

UNCLASSIFIED



# **RED HAT ENTERPRISE LINUX (RHEL) 9 STIG REVISION HISTORY**

**Version 2, Release 4**

**02 April 2025**

**Developed by Red Hat Inc. and DISA for the DOD**

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R4	- RHEL 9 STIG, V2R3	<ul style="list-style-type: none"> <li>- RHEL-09-212020, RHEL-09-255105 - Updated Fix Text.</li> <li>- RHEL-09-212045, RHEL-09-232040 - Updated Rule Title, Discussion, Check Text, and Fix Text.</li> <li>- RHEL-09-213110 - Updated Discussion, Check, and Fix Text.</li> <li>- RHEL-09-215060 - Updated Check Text command and output.</li> <li>- RHEL-09-215101 - Added control to require the installation of Postfix.</li> <li>- RHEL-09-232200, RHEL-09-232205 - Updated Check Text command to confine search to only nondirectories.</li> <li>- RHEL-09-255045 - Updated Check Text finding statement.</li> <li>- RHEL-09-255110 - Updated Check and Fix Text.</li> <li>- RHEL-09-255115 - Updated Rule Title, Check, and Fix Text.</li> <li>- RHEL-09-411045, RHEL-09-654025 - Updated Check Text.</li> <li>- RHEL-09-412035 - Updated Rule Title.</li> <li>- RHEL-09-431016 - Added requirement.</li> <li>- RHEL-09-611205, RHEL-09-232265 - Removed requirement.</li> <li>- RHEL-09-671015 - Updated Check Text typo.</li> </ul>	02 April 2025
V2R3	- RHEL 9 STIG, V2R2	<ul style="list-style-type: none"> <li>- RHEL-09-171011 - Added control to define gnome banner content validation and update.</li> <li>- RHEL-09-211045, RHEL-09-211050, RHEL-09-211055, RHEL-09-212035, RHEL-09-212040, RHEL-09-213020, RHEL-09-213025, RHEL-09-213070, RHEL-09-231100, RHEL-09-231105, RHEL-09-232240, RHEL-09-251015, RHEL-09-253010, RHEL-09-271020, RHEL-09-653075 - Removed CCI-000366 from control.</li> <li>- RHEL-09-212010, RHEL-09-212050, RHEL-09-212055, RHEL-09-213015, RHEL-09-213045, RHEL-09-213085, RHEL-09-213115, RHEL-09-214015,</li> </ul>	30 January 2025

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Revision Number	Document Revised	Description of Change	Release Date
		RHEL-09-214025, RHEL-09-215060, RHEL-09-215070, RHEL-09-231065, RHEL-09-231070, RHEL-09-231075, RHEL-09-231095, RHEL-09-231120, RHEL-09-232025, RHEL-09-232030, RHEL-09-232045, RHEL-09-232050, RHEL-09-232170, RHEL-09-232175, RHEL-09-232180, RHEL-09-232185, RHEL-09-232190, RHEL-09-232195, RHEL-09-232200, RHEL-09-232205, RHEL-09-232210, RHEL-09-232215, RHEL-09-251045, RHEL-09-252045, RHEL-09-253075, RHEL-09-255105, RHEL-09-255110, RHEL-09-255115, RHEL-09-255120, RHEL-09-271040, RHEL-09-271045, RHEL-09-271050, RHEL-09-271100, RHEL-09-271115, RHEL-09-411015, RHEL-09-411025, RHEL-09-411055, RHEL-09-411095, RHEL-09-412055, RHEL-09-412060, RHEL-09-431015, RHEL-09-432020, RHEL-09-432025, RHEL-09-432030, RHEL-09-611040, RHEL-09-611045, RHEL-09-611080, RHEL-09-611135, RHEL-09-611170, RHEL-09-631015, RHEL-09-651015, RHEL-09-651025, RHEL-09-651030, RHEL-09-651035, RHEL-09-652040, RHEL-09-652045, RHEL-09-652050, RHEL-09-652060, RHEL-09-653030, RHEL-09-653085, RHEL-09-653110 - Updated Check Text. - RHEL-09-212015, RHEL-09-251030, RHEL-09-255030, RHEL-09-255035, RHEL-09-255050, RHEL-09-255080, RHEL-09-255085, RHEL-09-255090, RHEL-09-255095, RHEL-09-255100, RHEL-09-255145, RHEL-09-255150, RHEL-09-255155, RHEL-09-255160, RHEL-09-255165, RHEL-09-255175, RHEL-09-271105, RHEL-09-291015, RHEL-09-611025, RHEL-09-611030, RHEL-09-611035, RHEL-09-611100 - Updated Fix Text.	

