CISCO IOS XR ROUTER STIG
REVISION HISTORY

24 October 2024

Developed by DISA for the DOD

REVISION HISTORY		
Document Revised	**Description of Change**	**Release Date**
- Cisco IOS XR Router NDM STIG, V3R1 - Cisco IOS XR Router RTR STIG, V3R1	**Cisco IOS XR Router NDM STIG, V3R2:** - CISC-ND-000470 - Updated requirement to address the call home feature. **Cisco IOS XR Router RTR STIG, V3R2:** - CISC-RT-000010 - Updated Check text to include VRF. - CISC-RT-000050 - Updated MD5 note in check text. - CISC-RT-000320 - Updated Discussion.	24 October 2024
- Cisco IOS XR Router NDM STIG, V2R5 - Cisco IOS XR Router RTR STIG, V2R4	**Cisco IOS XR Router NDM STIG, V3R1:** - CISC-ND-000140, CISC-ND-001000, CISC-ND-001030 - Updated based on NIST SP 800-53 Rev. 5 changes. **Cisco IOS XR Router RTR STIG, V3R1:** - CISC-RT-000400, CISC-RT-000580, CISC-RT-000590, CISC-RT-000630, CISC-RT-000640, CISC-RT-000650, CISC-RT-000670, CISC-RT-000950 - Updated based on NIST SP 800-53 Rev. 5 changes. - Because this is a major revision, version numbers were incremented to the next whole number. - Rule numbers updated throughout due to changes in content management system.	24 July 2024
- Cisco IOS XR Router NDM STIG, V2R4	**Cisco IOS XR Router NDM STIG, V2R5:** - CISC-ND-000470 - Added call home to check text and no call home to fix text.	24 January 2024
- Cisco IOS XR Router RTR STIG, V2R3 - Cisco IOS XR Router NDM STIG, V2R3	**Cisco IOS XR Router RTR STIG, V2R4:** - CISC-RT-000020, CISC-RT-000030, CISC-RT-000040 - Merged into CISC-RT-000050. - CISC-RT-000050 - Updated requirement to reflect OSPF and BGP keychains. **Cisco IOS XR Router NDM STIG, V2R4:** - CISC-ND-000290 - Updated the check to reference interface ACLs. - CISC-ND-000720 - Rule number updated due to changes in content management system.	25 October 2023

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	- Revision History format for multipart STIGs revised to ensure clarity in the versioning.	

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V2R5	- Cisco IOS XR Router STIG, V2R4	**Cisco IOS XR Router RTR STIG, V2R3:** - CISC-RT-000760, CISC-RT-000770 - Removed reference to QOS DODIN Technical Profile. **Cisco IOS XR Router NDM STIG, V2R3:** - No change in this quarter.		26 July 2023
V2R4	- Cisco IOS XR Router STIG, V2R3	**Cisco IOS XR Router NDM STIG, V2R3:** - CISC-ND-000720 - Changed idle timeout to five minutes. - CISC-ND-001370 - Changed requirement to utilize redundant authentication servers. Updated CCI. - CISC-ND-001450 - Changed requirement to utilize redundant syslog servers. Updated CCI. - Rule numbers updated throughout due to changes in content management system. **Cisco IOS XR Router RTR STIG, V2R2:** -No change in this quarter.		07 June 2023
V2R3	- Cisco IOS XR Router STIG, V2R2	**Cisco IOS XR Router RTR STIG, V2R2:** - CISC-RT-000040 - Updated check and fix for BGP TCP-AO. - CISC-RT-000080 - Removed and addressed in the NDM STIG. - CISC-RT-000235 - Added missing finding statement. - Rule Keys updated due to changes in content management system.		27 April 2023
V2R2	- Cisco IOS XR Router STIG, V2R1	**Cisco IOS XR Router NDM STIG, V2R2:** CISC-ND-000490 - Updated vulnerability discussion to allow secure network location for 'break glass' passwords.		23 April 2021

