

UNCLASSIFIED



ORACLE LINUX 8 STIG REVISION HISTORY

Version 2, Release 10

30 September 2026

Developed by Oracle and DISA for the DoW

UNCLASSIFIED

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R10	Oracle Linux 8 STIG, V2R9	- OL08-00-010181 - Removed redundant requirement. - OL08-00-010182 - Removed allowance for subpolicies from STIG. - OL08-00-010195 - Added requirement to ensure the OS does not assign an interactive login shell for system accounts. - OL08-00-010287 - Added sshd CRYPTO_POLICY requirement. - OL08-00-010293 - Added openssl.cnf include statement requirement to STIG. - OL08-00-010384 - Enforced "timestamp_timeout=0" with no other setting being acceptable. - OL08-00-010473 - Removed deprecated requirement. - OL08-00-020035 - Added nonapplicability note for cloud hosted systems where ClientAliveInterval is set for SSH connections. - OL08-00-020200, OL08-00-020210 - Updated max password age value to 180 days. - OL08-00-030010 - Updated cron logging control to meet SRG intent. - OL08-00-030565 - Added requirement to audit the useradd command. - OL08-00-030610 - Updated audit config permissions for OL8 and TOSS 4 and specified files in /etc/audit/rules.d/ for all rules. - OL08-00-040070 - Updated to prohibit autofs. - OL08-00-040172 - Updated name of drop-in file with ".conf". - OL08-00-040281 - Corrected rule title to indicate unprivileged vs. nonprivileged. - Requirements were updated throughout to reflect the change from DOD to DoW.	30 September 2026
V2R9	Oracle Linux 8 STIG, V2R8	- OL08-00-010120 - Updated Check command to return usernames for the Admin to inspect.	01 July 2026

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		- 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".	
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

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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

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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.	
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.	01 October 2025

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Revision Number	Document Revised	Description of Change	Release Date
		- 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.	
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
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

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Revision Number	Document Revised	Description of Change	Release Date
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
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
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,	24 April 2024

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Revision Number	Document Revised	Description of Change	Release Date
		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.	
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/sssd/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
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.	25 October 2023

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Revision Number	Document Revised	Description of Change	Release Date
		- OL08-00-040400 - Revised SELinux guidance. Updated for style guide compliance.	
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
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
V1R5	- Oracle Linux 8, V1R4	- Rule numbers updated throughout due to changes in content management system.	26 January 2023

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Revision Number	Document Revised	Description of Change	Release Date
		- 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.	
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.	27 October 2022

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Revision Number	Document Revised	Description of Change	Release Date
		- 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.	
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-	27 July 2022

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		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.	
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. - 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.	27 April 2022

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		- 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. - 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-	

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		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. - 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.	

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		- 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