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		- RHEL-09-212020, RHEL-09-213050, RHEL-09-213055, RHEL-09-213060, RHEL-09-213065, RHEL-09-214030, RHEL-09-214035, RHEL-09-231195, RHEL-09-255025, RHEL-09-271015, RHEL-09-271060, RHEL-09-271070, RHEL-09-271080, RHEL-09-271085, RHEL-09-271095, RHEL-09-271110, RHEL-09-291010, RHEL-09-291030, RHEL-09-291035, RHEL-09-411080, RHEL-09-411085, RHEL-09-411090, RHEL-09-412045, RHEL-09-431020, RHEL-09-432015, RHEL-09-611010, RHEL-09-611050, RHEL-09-611055, RHEL-09-611060, RHEL-09-611065, RHEL-09-611070, RHEL-09-611085, RHEL-09-611090, RHEL-09-611105, RHEL-09-611110, RHEL-09-611115, RHEL-09-611120, RHEL-09-611125, RHEL-09-611130, RHEL-09-611160, RHEL-09-611165, RHEL-09-611180, RHEL-09-631020, RHEL-09-652025, RHEL-09-652030, RHEL-09-653090, RHEL-09-654010, RHEL-09-654015, RHEL-09-654020, RHEL-09-654025, RHEL-09-654030, RHEL-09-654035, RHEL-09-654040, RHEL-09-654045, RHEL-09-654050, RHEL-09-654055, RHEL-09-654060, RHEL-09-654065, RHEL-09-654070, RHEL-09-654075, RHEL-09-654080, RHEL-09-654085, RHEL-09-654090, RHEL-09-654095, RHEL-09-654100, RHEL-09-654105, RHEL-09-654110, RHEL-09-654115, RHEL-09-654120, RHEL-09-654125, RHEL-09-654130, RHEL-09-654135, RHEL-09-654140, RHEL-09-654145, RHEL-09-654150, RHEL-09-654155, RHEL-09-654160, RHEL-09-654165, RHEL-09-654170, RHEL-09-654175, RHEL-09-654180, RHEL-09-654185, RHEL-09-654190, RHEL-09-654195, RHEL-09-654200, RHEL-09-654205, RHEL-09-654210, RHEL-09-654215,	

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		<p>RHEL-09-654220, RHEL-09-672025 - Updated Check and Fix Text.</p> <p>- RHEL-09-271025, RHEL-09-271035, RHEL-09-652055 - Updated Check Text and removed CCI-000366 from control.</p> <p>- RHEL-09-213075, RHEL-09-213080 - Updated Check and Fix Text and removed CCI-000366 from control.</p> <p>- RHEL-09-215010, RHEL-09-215025, RHEL-09-215030, RHEL-09-215040, RHEL-09-215065, RHEL-09-215075, RHEL-09-215090, RHEL-09-215095, RHEL-09-653010, RHEL-09-653130 - Removed sudo from Check Text command.</p> <p>- RHEL-09-215015 - Updated Check Text command and output and removed CCI-000366.</p> <p>- RHEL-09-215020, RHEL-09-215045, RHEL-09-215050, RHEL-09-215055 - Removed sudo from Check Text command and removed CCI-000366.</p> <p>- RHEL-09-215100 - Updated RHEL-09-672010 to new STIG ID RHEL-09-215100 to position it ahead of the SSH configuration in the rule set. Removed sudo from Check command and updated Check and Fix Text.</p> <p>- RHEL-09-215105 - Updated RHEL-09-672045 to new STIG ID RHEL-09-215105 to position it ahead of the SSH configuration in the rule set. Updated Rule Title, Check Text, and Fix Text to configure systemwide crypto-policies.</p> <p>- RHEL-09-231015, RHEL-09-231020, RHEL-09-231025, RHEL-09-231035, RHEL-09-231045 - Corrected output from Check Text command.</p> <p>- RHEL-09-231030, RHEL-09-231040, RHEL-09-231050 - Corrected output from Check Text command and removed CCI-000366.</p> <p>- RHEL-09-231190 - Replaced Check Text command and output.</p> <p>- RHEL-09-232040, RHEL-09-411105 - Updated Check Text command.</p>	

