

UNCLASSIFIED



ORACLE LINUX 8 STIG REVISION HISTORY

Version 2, Release 4

02 April 2025

Developed by Oracle and DISA for the DOD

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R4	- Oracle Linux 8, V2R3	<ul style="list-style-type: none"> - OL08-00-010020 - Updated GRUB Check Text output. - OL08-00-010293 - Updated Check Text command and output. - OL08-00-010360 - Updated Check and Fix Text. - OL08-00-010423 - Updated Rule Title, Discussion, Check Text, and Fix Text. - OL08-00-010424 - Updated Check Text. - OL08-00-020039, OL08-00-020040, OL08-00-020041, OL08-00-020042, OL08-00-020070 - Removed tmux control. - OL08-00-030361 - Updated Fix Text. - OL08-00-030720 - Added "not a finding" comment to Check Text. - OL08-00-040370 - Added NA note to Check Text. 	02 April 2025
V2R3	- Oracle Linux 8, V2R2	<ul style="list-style-type: none"> - OL08-00-010130 - Updated hashing rounds to 100000 minimum. - Rule numbers updated throughout due to changes in content management system. 	30 January 2025
V2R2	- Oracle Linux 8, V2R1	<ul style="list-style-type: none"> - OL08-00-010030 - Upgraded severity to CAT I. 	24 October 2024
V2R1	- Oracle Linux 8, V1R10	<ul style="list-style-type: none"> - OL08-00-030180, OL08-00-030181, OL08-00-010090, OL08-00-010110, OL08-00-010120, OL08-00-010130, OL08-00-010200, OL08-00-010201, OL08-00-010370, OL08-00-010371, OL08-00-010372, OL08-00-010380, OL08-00-010381, OL08-00-010384, OL08-00-010390, OL08-00-010400, OL08-00-010550, OL08-00-020030, OL08-00-020039, OL08-00-020040, OL08-00-020041, OL08-00-020042, OL08-00-020043, OL08-00-020050, OL08-00-020110, OL08-00-020120, OL08-00-020130, OL08-00-020140, OL08-00-020150, OL08-00-020160, OL08-00-020170, OL08-00-020180, OL08-00-020190, OL08-00-020200, OL08-00-020210, OL08-00-020230, OL08-00-020231, OL08-00-020250, OL08-00-020260, OL08-00-020261, OL08-00-020280, OL08-00-030130, OL08-00-030140, OL08-00-030150, OL08- 	24 July 2024

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Revision Number	Document Revised	Description of Change	Release Date
		00-030160, OL08-00-030170, OL08-00-030171, OL08-00-030172, OL08-00-030740, OL08-00-010385, OL08-00-010019, OL08-00-040080, OL08-00-040139, OL08-00-040141, - Updated based on NIST SP 800-53 Rev. 5 changes. - OL08-00-010001, OL08-00-020220, OL08-00-020221 - Removed 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.	
V1R10	- Oracle Linux 8, V1R9	- OL08-00-010040, OL08-00-010200, OL08-00-010201, OL08-00-010500, OL08-00-010520, OL08-00-010521, OL08-00-010550, OL08-00-010830, OL08-00-020330, OL08-00-020350, OL08-00-040340, OL08-00-040341 - Updated Check Text command syntax for sshd configurations. - OL08-00-010070 - Updated Check Text command syntax. - OL08-00-010423 - Clarified finding statement. - OL08-00-010424 - Corrected typo in Check and Fix Text. - OL08-00-010522 - Updated Check Text command syntax for sshd configurations and updated search command syntax. - OL08-00-030610 - Updated command syntax. - OL08-00-040161 - Removed irrelevant phrase from the Discussion and updated Check Text command syntax for sshd configurations.	24 April 2024
V1R9	- Oracle Linux 8, V1R8	- OL08-00-010001 - Removed "OPORD 16-0080" statement from Check Text. - OL08-00-010471 - Changed STIG ID to OL08-00-010473 to align with dependency order. - OL08-00-020250, OL08-00-020290 - Added "/etc/sss/conf.d/*.conf" to Check Text.	24 January 2024

