



RED HAT ENTERPRISE LINUX 7 (RHEL7) STIG REVISION HISTORY

Version 3, Release 1

23 October 2020

Developed by DISA for the DoD

REVISION HISTORY			
Revision Number	**Document Revised**	**Description of Change**	**Release Date**
V3R1	- Red Hat Enterprise Linux 7 STIG, V2R8	- DISA migrated the Red Hat Enterprise Linux 7 STIG to a new content management system. The new content management system renumbered all Groups (V-numbers) and Rules (SV-numbers). With the new Group and Rule numbers, DISA incremented the version number from V2R8 to V3R1. - RHEL-07-010010 - Fixed typos in the check text command. - RHEL-07-010340 - Updated check content and finding statement to require documented authorized use of "NOPASSWD" or "!authenticate". - RHEL-07-020030, RHEL-07-020040 - Updated check text example output. - RHEL-07-020111 - Added not applicable statement to the check text. - RHEL-07-020210, RHEL-07-020220, RHEL-07-030000 - Downgraded to a CAT II. - RHEL-07-021030 - Updated vulnerability discussion, check, and fix to elaborate possible group owners. - RHEL-07-021031 - Added requirement to check that world-writable directories are owned by root, sys, bin, or an application account. - RHEL-07-021340 - Fixed typo in check text finding statement from "and" to "or". - RHEL-07-021350 - Updated check and fix text to verify existence of a key file for FIPS compliance. - RHEL-07-030210, RHEL-07-030211, RHEL-07-030320, RHEL-07-030321 - Updated check text to allow for additional methods of audit log off-load. - RHEL-07-040730 - Generalized overall requirement to cover any graphical display managers. - RHEL-07-910055 - Added requirement to protect audit information.	23 October 2020

V2R8	- Red Hat Enterprise Linux 7 STIG, V2R7	- V-71897 - Removing requirement and combining with RHEL-07-040160. - V-71943 - Updated Check finding statement for "deny" parameter. - V-92255 - Updated Check/Fix to include OPORD 16-0080 verbiage and removed conflicting information. - V-71971 - Updated Check/Fix to include OPORD 16-0080 verbiage, removed conflicting information, and fixed typos. - V-71983 - Removed Not Applicable statement from Check. - V-71989, V-71991 - Updated Check to include OPORD 16-0080 verbiage. Removed Not Applicable statement. - V-71997 - Updated Vulnerability Discussion and Check. - V-72011 - Removed requirement. - V-72015 - Updated Rule Title, Vulnerability Discussion, and Check. - V-81009 - Combined with RHEL-07-021024. - V-81011 - Combined with RHEL-07-021024. - V-81013 - Updated Rule Title, Vulnerability Discussion, Check, and Fix to combine RHEL-07-021022 and RHEL-07-021023. - V-72073 - Updated Vulnerability Discussion to include information about the Advanced Intrusion Detection Environment (AIDE). Removed automatic finding statement from the Check. - V-81015 - Removed requirement and combined with RHEL-07-030201. - V-81017 - Updated Rule Title, Vulnerability Discussion, and Check. -V-72223 - Updated Rule Title, Vulnerability Discussion, Check, Fix, and CCI. - V-72097, V-72099, V-72101, V-72103, V-72105, V-72107, V-72109, V-72111, V-72113, V-72115, V-72117, V-72119, V-72121, V-72123, V-72125, V-72127, V-72129, V-72131, V-72133, V-72135, V-72137, V-72139, V-72141, V-72149, V-72151, V-72153, V-72155, V-72157, V-72159, V-72161, V-72165, V-72167, V-72171, V-72173, V-72175, V-72177, V-72179, V-72183, V-72185, V-72191, V-72199, V-72201, V-72203, V-72205, V-72207 - Updated Vulnerability Discussion with information about "auid". Updated Check and Fix for "auid!".	24 July 2020