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		<ul style="list-style-type: none"> <li>- RHEL-09-232103 - Added control for root ownership of /etc/audit/ control.</li> <li>- RHEL-09-232104 - Added control for group ownership of /etc/audit/ control.</li> <li>- RHEL-09-251010, RHEL-09-252065, RHEL-09-431025, RHEL-09-652010, RHEL-09-652015 - Removed sudo from command and removed CCI-000366 from control.</li> <li>- RHEL-09-252010, RHEL-09-255010, RHEL-09-255020, RHEL-09-431030, RHEL-09-432010, RHEL-09-433010, RHEL-09-611175, RHEL-09-611185 - Removed sudo from command.</li> <li>- RHEL-09-252035 - Added comment to Check Text and updated Fix Text.</li> <li>- RHEL-09-255040, RHEL-09-255045, RHEL-09-255135, RHEL-09-255140 - Updated Fix Text and removed CCI-000366 from control.</li> <li>- RHEL-09-255060 - Updated Rule Title, Check Text, and Fix Text.</li> <li>- RHEL-09-255064 - Added control for SSH client configuration.</li> <li>- RHEL-09-255065 - Updated Rule Title, Check Text, and Fix Text to use systemwide crypto policies and corrected order of ciphers.</li> <li>- RHEL-09-255070 - Added control for SSH client MAC configuration.</li> <li>- RHEL-09-255075 - Updated control to use systemwide crypto policies and corrected order of MACs.</li> <li>- RHEL-09-433016 - Added control for fapolicy configuration.</li> <li>- RHEL-09-611205 - Added caveats to Check and Fix Text.</li> <li>- RHEL-09-651010 - Removed sudo from dnf command in Check Text.</li> <li>- RHEL-09-651020 - Added sudo to Check Text command and removed 140-2 references from Check and Fix Text.</li> </ul>	

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		<ul style="list-style-type: none"> <li>- RHEL-09-652035, RHEL-09-672030, RHEL-09-672035, RHEL-09-672040 - Removed control.</li> <li>- RHEL-09-671020 - Removed 140-2 reference.</li> <li>- RHEL-09-672010 - Updated RHEL-09-672010 to new STIG ID RHEL-09-215100 to position it ahead of the SSH configuration in the rule set.</li> <li>- RHEL-09-672020 - Updated Check and Fix Text and upgraded to a CAT I.</li> <li>- RHEL-09-672045 - Updated RHEL-09-672045 to new STIG ID RHEL-09-215105 to position it ahead of the SSH configuration in the rule set.</li> <li>- Rule numbers throughout due to changes in content management system.</li> </ul>	
V2R2	- RHEL 9 STIG, V2R1	<ul style="list-style-type: none"> <li>- RHEL-09-212020 - Updated Fix Text.</li> <li>- RHEL-09-213105 - Removed NA statement and added finding statement.</li> <li>- RHEL-09-215075, RHEL-09-231190, RHEL-09-252050, RHEL-09-255035, RHEL-09-611165, RHEL-09-611170, RHEL-09-611175 - Added Not Applicable note.</li> <li>- RHEL-09-231040 - Added note to Check Text and removed "enabled" from Check Text.</li> <li>- RHEL-09-231060, RHEL-09-251025, RHEL-09-252055, RHEL-09-255170, RHEL-09-412010, RHEL-09-412015, RHEL-09-412020, RHEL-09-412025, RHEL-09-412030, RHEL-09-611095, RHEL-09-611150, RHEL-09-672015 - Removed requirement.</li> <li>- RHEL-09-232260, RHEL-09-611135, RHEL-09-631015 - Corrected typo in Fix Text.</li> <li>- RHEL-09-252040 - Updated Rule Title and added a note to Check Text.</li> <li>- RHEL-09-255045 - Removed a space from the beginning of the output in the Fix Text.</li> <li>- RHEL-09-255055 - Updated finding statement.</li> </ul>	24 October 2024