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - OL08-00-040020, OL08-00-040021, OL08-00-040022, OL08-00-040023, OL08-00-040024, OL08-00-040025, OL08-00-040026, OL08-00-040080, OL08-00-040111 - Revised the usage of "/bin/true". - OL08-00-040090 - Included additional finding statements. 	
V1R8	- Oracle Linux 8, V1R7	<ul style="list-style-type: none"> - OL08-00-010020, OL08-00-010471 - Updated for style guide compliance. - OL08-00-030741, OL08-00-030742 - Revised NTP guidance. Updated for style guide compliance. - OL08-00-040284 - Revised user namespaces guidance. - OL08-00-040400 - Revised SELinux guidance. Updated for style guide compliance. 	25 October 2023
V1R7	- Oracle Linux 8, V1R6	<ul style="list-style-type: none"> - OL08-00-010030, OL08-00-030690 - Clarified syslog UDP and VM FDE. - OL08-00-010200 - Clarified SSH ClientAliveCountMax wording. - OL08-00-010290, OL08-00-010291, OL08-00-040342 - Revised ".openssh.com" algorithms. - OL08-00-010376 - Created new rule for "kexec_file_load" in UEK. - OL08-00-010471 - Revised use of "rngd" in FIPS mode. - OL08-00-020035 - Created new rule for logind idle timeout. - OL08-00-020041 - Revised existing rule related to logind idle timeout. 	26 July 2023
V1R6	- Oracle Linux 8, V1R5	<ul style="list-style-type: none"> - OL08-00-010019 - Created new rule to ensure vendor GPG keys are installed. - OL08-00-010358 - Created new rule for "mailx". - OL08-00-010360 - Updated cron configuration for AIDE. - OL08-00-010540, OL08-00-010541, OL08-00-010544, OL08-00-010800 - Updated command output text in the Check Text to match OS version. - OL08-00-020040 - Corrected Check Text command syntax. 	27 April 2023

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - OL08-00-020100, OL08-00-020101, OL08-00-020102, OL08-00-020103, OL08-00-020220, OL08-00-020221 - Updated PAM configuration. - OL08-00-020270 - Revised explanation of emergency account versus temporary account. - OL08-00-040150 - Corrected Fix Text typo. 	
V1R5	- Oracle Linux 8, V1R4	<ul style="list-style-type: none"> - Rule numbers updated throughout due to changes in content management system. - OL08-00-010130, OL08-00-010381, OL08-00-030650 - Replaced "egrep" with "grep -E" in Check Text. - OL08-00-010359 - Updated Check and Fix Text to include AIDE initialization steps. - OL08-00-010360 - Removed lines from Check Text for checking if AIDE is installed; updated Check and Fix Text to correct mail spool location, replaced IAM with ISSM in Discussion. - OL08-00-010379, OL08-00-010383, OL08-00-010384 - Replaced "egrep" with "grep -E" in check text. Updated formatting in the Fix Text. - OL08-00-010490 - Updated requirement to reflect revised SSH key permissions guidance from vendor. Updated formatting in the Check and Fix Text. - OL08-00-010510 - Deleted rule as it is not applicable to Oracle Linux 8. - OL08-00-010740 - Replaced smart quotes in Check Text. Updated formatting in the Fix Text. - OL08-00-020040 - Added manual locking for TMUX to Check and Fix Text. - OL08-00-020041 - Updated Check and Fix Text TMUX configuration. - OL08-00-040310 - Removed lines from Check Text for checking if AIDE is installed; replaced "egrep" with "grep -E" in Check Text. - OL08-00-040342 - Created new rule for SSH key exchange algorithms configuration. 	26 January 2023

