC-000022, WDNS-SC-000025, WDNS-SC-000027,	23 October 2020

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		WDNS-SC-000031, WDNS-SI-000001, WDNS-SI-000003, WDNS-SI-000004 - Modified check and fix verbiage to add Local Administrator as logon account for DNS servers not part of the domain. - WDNS-AU-000006 - Combined V-58555, V-58563, V-58561, V-58565, V-58567, V-58569, V-58571 and V-58719 into this requirement and combined CCI controls. - WDNS-AU-000008, WDNS-AU-000010, WDNS-AU-000011, WDNS-AU-000012, WDNS-AU-000013, WDNS-AU-000014, WDNS-AU-000015, WDNS-SI-000009 - Same check and fix as V-58551. Combined into V-59551 and combined CCI controls. - WDNS-CM-000006 - Modified Fix Text to specify to implement mechanisms to assure caching server validates signed zones. - WDNS-CM-000028 - Added clarification on when IPv6 configuration. - WDNS-IA-000009 - Added clarification regarding applicability if a caching server. - WDNS-SC-000010 - Corrected Fix text to specify configuring a caching server to validate signed zones. - WDNS-SC-000022 - Added caveat that if caching server requirement is N/A.	
V1R15	- Microsoft Windows Server 2012 DNS STIG, V1R14	- V-58551 - Modified check content to add note specifying "UseSystemEventLog" is allowed to be False if using a different log file destination.	24 July 2020
V1R14	- Microsoft Windows Server 2012 DNS STIG, V1R13	- V-58715 - Added statement about requirement not being applicable if only AD-integrated zones. - V-58621 - Added verbiage to Vulnerability discussion about regardomg exceptions. Added verbiage to finding statement to reflect specific meaning of lesser zones. - V-58627 - Rule Title, Check, and Fix reworded to state that if IPv6 DNS records are hosted, this check is not applicable.	24 April 2020

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V1R13	- Microsoft Windows Server 2012 DNS STIG, V1R12	- V-58593 - Corrected nslookup command syntax. - V-58551 - Modified fix criteria for correct syntax for expected outcome. - V-58617 - Clarified check criteria regarding IAVMs. - V-58627 - Added registry key alternative Fix. - V-58573, V-58577, V-58579, V-58581, V-58593, V-58595, V-58605, V-58607, V-58617 - Corrected all requirement verbiage to read "Windows 2012 DNS Server" instead of "Windows 2008 DNS Server". - V-58633, V-58695, V-58711, V-58713, V-58717 - Corrected all requirement verbiage to read "Windows DNS Server" instead of "Windows 2008 DNS Server". - V-58641, V-58643, V-58645 - Modified check criteria to allow for a N/A finding if Crypto folder does not exist.	24 January 2020
V1R12	- Microsoft Windows Server 2012 DNS STIG, V1R11	- V-58615 - Provided additional information in Check and Fix on removing root hints. - V-58645 - Modified permissions conflict between V58641 and V58645. - V-58627 - Updated Check and Fix with respect to disabling IPv6. - V-58553 - Corrected format of Check content to provide clarity. - V-58583 - Added note that requirement is Not Applicable if DNS server is not providing a caching role.	26 July 2019
V1R11	- Microsoft Windows Server 2012 DNS STIG, V1R10	- V-58611 - Provided clarification regarding delegation of administration of DNS zones. - V-58627 - Added alternative method for disabling IPv6, consistent with vendor documentation. - V-58629 - Corrected Check content verbiage for UDP port.	25 January 2019
V1R10	- Microsoft Windows Server 2012 DNS STIG, V1R9	- V-58553, Check content verbiage brought consist with Windows 2012 R2 STIG verbiage for same control. - V-58587, Modified Check content for Not Applicable statement for classified networks.	27 July 2018

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V1R9	- Microsoft Windows Server 2012 DNS STIG, V1R8	- V-58551, V-58555, Provided clarification on validating events being logged. - V-58593, Modified check criteria to specify Not Applicable to Windows DNS servers only serving as a recursive caching server and which do not host any zones authoritatively. Provided additional method for validating check criteria via nslookup from other than the system being reviewed. - V-59645, Modified check and fix criteria to add Read/Execute and List Folder contents as allowed permissions to the %ALLUSERSPROFILE%\Microsoft\Crypto.	27 April 2018
V1R8	- Microsoft Windows Server 2012 DNS STIG, V1R7	- V-58551, Modified check/fix criteria to identify required data elements to audit. - V-58555, Modified check/fix criteria to identify required data elements to audit. - V-58587, Added note with respect to AD-integrated zones. - V-58547, Modified check finding statement to reference Windows 2012 instead of Windows 2008.	26 January 2018
V1R7	- Microsoft Windows Server 2012 DNS STIG, V1R6	- V-58557, V-58575, V-58589, V-58591, V-58599, V-58601, V-58631, V-58639, V-58647, V-58651, V-58653, V-58657, V-58659, V-58663, V-58665, V-58667, V-58669, V-58671, V-58673, V-58675, V-58677, V-58679, V-58681, V-58683, V-58687, V-58689, V-58701, V-58703, V-58705, V-58717, Modified check content for DNSSEC requirement to be N/A in a solely AD-integrated DNS environment supporting only AD zones on classified networks. - V-58631, Modified check content to allow Dynamic updates to also be set to "none".	28 July 2017
V1R6	- Microsoft Windows Server 2012 DNS STIG, V1R5 - Microsoft Windows	- Overview, added verbiage regarding Blackhole name servers and DNSSEC. - V-58671, corrected vulnerability discussion and check/fix content to reflect that DS records must be present but are not added by DNSSEC signing and are added manually.	28 April 2017

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
	Server 2012 DNS STIG Overview	- V-58579, V-58581, modified check content to reflect scenarios of DNS on Classified network. - V-58585, modified check content to provide clarity regarding using name servers for blackhole. - V-58615, modified check content to reflect scenarios of DNS on Classified network.	
V1R5	- Microsoft Windows Server 2012 DNS STIG, V1R4	- V-58587, V-58635, V-58639, V-58653, V-58657, V-58659, V-58663, V-58665, V-58671, V-58679, V-58681, V-58683, V-58687, V-58689, V-58701, V-58703, V-58705 – Modified check and fix verbiage to reflect where the requirement is to be validated/configured. - V-58693 – Modified check and fix verbiage to reflect the intent and extent of requirement. - V-58589 – Modified check verbiage. - V-58673 – Added note for AD integrated zones.	27 January 2017
V1R4	- Microsoft Windows Server 2012 DNS STIG, V1R3	- WDNS-CM-000014 - Modified requirement to remove the DS (Delegation Signer) entry from the Check content. - WDNS-CM-000020 – Modified the verbiage in the requirement to clarify where to run PowerShell.	22 July 2016
V1R3	- Microsoft Windows Server 2012 DNS STIG Overview	- Added verbiage to Section 2.1 specifying diagnostic logging in Windows 2012 R2 requires hotfix KB2956577.	22 January 2016
V1R3	- Microsoft Windows Server 2012 DNS STIG, V1R2	- WDNS-SI-000004, clarification on using TXT Resource Records.	22 January 2016
V1R2	- Microsoft Windows Server 2012 DNS STIG, V1R1	- Modified Section 3.1 to include verbiage regarding DNNSEC on Classified networks.	23 October 2015
V1R1	- N/A	- Initial Release.	23 March 2015