

UNCLASSIFIED



ORACLE LINUX 8 STIG REVISION HISTORY

Version 2, Release 9

01 July 2026

Developed by Oracle and DISA for the DOD

UNCLASSIFIED

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R9	Oracle Linux 8 STIG, V2R8	- OL08-00-010120 - Updated Check command to return usernames for the Admin to inspect. - OL08-00-010181 - Added comma to Check. - OL08-00-010371 - Updated gpgcheck value to "1" across Linux distros. - OL08-00-010430 - Updated Check to verify that config files are shown and updated Fix to allow writing into the sysctl.d directory. - OL08-00-010451 - Added SELinux context elevation requirement. - OL08-00-010490 - Updated SSH private host key files permissions to "0600". - OL08-00-020060 - Updated GNOME idle delay to 10 minutes. - OL08-00-030000 - Corrected typo in Check and Fix 32-bit gid rule. - OL08-00-040010 - Updated EPEL requirement in accordance with Oracle guidance. - OL08-00-040281 - Corrected typo from "nonprivileged" to "unprivileged".	01 July 2026
V2R8	- Oracle Linux 8, V2R7	- OL08-00-010010 - Added NA note for noninternet-connected systems. - OL08-00-010180 - Added requirement to require the installation of the crypto-policies package. - OL08-00-010181 - Added requirement to implement a FIPS 140-3-compliant systemwide cryptographic policy. - OL08-00-010182 - Added requirement to enable FIPS mode. - OL08-00-010183 - Added requirement to ensure cryptographic policy is not overridden. - OL08-00-010184 - Added SSH client cipher crypto-policies configuration requirement. - OL08-00-010185 - Added SSH client MAC crypto-policies requirement. - OL08-00-010186 - Added requirement requiring IP tunnels to use crypto-policies. - OL08-00-010187 - Added requirement to implement DOD-approved encryption in the bind package.	01 April 2026

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		- OL08-00-010287, OL08-00-010293, OL08-00-010294, OL08-00-010295, OL08-00-040342 - Removed redundant requirement. - OL08-00-010290 - Updated Severity and added CCI. - OL08-00-010291 - Updated Severity, SRGID, and added CCI. - OL08-00-010572, OL08-00-010580 - Removed vfat note. - OL08-00-020010, OL08-00-020012, OL08-00-020014, OL08-00-020016, OL08-00-020018, OL08-00-020020, OL08-00-020022 - Removed NA note. - OL08-00-020231 - Removed deprecated PASS_MIN_LEN requirement. - OL08-00-020262 - Updated SRGID and CCI. - OL08-00-040281 - Corrected typo in Check command and output. - OL08-00-040370 - Updated Check to include note for systems using NFS.	
V2R7	- Oracle Linux 8, V2R6	- OL08-00-010372, OL08-00-010373, OL08-00-010374, OL08-00-010375, OL08-00-010376, OL08-00-010430, OL08-00-010671, 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 - Backported checks from OL9 STIG to the OL8 STIG to only reference using dropfiles for the settings. - OL08-00-010000 - Added release dates to Discussion and updated versioning in Check text command output. - OL08-00-010700 - Removed requirement; functionality handled by rsyslog. - OL08-00-010291, OL08-00-020340 - Updated SSH server crypto-policies.	05 January 2026

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		- OL08-00-010290 - Updated SSH server MACs crypto-policies. - OL08-00-010572, OL08-00-010580 - Added NA note for vfat file systems. - OL08-00-010630, OL08-00-010640, OL08-00-010650 - Added NA statement to NFS-related requirements. - OL08-00-010660 - Removed conflicting requirement. - OL08-00-010672, OL08-00-010674, OL08-00-010675 - Added NA statement to kernel dumps requirements disabled by OL08-00-010671 and OL09-00-002380. - OL08-00-010673 - Updated kdump requirement to remove conflicting entries and added NA note. - OL08-00-020035 - Changed StopIdleSessionSec to 10 minutes of inactivity. - OL08-00-020040 - Added TMOUT requirement to enforce interactive session timeout. - OL08-00-020060 - Updated GNOME session lock to 10 minutes of inactivity with "idle-delay". - OL08-00-030000 - Added "-F euid=0" filter to audit rule. - OL08-00-030645 - Removed "auditctl" from Fix. - OL08-00-040070 - Updated autofs requirement to prohibit the service. - OL08-00-040172 - Updated requirement to use dropfiles for the CtrlAltDelBurstAction setting. - Rule numbers updated throughout due to changes in content management system.	

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R6	- Oracle Linux 8, V2R5	- OL08-00-010293 - Updated Check Text to include an additional check and condition for verifying the FIPS policy and clarified Fix Text. - OL08-00-010360 - Removed errant script from/updated Check Text and updated Fix Text to run a daily check. - OL08-00-040010 - Replaced “rsh-server removal” control with a “no EPEL” rule. - Rule numbers updated throughout due to changes in the content management system.	01 October 2025
V2R5	- Oracle Linux 8, V2R4	- OL08-00-010330, OL08-00-010350 - Added “/usr/lib64” to Check and Fix Text paths. - OL08-00-010340 - Updated Check and Fix commands for library files ownership update. - OL08-00-010380 - Updated sudoers “NOPASSWD” Check command. - OL08-00-010381 - Updated Check command to split the search for “NOPASSWD” and “!authenticate”. - OL08-00-010382 - Updated sudoers “ALL” Check command. - OL08-00-030645 - Added control to audit any script or executable called by cron as root or by any privileged user. - OL08-00-030730 - Updated verbiage in Discussion, Check, and Fix to allow for the “space_left” keyword to be set to 25 percent or greater. - OL08-00-040350 - Updated tftp.server commands.	02 July 2025

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R4	- Oracle Linux 8, V2R3	- 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 requirements. - 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	- OL08-00-010130 - Updated hashing rounds to 100000 minimum. - Rule numbers updated throughout due to changes in the content management system.	30 January 2025
V2R2	- Oracle Linux 8, V2R1	- OL08-00-010030 - Upgraded severity to CAT I.	24 October 2024

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R1	- Oracle Linux 8, V1R10	- 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, OL08-00-030160, 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 the content management system.	24 July 2024

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
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. - 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.	24 January 2024

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R8	- Oracle Linux 8, V1R7	- 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	- 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

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R6	- Oracle Linux 8, V1R5	- 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. - 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.	27 April 2023

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R5	- Oracle Linux 8, V1R4	- 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

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R4	- Oracle Linux 8, V1R3	- 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

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V1R3	- Oracle Linux 8, V1R2	- 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	- 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
		- 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.	

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		OL08-00-020050 - Updated Check content. - 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.	

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		- OL08-00-030660 - Updated Check command syntax. - 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