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Revision Number	Document Revised	Description of Change	Release Date
V1R4	- Oracle Linux 8, V1R3	<ul style="list-style-type: none"> - OL08-00-010040, OL08-00-010201, OL08-00-010500, OL08-00-010510, OL08-00-010520, OL08-00-010521, OL08-00-010522, OL08-00-010550, OL08-00-010830, OL08-00-020330, OL08-00-040340, OL08-00-040341, OL08-00-040161 - Updated Check Text to include sshd_config.d directories. - OL08-00-010090, OL08-00-020090 - Updated Check T NA statement. - OL08-00-010200 - Updated Check Text to include sshd_config.d directories and updated Check and Fix ClientAliveCountMax value to 1. - OL08-00-010372, OL08-00-010373, OL08-00-010374, OL08-00-010375, OL08-00-010376, OL08-00-010383, OL08-00-010384, OL08-00-010430, OL08-00-010671, OL08-00-020110, OL08-00-020120, OL08-00-020130, OL08-00-020140, OL08-00-020150, OL08-00-020160, OL08-00-020170, OL08-00-020230, OL08-00-020280, OL08-00-020300, OL08-00-040209, OL08-00-040210, OL08-00-040220, OL08-00-040230, OL08-00-040239, OL08-00-040240, OL08-00-040249, OL08-00-040250, OL08-00-040259, OL08-00-040260, OL08-00-040261, OL08-00-040262, OL08-00-040270, OL08-00-040279, OL08-00-040280, OL08-00-040281, OL08-00-040282, OL08-00-040283, OL08-00-040284, OL08-00-040285, OL08-00-040286 - Updated Fix Text. - OL08-00-010400 - Updated Check Text and added NA statement. - OL08-00-020104, OL08-00-040137 - Updated Check and Fix Text. - OL08-00-020190 - Fixed typo in the Rule Title. - OL08-00-020340 - Updated CCI. - OL08-00-020350 - Updated Check Text to include sshd_config.d directories and updated CCI. - OL08-00-020352 - Updated Check Text command to eliminate false positives. 	27 October 2022

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Revision Number	Document Revised	Description of Change	Release Date
V1R3	- Oracle Linux 8, V1R2	<ul style="list-style-type: none"> - OL08-00-010380, OL08-00-030650, OL08-00-040111 - Updated Check and Fix Text. - OL08-00-010372, OL08-00-010373, OL08-00-010374, OL08-00-010375, OL08-00-010376, OL08-00-010379, OL08-00-010383, OL08-00-010384, OL08-00-010430, OL08-00-010671, OL08-00-020104, OL08-00-020110, OL08-00-020120, OL08-00-020130, OL08-00-020140, OL08-00-020150, OL08-00-020160, OL08-00-020170, OL08-00-020230, OL08-00-020280, OL08-00-020300, OL08-00-040209, OL08-00-040210, OL08-00-040220, OL08-00-040230, OL08-00-040239, OL08-00-040240, OL08-00-040249, OL08-00-040250, OL08-00-040259, OL08-00-040260, OL08-00-040261, OL08-00-040262, OL08-00-040270, OL08-00-040279, OL08-00-040280, OL08-00-040281, OL08-00-040282, OL08-00-040283, OL08-00-040284, OL08-00-040285, OL08-00-040286 - Updated Check Text. - OL08-00-030270 - Removed requirement; this is covered under OL08-00-030200. - OL08-00-040170 - Updated Fix Text. 	27 July 2022
V1R2	- Oracle Linux 8, V1R1	<ul style="list-style-type: none"> - OL08-00-010020, OL08-00-010159, OL08-00-010160, OL08-00-010287, OL08-00-010294, OL08-00-010372, OL08-00-010373, OL08-00-010374, OL08-00-010375, OL08-00-010376, OL08-00-010671, OL08-00-010430, OL08-00-040209, OL08-00-040210, OL08-00-040220, OL08-00-040230, OL08-00-040239, OL08-00-040240, OL08-00-040249, OL08-00-040250, OL08-00-040261, OL08-00-040262, OL08-00-040270, OL08-00-040279, OL08-00-040280, OL08-00-040281, OL08-00-040282, OL08-00-040283, OL08-00-040284, OL08-00-040285, OL08-00-040286- Updated the Discussion and Check Text. - OL08-00-010030 - Updated Check content and Severity. - OL08-00-010090, OL08-00-040080, OL08-00-040090 - Updated Fix content. 	27 April 2022

