RED HAT ENTERPRISE LINUX 8 (RHEL 8) STIG REVISION HISTORY

Version 1, Release 7

27 July 2022

Developed by DISA for the DoD

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
V1R7	- Red Hat Enterprise Linux 8 STIG, V1R6	- RHEL-08-010380, RHEL-08-010672, RHEL-08-040111 - Updated Check and Fix text. - RHEL-08-010372, RHEL-08-010373, RHEL-08-010374, RHEL-08-010375, RHEL-08-010376, RHEL-08-010379, RHEL-08-010383, RHEL-08-010384, RHEL-08-010430, RHEL-08-010671, RHEL-08-020104, RHEL-08-020110, RHEL-08-020120, RHEL-08-020130, RHEL-08-020140, RHEL-08-020150, RHEL-08-020160, RHEL-08-020170, RHEL-08-020230, RHEL-08-020280, RHEL-08-020300, RHEL-08-040209, RHEL-08-040210, RHEL-08-040220, RHEL-08-040230, RHEL-08-040239, RHEL-08-040240, RHEL-08-040249, RHEL-08-040250, RHEL-08-040259, RHEL-08-040260, RHEL-08-040261, RHEL-08-040262, RHEL-08-040270, RHEL-08-040279, RHEL-08-040280, RHEL-08-040281, RHEL-08-040282, RHEL-08-040283, RHEL-08-040284, RHEL-08-040285, RHEL-08-040286 - Updated Check text. - RHEL-08-020041 - Updated Check text command and corrected typos in Check and Fix. - RHEL-08-030650 - Updated Check text command. - RHEL-08-040170 - Updated Fix text.	27 July 2022
V1R6	- Red Hat Enterprise Linux 8 STIG, V1R5	- RHEL-08-040004, RHEL-08-030181 - Fixed typo in check text. - RHEL-08-020090 - Fixed typo in fix text. - RHEL-08-030710 - Fixed typo in the finding statement. - RHEL-08-010372, RHEL-08-010373, RHEL-08-010374, RHEL-08-010375, RHEL-08-010376, RHEL-08-010430, RHEL-08-010671, RHEL-08-040209, RHEL-08-040210, RHEL-08-040220, RHEL-08-040230, RHEL-08-040239, RHEL-08-040240, RHEL-08-040249, RHEL-08-040250, RHEL-08-040259, RHEL-08-040260, RHEL-08-040261, RHEL-08-040262, RHEL-08-040270, RHEL-08-040279, RHEL-08-040280, RHEL-08-040281, RHEL-	27 April 2022

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		08-040282, RHEL-08-040283, RHEL-08-040284, RHEL-08-040285, RHEL-08-040286 - Updated the discussion, check, and fix text.	
V1R5	- Red Hat Enterprise Linux 8 STIG, V1R4	- RHEL-08-010030, RHEL-08-010400, RHEL-08-020140 - Updated check content. - RHEL-08-010090, RHEL-08-040080, RHEL-08-040090 - Updated fix content. - RHEL-08-010121 - Added requirement to not allow accounts configured with blank or null passwords. - RHEL-08-010130, RHEL-08-020220 - Updated rule title, check, and fix content. - RHEL-08-010131 - Combined requirement with RHEL-08-010130. - RHEL-08-010159, RHEL-08-010160, RHEL-08-010287, RHEL-08-010294, RHEL-08-020041, RHEL-08-040020, RHEL-08-040137 - Updated check and fix content. - RHEL-08-010331 - Added requirement to set library directories to a mode of 755 or less permissive. - RHEL-08-010341, RHEL-08-010351 - Added requirement to have library directories group-owned by root. - RHEL-08-010359 - Added requirement for file integrity tool to be installed. - RHEL-08-010379 - Added requirement to specify the default "include" directory for the /etc/sudoers file. - RHEL-08-010383, RHEL-08-010384 - Updated the finding statement. - RHEL-08-010385 - Added requirement to explicitly prevent the bypass of password requirements for privilege escalation. - RHEL-08-010560 - Removed requirement. Requirement is satisfied by RHEL-08-030181. - RHEL-08-010572 - Updated check command output. - RHEL-08-020100 - Updated CCI, rule title, check, and fix content.	27 January 2022

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		- RHEL-08-020101 - Added requirement to ensure the password complexity module is enabled in the system-auth file.	