REVISION HISTORY			
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		<ul style="list-style-type: none"> <li>- RHEL-09-271010 - Updated Check Text command to use gsettings.</li> <li>- RHEL-09-271095 – Removed single quotes from around "true" in Fix Text.</li> <li>- RHEL-09-291015, RHEL-09-291020, RHEL-09-291025 - Added a line indicating that this rule does not apply to VMs with no USB peripherals attached.</li> <li>- RHEL-09-291030 - Changed a line indicating that this rule does not apply to VMs with no USB peripherals attached.</li> <li>- RHEL-09-412035 - Changed tmout to be consistent across STIGS.</li> <li>- RHEL-09-412080 - Removed tmux workaround note from Fix Text.</li> <li>- RHEL-09-611010, RHEL-09-611025, RHEL-09-611035, RHEL-09-611040, RHEL-09-611045, RHEL-09-611050, RHEL-09-611055, RHEL-09-671025 - Added conditional "not a finding" line.</li> <li>- RHEL-09-611030 - Updated Check and Fix text and added conditional "not a finding" line.</li> <li>- RHEL-09-611085 - Added clarification to Check Text.</li> <li>- RHEL-09-652025 - Updated Check Text to allow for log aggregation systems such as Splunk.</li> <li>- RHEL-09-654010, RHEL-09-654015, RHEL-09-654020, RHEL-09-654025, RHEL-09-654030, RHEL-09-654035, RHEL-09-654040, RHEL-09-654045, RHEL-09-654050, RHEL-09-654055, RHEL-09-654060, RHEL-09-654065, RHEL-09-654070, RHEL-09-654075, RHEL-09-654080, RHEL-09-654085, RHEL-09-654090, RHEL-09-654095, RHEL-09-654100, RHEL-09-654105, RHEL-09-654110, RHEL-09-654115, RHEL-09-654125, RHEL-09-654130, RHEL-09-654135, RHEL-09-654140, RHEL-09-654145, RHEL-09-654150, RHEL-09-654155, RHEL-09-654160, RHEL-09-654165, RHEL-09-654170, RHEL-09-</li> </ul>	



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		654175, RHEL-09-654180, RHEL-09-654185, RHEL-09-654190, RHEL-09-654195, RHEL-09-654215, RHEL-09-654220, RHEL-09-654250, RHEL-09-654255 - Added audit daemon restart command to the Fix Text. - RHEL-09-654200 - Updated Check Text command and added audit daemon restart command to the Fix Text. - RHEL-09-654265 - Changed "/etc/audit/audit.rules" to "/etc/audit/rules.d/audit.rules" in Fix Text. - RHEL-09-672045 - Updated Check and Fix text. - RHEL-09-252015, RHEL-09-252020 - Rule number updated due to changes in content management system.	
V2R1	- RHEL 9 STIG, V1R3	- RHEL-09-653010, RHEL-09-213020, RHEL-09-214010, RHEL-09-214015, RHEL-09-214020, RHEL-09-214025, RHEL-09-215010, RHEL-09-215075, RHEL-09-653015, RHEL-09-654215, RHEL-09-654220, RHEL-09-654225, RHEL-09-654230, RHEL-09-654235, RHEL-09-654240, RHEL-09-252010, RHEL-09-252015, RHEL-09-252020, RHEL-09-255035, RHEL-09-255045, RHEL-09-255100, RHEL-09-271045, RHEL-09-271050, RHEL-09-271055, RHEL-09-271060, RHEL-09-654245, RHEL-09-411010, RHEL-09-411015, RHEL-09-411050, RHEL-09-412010, RHEL-09-432015, RHEL-09-432025, RHEL-09-432035, RHEL-09-611010, RHEL-09-611040, RHEL-09-611050, RHEL-09-611055, RHEL-09-611060, RHEL-09-611065, RHEL-09-611070, RHEL-09-611075, RHEL-09-611080, RHEL-09-611085, RHEL-09-611090, RHEL-09-611095, RHEL-09-611100, RHEL-09-611110, RHEL-09-611115, RHEL-09-611120, RHEL-09-611125, RHEL-09-611130, RHEL-09-611135, RHEL-09-	24 July 2024