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - OL08-00-010121 - Added requirement to not allow accounts configured with blank or null passwords. - OL08-00-010130, OL08-00-020220 - Updated Rule Title, Check, and Fix content. - OL08-00-010131 - Merged with OL08-00010130. - OL08-00-010141, OL08-00-010149 - Clarified the Discussion and Check Text. - OL08-00-010180 - Removed requirement. This is covered in OL08-00-010700. - OL08-00-010295, OL08-00-030181 - Fixed typo in Check Text. - OL08-00-010300, OL08-00-010330 - Fixed typo throughout. - OL08-00-010320 - Updated Check Text and finding statement. - OL08-00-010331 - Added requirement to set library directories to a mode of 755 or less permissive. - OL08-00-010341 - Added requirement to have library directories owned by root. - OL08-00-010351 - Added requirement to have library directories group-owned by root. - OL08-00-010359 - Added requirement for file integrity tool to be installed. - OL08-00-010379 - Added requirement to specify the default "include" directory for the /etc/sudoers file. - OL08-00-010383, OL08-00-010384 - Updated the finding statement. - OL08-00-010385 - Added requirement to explicitly prevent the bypass of password requirements for privilege escalation. - OL08-00-010400 - Updated the Discussion and Fix Text. - OL08-00-010560 - Removed requirement. Requirement is satisfied by OL08-00030181. - OL08-00-010572 - Updated Check command output. - OL08-00-020041, OL08-00-020353, OL08-00-040020, OL08-00-040024, OL08-00-040137 - Updated Check and Fix content. OL08-00-020050 - Updated Check content. 	

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - OL08-00-020100 - Updated CCI, Rule Title, Check, and Fix content. - OL08-00-020101 - Added requirement to ensure the password complexity module is enabled in the system-auth file. - OL08-00-020102 - Added requirement for systems below version 8.4 to ensure the password complexity module in the system-auth file is configured for three retries or less. - OL08-00-020103 - Added requirement for systems below version 8.4 to ensure the password complexity module in the password-auth file is configured for three retries or less. - OL08-00-020104 - Added requirement for systems version 8.4 and above to ensure the password complexity module is configured for three retries or less. - OL08-00-020140 - Updated Check content. - OL08-00-020221 - Added requirement to set password reuse minimum in the system-auth file. - OL08-00-030050 - Removed requirement. CCI is satisfied by OL08-00030060. - OL08-00-030200 - Grouped like syscalls into this requirement. - OL08-00-030210, OL08-00-030220, OL08-00-030230, OL08-00-030240 - Merged with OL08-00-030200. - OL08-00-030360, OL08-00-030361, OL08-00-030420, OL08-00-030480, OL08-00-030490 - Grouped like syscalls into this requirement. - OL08-00-030362, OL08-00-030363, OL08-00-030364, OL08-00-030365, OL08-00-030380 - Merged with OL08-00030360. - OL08-00-030430, OL08-00-030440, OL08-00-030450, OL08-00-030460, OL08-00-030470 - Merged with OL08-00030420. - OL08-00-030500, OL08-00-030510, OL08-00-030520, OL08-00-030530, OL08-00-030540 - Merged with OL08-00-030490. - OL08-00-030660 - Updated Check command syntax. 	

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none">- OL08-00-030710 - Fixed typo in the finding statement.- OL08-00-040081 - Merged with OL08-00-040080.- OL08-00-040259 - Separated IPv4 requirement from OL08-00-040260.- OL08-00-040260 - Updated the Rule Title, Discussion, Check, and Fix Text.- OL08-00-040321 - Added requirement for default interface target.	
V1R1	- NA	- Initial Release.	16 July 2021