- RHEL-08-020101 - Added requirement to ensure the password complexity module is enabled in the system-auth file.
- RHEL-08-020102 - 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.
- RHEL-08-020103 - 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.
- RHEL-08-020104 - Added requirement for systems version 8.4 and above to ensure the password complexity module is configured for three retries or less.
- RHEL-08-020221 - Added requirement to set password reuse minimum in the system-auth file.
- RHEL-08-030050 - Removed requirement. CCI is satisfied by RHEL-08-030060.
- RHEL-08-030200, RHEL-08-030360, RHEL-08-030361, RHEL-08-030420, RHEL-08-030480, RHEL-08-030490 - Grouped like syscalls into this requirement.
- RHEL-08-030210, RHEL-08-030220, RHEL-08-030230, RHEL-08-030240, RHEL-08-030270 - Combined requirement with RHEL-08-030200.
- RHEL-08-030362, RHEL-08-030363, RHEL-08-030364, RHEL-08-030365 - Combined requirement with RHEL-08-030361.
- RHEL-08-030380 - Combined requirement with RHEL-08-030360.
- RHEL-08-030430, RHEL-08-030440, RHEL-08-030450, RHEL-08-030460, RHEL-08-030470 - Combined requirement with RHEL-08-030420.
- RHEL-08-030500, RHEL-08-030510, RHEL-08-030520 - Combined requirement with RHEL-08-030480.

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-030530, RHEL-08-030540 - Combined requirement with RHEL-08-030490. - RHEL-08-030660 - Updated check command syntax. - RHEL-08-040320 - Updated to split out multi-user.target into a separate requirement. - RHEL-08-040321 - Added requirement for multi-user.target.	
V1R4	- Red Hat Enterprise Linux 8 STIG, V1R3	- RHEL-08-010020, RHEL-08-010690, RHEL-08-040025, RHEL-08-040026 - Updated check command syntax. - RHEL-08-010180 - Removed requirement. This is covered in RHEL-08-010700. - RHEL-08-010141, RHEL-08-010149 - Updated the discussion and check text with clarifying verbiage. - RHEL-08-010190, RHEL-08-010295, RHEL-08-010384 - Fixed typo in check text. - RHEL-08-010300, RHEL-08-010330 - Fixed typos throughout. - RHEL-08-010320 - Updated check text and finding statement. - RHEL-08-010372, RHEL-08-010373, RHEL-08-010374, RHEL-08-010375, RHEL-08-010376, RHEL-08-010430, RHEL-08-01067, RHEL-08-040209, RHEL-08-040210, RHEL-08-040220, RHEL-08-040230, RHEL-08-040239, RHEL-08-040240, RHEL-08-040249, RHEL-08-040250 - Updated the discussion, check, and fix text. - RHEL-08-010421, RHEL-08-010422, RHEL-08-010423, RHEL-08-030601, RHEL-08-030602, RHEL-08-040004 - Fixed typo in command syntax. - RHEL-08-020027, RHEL-08-020028 - Added requirement to modify SELinux context for a non-default faillock tally directory for versions 8.2 and newer. - RHEL-08-020050 - Updated the discussion text and added an N/A statement to the check text.	27 October 2021

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-020353, RHEL-08-040021, RHEL-08-040022, RHEL-08-040023, RHEL-08-040024 - Updated check and fix text. - RHEL-08-040132, RHEL-08-040133, RHEL-08-040134 - Fixed typo in check and fix text. - RHEL-08-040259 - Separated IPv4 requirement from RHEL-08-040260. - RHEL-08-040260, RHEL-08-040261, RHEL-08-040262, RHEL-08-040270, RHEL-08-040279, RHEL-08-040280, RHEL-08-040281, RHEL-08-040282, RHEL-08-040283, RHEL-08-040284, RHEL-08-040285, RHEL-08-040286 - Updated the rule title, discussion, check, and fix text.	
V1R3	- Red Hat Enterprise Linux 8 STIG, V1R2	- RHEL-08-010000 - Updated the Vulnerability Discussion and Check content. - RHEL-08-010001 - Added ESS requirement. - RHEL-08-010049 - Added requirement to display a banner for system access via a graphical user logon. - RHEL-08-010050 - Updated requirement to move the database and gnome configuration portion to a unique STIG ID. - RHEL-08-010130 - Updated Rule Title and moved the system-auth requirements to a unique STIG ID. - RHEL-08-010131 - Added requirement to configure the password hashing rounds in the system-auth file. - RHEL-08-010140 - Updated the Rule Title, Check, and Fix to move the superuser requirement for UEFI to a unique STIG ID. - RHEL-08-010141 - Added a requirement to set a unique superuser account for UEFI systems. - RHEL-08-010149 - Added a requirement to set a unique superuser account for BIOS systems.	23 July 2021

