

UNCLASSIFIED



ORACLE LINUX 8 STIG REVISION HISTORY

Version 1, Release 6

27 April 2023

Developed by Oracle and DISA for the DOD

UNCLASSIFIED

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
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. - 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	<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 vulnerability 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. 	26 January 2023

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - 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	<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 text and added 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- 	27 October 2022

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<p>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.</p> <ul style="list-style-type: none"> - 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	<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- 	27 July 2022

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<p>040283, OL08-00-040284, OL08-00-040285, OL08-00-040286 - Updated Check text.</p> <p>- OL08-00-030270 - Removed requirement; this is covered under OL08-00-030200.</p> <p>- OL08-00-040170 - Updated Fix text.</p>	
V1R2	- Oracle Linux 8, V1R1	<p>- 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.</p> <p>- OL08-00-010030 - Updated check content and severity.</p> <p>- OL08-00-010090, OL08-00-040080, OL08-00-040090 - Updated fix content.</p> <p>- OL08-00-010121 - Added requirement to not allow accounts configured with blank or null passwords.</p> <p>- OL08-00-010130, OL08-00-020220 - Updated rule title, check, and fix content.</p> <p>- OL08-00-010131 - Merged with OL08-00010130.</p> <p>- OL08-00-010141, OL08-00-010149 - Updated the discussion and check text with clarifying verbiage.</p> <p>- OL08-00-010180 - Removed requirement. This is covered in OL08-00-010700.</p> <p>- OL08-00-010295, OL08-00-030181 - Fixed typo in check text.</p>	27 April 2022

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> - 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- 	

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<p>auth file is configured for three retries or less.</p> <ul style="list-style-type: none"> - 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. 	

REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none">- 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	- N/A	- Initial Release.	16 July 2021