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V2R1	- Cisco IOS XR Router STIG, V1R4	**Cisco IOS XR Router NDM STIG, V2R1:** - DISA migrated the Cisco IOS XR Router NDM 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 V1R4 to V2R1. **-** CISC-ND-000140 - Updated check and fix to include log-input on deny statement. - CISC-ND-001280 - Removed requirement. **Cisco IOS XR Router RTR STIG, V2R1:** - CISC-RT-000020 - Updated vulnerability discussion to clarify the requirement. - CISC-RT-000080 - Updated check to clarify the requirement. - CISC-RT-000235 - Added requirement to enable IPv4 and IPv6 CEF. - CISC-RT-000236 - Added requirement to set hop limit to at least 32 for IPv6 stateless auto-configuration deployments. - CISC-RT-000237 - Added requirement to prohibit use of IPv6 Site Local addresses. - CISC-RT-000391 - Added requirement to suppress IPv6 Router Advertisements at external interfaces. - CISC-RT-000392 - Added requirement to drop IPv6 undetermined transport packets. - CISC-RT-000393 - Added requirement to drop IPv6 packets with a Routing Header type 0, 1, or 3-255. - CISC-RT-000394 - Added requirement to drop IPv6 packets containing a Hop-by-Hop header with invalid option type values. - CISC-RT-000395 - Added requirement to drop IPv6 packets containing a Destination Option header with invalid option type values. - CISC-RT-000396 - Added requirement to drop IPv6 packets containing an extension header with the Endpoint Identification option.	23 October 2020

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		- CISC-RT-000397 - Added requirement to drop IPv6 packets containing the NSAP address option within Destination Option header. - CISC-RT-000398 - Added requirement to drop IPv6 packets containing a Hop-by-Hop or Destination Option extension header with an undefined option type.	
V1R4	- Cisco IOS XR Router STIG, V1R3	**Cisco IOS XR Router NDM STIG, V1R4:** - V-96497 - Mapped to SRG-APP-000516-NDM-000350. - V-96501 - Mapped to SRG-APP-000516-NDM-000351. - V-96373, V-96375, V-96377, V-96385, V-96387, V-96389, V-96399, V-96401, V-96405, V-96409, V-96411, V-96415, V-96417, V-96419, V-96423, V-96425, V-96427, V-96429, V-96431, V-96435, V-96437, V-96439, V-96441, V-96445, V-96455, V-96457, V-96459, V-96461, V-96469, V-96471, V-96479, V-96481, V-96485, V-96487, V-96489, V-96493, V-96499 - Removed Requirements. **Cisco IOS XR Router RTR STIG, V1R4:** - V-96819 - Changed rule title to PE router. - V-96679 - Remapped to SRG-NET-000230-RTR-000001. - V-96681 - Remapped to SRG-NET-000230-RTR-000003. - V-96691 - Remapped to SRG-NET-000131-RTR-000083. - V-96725 - Remapped to SRG-NET-000205-RTR-000014. - V-96733 - Remapped to SRG-NET-000205-RTR-000015. - V-96757 - Remapped to SRG-NET-000362-RTR-000124. - V-96759 - Remapped to SRG-NET-000230-RTR-000002. - V-96813 - Remapped to SRG-NET-000205-RTR-000016.	24 July 2020

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V1R3	- Cisco IOS XR Router STIG, V1R2	**Cisco IOS XR Router NDM STIG, V1R3:** - V-96497 - Changed to CAT 1. **Cisco IOS XR Router RTR STIG, V1R3:** - V-96719 - Provided clarification in the check content. - V-96721 - Corrected typo in discussion. - V-96815, V-96817 - Provided link to GTP QOS document in check and fix content.	24 April 2020
V1R2	- Cisco IOS XR Router STIG, V1R1	**Cisco IOS XR Router NDM STIG, V1R2:** - V-96391 - Removed CISC-ND-000230. - V-96433 - Removed CISC-ND-000840. - V-96491 - Corrected rule title. **Cisco IOS XR Router RTR STIG, V1R2:** - V-96695 - Corrected typo in check content. - V-96713 - Corrected check and fix content.	24 January 2020
V1R1	- NA	- Initial Release.	19 July 2019