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-010150 - Updated the requirement to move the superuser requirement for BIOS to a unique STIG ID. - RHEL-08-010151 - Updated requirement to move the emergency mode requirement to a unique STIG ID. - RHEL-08-010152 - Added a requirement to require authentication upon booting into emergency mode. - RHEL-08-010159 - Added a requirement to configure the pam_unix.so module in the system-auth file to use FIPS algorithms. - RHEL-08-010160 - Updated requirement to move the system-auth portion to a unique STIG ID. - RHEL-08-010200 - Updated requirement to move the ClientAliveInterval to a unique STIG ID. - RHEL-08-010201 - Added a requirement to configure a timeout interval for SSH. - RHEL-08-010287 - Added a requirement to configure SSH to use system-wide crypto policies. - RHEL-08-010290 - Updated requirement to move configuration of SSH to use system-wide crypto policies to a unique STIG ID and updated statement in Discussion. - RHEL-08-010291 - Updated the Vulnerability Discussion, Check, and Fix. - RHEL-08-010390 - Updated Check and Fix content by removing extraneous packages. - RHEL-08-010400 - Updated command and finding statement in the Check Content. - RHEL-08-010422 - Updated the requirement with a containers-based statement in the Vulnerability Discussion and added a mission requirement statement in the finding statement. - RHEL-08-010472 - Added requirement to install packages required by random number generator entropy gatherer service.	

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		- RHEL-08-010490, RHEL-08-030630 - Fixed typo in the Check content. - RHEL-08-010510 - Updated Check and Fix content. - RHEL-08-010521 - Updated requirement to move the GSSAPI portion to a unique STIG ID. - RHEL-08-010522 - Added a requirement to not allow GSSAPI authentication via SSH unless to fulfill mission requirements. - RHEL-08-010544 - Added requirement to have /var/tmp on a separate file system. - RHEL-08-010571 - Updated Check Content with an N/A statement. - RHEL-08-010572 - Added requirement for "nosuid" bit set on the /boot/efi directory. - RHEL-08-010700 - Updated Rule Title and Vulnerability Discussion. - RHEL-08-010710 - Updated Vulnerability Discussion. - RHEL-08-010731 - Added a requirement to set the permission mode of the local interactive users home directory files. - RHEL-08-010740 - Updated command in Check content. - RHEL-08-010741 - Added a requirement to set the group-owner of all local user home directory sub-directories and files. - RHEL-08-020011, RHEL-08-020013, RHEL-08-020015, RHEL-08-020017, RHEL-08-020019, RHEL-08-020021, RHEL-08-020023, RHEL-08-020330 - Updated the requirement to move the system-auth and password-auth portions to unique STIG IDs. - RHEL-08-020025, RHEL-08-020026 - Added a requirement to configure the use of the pam_faillock.so module in the system-auth file. - RHEL-08-020031 - Added a requirement to initiate a session lock for graphical user interfaces when the screensaver is activated.	