V2R7	- Red Hat Enterprise Linux 7 STIG, V2R6	- V-71861 - Removed references to specific graphic display managers and changed "GUI" to graphical user interface to reduce possible confusion. - V-94843 - Removed references to specific graphic display managers and changed "GUI" to graphical user interface to reduce possible confusion. Added "Not Applicable" statement to the check. Corrected an incorrect file path in the check command. - V-72029 - Updated Check to reference ownership and not group ownership. - V-72417 - Removed "esc" package from the requirement. - V-72225 - Updated check and fix to correct errors in the listed DoD Banner text. - V-72081 - Updated finding statements for clarity. - 100023 - Added a requirement to disable the automount feature in the graphical user interface. - V-72281 - Updated check to verify the /etc/resolv.conf file is "immutable". - V-71971 - Updated check to allow for organizationally defined roles.	24 April 2020
V2R6	- Red Hat Enterprise Linux 7 STIG, V2R5	- V-71855 - Updated the CCI for this requirement. - V-72269 - Added "chrony" as a valid application that will satisfy the requirement.	24 January 2020
V2R5	- Red Hat Enterprise Linux 7 STIG, V2R4	- V-71899 - Added a "Not Applicable" statement to the requirement. - V-71991 - Updated the second set of commands in the check text. V-71997 - Added End of Life information for RHEL 7.7 to the check. - V-72227, V-72229, V-72231 - Updated the check to look at "id_provider" in the /etc/sssd/sssd.conf file.	25 October 2019
V2R4	- Red Hat Enterprise Linux 7 STIG, V2R3	- V-71855 - Added "--noconfig" to the Check command. - V-71983 - Updated the requirement so that "install usb-storage /bin/true" is defined in a modprobe configuration file. - V-71849 - Updated the check command to include a search for User and Group changes. Updated the fix to properly set the ownership and permissions. - V-71993 - Updated the requirement to be focused on command line disablement of the "Ctrl-Alt-Del" key sequence. - V-71943 - Updated the rule title, added individual finding statements for each required option on the configuration line, and added applicable CCIs to the	26 July 2019

		requirement. - V-72095, V-72097, V-72099, V-72101, V-72103, V-72105, V-72107, V-72109, V-72111, V-72113, V-72115, V-72117, V-72119, V-72121, V-72123, V-72125, V-72127, V-72129, V-72131, V-72133, V-72171, V-72187, V-72189, V-72199, V-72201, V-72203, V-72205, V-72207, V-78999, V-79001 - Updated the requirement to require the definition of both 32- and 64-bit audit rules on a 64-bit system. - V-72089 - Updated the check and fix to require the "space_left" keyword be set to 25 percent of the total partition size. - V-72217 - Updated the Check and Fix to use the "/etc/security/limits.d/" directory. - V-72029, V-72031, V-72033 – Updated the check and fix commands. - V-72271 - Removed this requirement from the STIG. - V-77821 - Updated the requirement so that "blacklist dccp" was defined in the /etc/modprobe.d/blacklist.conf file. - V-94843 - Added requirement to focus on the disablement of the GUI "Ctrl-Alt-Del" key sequence.	
V2R3	- Red Hat Enterprise Linux 7 STIG, V2R2	- V-81009 - Updated the Check content and Fix text to verify that all /dev/shm entries in /etc/fstab contain nodev. - V81011 - Updated the Check content and Fix text to verify that all /dev/shm entries in /etc/fstab contain nosuid. - V81013 - Updated the Check content and Fix text to verify that all /dev/shm entries in /etc/fstab contain noexec. - V-92251 - Added a requirement that the operating system must use a reverse-path filter for IPv4 traffic on all interfaces. - V-92253 - Added a requirement that the operating system must use a reverse-path filter for IPv4 traffic by default. - V-72065 - Updated the check and fix to allow for static definition of the "/tmp" directory - V-71961 - Updated the initial grep statement in the check content. - V-72275 - Updated the statement in the fix to reference the /etc/pam.d/postlogin file. - V-72149 - Removed the "-F perm=x" from the audit rule - V-72153 - Removed the "-F perm=x" from the audit rule - V-72155 - Removed the "-F perm=x" from the	26 April 2019

		audit rule - V-72157 - Removed the "-F perm=x" from the audit rule - V-72417 - Removed the "authconfig" and "authconfig-gtk" packages from the requirement. - V-71891 - Updated the grep command to use a wildcard character instead of a specific file name. - V-71897 - Added the "tmux" package as a valid option for compliance. - V-92255 - Added a requirement for the use of a host-based intrusion detection tool - V-71997 - Update the check to include RHEL 7.6 - V-71993 - Update the check to use "ctrl-alt-del.target" instead of "ctrl.alt.del.target"	
V2R2	- Red Hat Enterprise Linux 7 STIG, V2R1	V-71931 - Updated the Check content to produce the correct results. V-71945 - Updated a grammatical mistake in both of the Finding statements. V-71993 - Updated the Fix text to correct a mistake in the "[org/gnome/settings-daemon/plugins/media-keys] logout=" " command. V-72089 - Updated the Finding statement to correct a grammatical error. V-72191 - Updated the Fix text from "insmod" to "kmod". V-72257 - Updated the example output in the Check content and a statement in the Fix text to reflect the proper permission set. V-72269 - Updated the Check content and Fix text so that "maxpoll" is defined on a "server" line.	25 January 2019
V2R1	- N/A	- Initial Release.	31 July 2018