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		<p>611140, RHEL-09-611145, RHEL-09-611150, RHEL-09-611160, RHEL-09-611165, RHEL-09-611170, RHEL-09-611175, RHEL-09-611180, RHEL-09-611185, RHEL-09-631010, RHEL-09-671015, RHEL-09-671025, RHEL-09-291010, RHEL-09-291015, RHEL-09-291020</p> <ul style="list-style-type: none"> <li>- Updated based on NIST SP 800-53 Rev. 5 changes.</li> <li>- RHEL-09-211025, RHEL-09-611015, RHEL-09-611020 - Removed based on NIST SP 800-53 Rev. 5 changes.</li> <li>- Because this is a major revision, version numbers were incremented to the next whole number.</li> <li>- Rule numbers updated throughout due to changes in content management system.</li> </ul>	
V1R3	- RHEL 9 STIG, V1R2	<ul style="list-style-type: none"> <li>- RHEL-09-212045 - Clarified finding statement.</li> <li>- RHEL-09-213060 - Corrected typo in Fix Text.</li> <li>- RHEL-09-213075 - Corrected Check Text parameter.</li> <li>- RHEL-09-215060 - Corrected typo in Check and Fix Text.</li> <li>- RHEL-09-255025, RHEL-09-255030, RHEL-09-255035, RHEL-09-255040, RHEL-09-255045, RHEL-09-255050, RHEL-09-255055, RHEL-09-255080, RHEL-09-255085, RHEL-09-255090, RHEL-09-255095, RHEL-09-255100, RHEL-09-255130, RHEL-09-255135, RHEL-09-255140, RHEL-09-255145, RHEL-09-255150, RHEL-09-255155, RHEL-09-255160, RHEL-09-255165, RHEL-09-255170, RHEL-09-255175 - Updated Check Text command syntax for sshd configurations.</li> <li>- RHEL-09-255070 - Deleted requirement due to duplication of configuration.</li> <li>- RHEL-09-255075 - Changed references of "client" to "server" in Check and Fix Text.</li> </ul>	24 April 2024

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V1R2	- RHEL 9 STIG, V1R1	<ul style="list-style-type: none"> <li>- RHEL-09-211025 - Rule ID updated due to changes in content management system.</li> <li>- RHEL-09-211035 - Revised "rngd" guidance.</li> <li>- RHEL-09-211055 - Revised command syntax in Fix Text.</li> <li>- RHEL-09-212020 - Revised Fix Text command.</li> <li>- RHEL-09-213010, RHEL-09-213015, RHEL-09-213020, RHEL-09-213025, RHEL-09-213040, RHEL-09-213070, RHEL-09-213075, RHEL-09-213080, RHEL-09-213105, RHEL-09-253010, RHEL-09-253015, RHEL-09-253020, RHEL-09-253035, RHEL-09-253040, RHEL-09-253045, RHEL-09-253055, RHEL-09-253065, RHEL-09-253070, RHEL-09-254020, RHEL-09-254025, RHEL-09-254030, RHEL-09-254035, RHEL-09-254040 - Standardized the use of sudo with systemctl commands.</li> <li>- RHEL-09-213055 - Revised the usage of "/bin/true".</li> <li>- RHEL-09-215095, RHEL-09-255095 - Corrected typo in Check Text.</li> <li>- RHEL-09-231195 - Corrected typo in Fix Text.</li> <li>- RHEL-09-253075 - Revised command syntax in Check Text and standardized the use of sudo with systemctl commands.</li> <li>- RHEL-09-255025, RHEL-09-255030, RHEL-09-255035, RHEL-09-255040, RHEL-09-255045, RHEL-09-255050, RHEL-09-255080, RHEL-09-255085, RHEL-09-255090, RHEL-09-255095, RHEL-09-255100, RHEL-09-255175 - Revised command syntax in Check Text.</li> <li>- RHEL-09-255065 - Corrected typo and removed spaces from cipher list in Check and Fix Text.</li> <li>- RHEL-09-255155 - Corrected configuration conflict in Fix Text.</li> <li>- RHEL-09-271095 - Corrected configuration typo in Fix Text.</li> </ul>	24 January 2024

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"><li>- RHEL-09-291030 - Included an additional finding statement in Check Text.</li><li>- RHEL-09-412015 - Removed "exec" from Check Text example output.</li><li>- RHEL-09-432015 - Revised GREP command syntax.</li><li>- RHEL-09-651025 - Removed duplicate line from Check and Fix Text.</li><li>- RHEL-09-653095 - Revised "freq" value in Check Text; corrected typo in Fix Text.</li><li>- RHEL-09-653110 - Revised the use of sudo in Check Text command.</li><li>- RHEL-09-654205 - Corrected Fix Text inconsistency.</li></ul>	
V1R1	- NA	- Initial Release.	22 September 2023