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-020032 - Added a requirement to disable the user list at logon for graphical user interfaces. - RHEL-08-020039 - Added a requirement to install the tmux package. - RHEL-08-020040 - Updated the requirement to move the install of the tmux package to a unique STIG ID. - RHEL-08-020080 - Updated the requirement to move the idle-delay and screensaver lock-enabled settings to a unique STIG ID. - RHEL-08-020081 - Added a requirement to prevent a user from overriding the session idle-delay setting. - RHEL-08-020082 - Added a requirement to prevent a user from overriding the screensaver lock-enabled setting. - RHEL-08-020331, RHEL-08-020332 - Added a requirement to not allow blank or null passwords in the system-auth file. - RHEL-08-030010 - Fixed typo in Check and Fix, and added a restart daemon statement to the Fix text. - RHEL-08-030050 - Updated configuration file entry in Fix Text. - RHEL-08-030180 - Updated the Rule Title and Check content. - RHEL-08-030181 - Added a requirement to start and enable the auditd.service. - RHEL-08-030320, RHEL-08-030603 - Fixed typo in Fix text. - RHEL-08-030602 - Fixed typo in the finding statement. - RHEL-08-030680 - Updated package name throughout requirement. - RHEL-08-030730 - Updated the requirement to move the space_left_action to a unique STIG ID. - RHEL-08-030731 - Added a requirement to notify the SA and ISSO when the audit storage reaches 75 percent capacity.	

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-040023 - Fixed typos throughout. - RHEL-08-040100 - Updated the requirement to move the enable firewall portion to a unique STIG ID. - RHEL-08-040101 - Added a requirement to enable the firewall. - RHEL-08-040135 - Updated the requirement to move the "enable fapolicy" and "configure a deny-all, permit-by-exception policy" portions to unique STIG IDs. - RHEL-08-040136 - Added requirement for the fapolicy module to be enabled. - RHEL-08-040137 - Added requirement for the fapolicy module to be configured with a deny-all, permit-by-exception policy. - RHEL-08-040139 - Added requirement to have the USBGuard installed. - RHEL-08-040140 - Updated requirement to move installation and enablement of USBGuard to unique STIG IDs. - RHEL-08-040141 - Added requirement to enable the USBGuard. - RHEL-08-040150 - Updated Check and Fix content by removing extraneous services. - RHEL-08-040159 - Added requirement to have SSH installed. - RHEL-08-040160 - Updated requirement to move the installation of SSH to a unique STIG ID. - RHEL-08-040162 - Removed requirement for the client configuration of SSH. - RHEL-08-040209 - Added requirement to prevent IPv4 ICMP redirect messages from being accepted. - RHEL-08-040210, RHEL-08-040240, RHEL-08-040250, RHEL-08-040280 - Updated requirement to move the IPv4 portion to a unique STIG ID. - RHEL-08-040220, RHEL-08-040230, RHEL-08-040270 - Updated the "not applicable" statement.	

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Revision Number	**Document Revised**	**Description of Change**	**Release Date**
		- RHEL-08-040239 - Added requirement to prevent IPv4 source-routed packets from being forwarded. - RHEL-08-040249 - Added requirement to prevent IPv4 source-routed packets from being forwarded by default. - RHEL-08-040279 - Added requirement to ignore IPv4 ICMP redirect messages. - RHEL-08-040286 - Added requirement to harden the BPF JIT.	
V1R2	- Red Hat Enterprise Linux 8 STIG, V1R1	- RHEL-08-040060 - Removed this requirement as the version of openssh that ships with RHEL 8 does not support SSHv1. - RHEL-08-040003 - Merged with RHEL-08-040370. - RHEL-08-040370 - Updated CCI mapping. - RHEL-08-010830 - Updated Rule Title and Vulnerability Discussion. - RHEL-08-010384 - Added requirement to require re-authentication when using sudo. - RHEL-08-010383 - Added requirement to invoke the user's password when using sudo. - RHEL-08-010382 - Added requirement to restrict privilege elevation to authorized personnel. - RHEL-08-040320 - Updated Fix content. -RHEL-08-010162, RHEL-08-040171 - Updated Check content with a Not Applicable statement. - RHEL-08-010163 - Added requirement to remove older versions of the krb5-server package. - RHEL-08-020020, RHEL-08-020022, RHEL-08-020060 - Updated Vulnerability Discussion and Check content. - RHEL-08-010290, RHEL-08-010291, RHEL-08-010161 - Updated Check content. - RHEL-08-030180 - Updated Check and Fix content. - RHEL-08-020200 - Fixed typo in Check content.	23 April 2021

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
V1R1	- N/A	- Initial Release.	20 November 2020