# KUBERNETES STIG
# REVISION HISTORY

## Version 1, Release 8

## 26 January 2023

## Developed by DISA for the DOD

| REVISION HISTORY | | | |
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| **Revision Number** | **Document Revised** | **Description of Change** | **Release Date** |
| V1R8 | - Kubernetes STIG, V1R7 | - CNTR-K8-002700 - Rule number updated due to changes in content management system.<br>- CNTR-K8-003340 - Modified the executable command. | 26 January 2023 |
| V1R7 | - Kubernetes STIG, V1R6 | - CNTR-K8-000150, CNTR-K8-000160, CNTR-K8-000170, CNTR-K8-000180, CNTR-K8-000190, CNTR-K8-000220, CNTR-K8-000270, CNTR-K8-000300, CNTR-K8-000310, CNTR-K8-000320, CNTR-K8-000340, CNTR-K8-000350, CNTR-K8-000360, CNTR-K8-000400, CNTR-K8-000410, CNTR-K8-000420, CNTR-K8-000430, CNTR-K8-000450, CNTR-K8-000460, CNTR-K8-000470, CNTR-K8-000600, CNTR-K8-000610, CNTR-K8-000700, CNTR-K8-000860, CNTR-K8-000890, CNTR-K8-000900, CNTR-K8-000910, CNTR-K8-000920, CNTR-K8-000930, CNTR-K8-000940, CNTR-K8-000950, CNTR-K8-000960, CNTR-K8-001160, CNTR-K8-001360, CNTR-K8-001400, CNTR-K8-001410, CNTR-K8-001430, CNTR-K8-001440, CNTR-K8-001450, CNTR-K8-001460, CNTR-K8-001470, CNTR-K8-001480, CNTR-K8-001490, CNTR-K8-001500, CNTR-K8-001510, CNTR-K8-001520, CNTR-K8-001530, CNTR-K8-001540, CNTR-K8-001550, CNTR-K8-001620, CNTR-K8-001990, CNTR-K8-002000, CNTR-K8-002010, CNTR-K8-002600, CNTR-K8-002620, CNTR-K8-002630, CNTR-K8-002640, CNTR-K8-002700, CNTR-K8-002720, CNTR-K8-003110, CNTR-K8-003120, CNTR-K8-003130, CNTR-K8-003140, CNTR-K8-003150, CNTR-K8-003160, CNTR-K8-003170, CNTR-K8-003250, CNTR-K8-003260, CNTR-K8-003270, CNTR-K8-003280, CNTR-K8-003290, CNTR-K8-003300, CNTR-K8-003310, CNTR-K8-003320, | 27 October 2022 |

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| | | CNTR-K8-003350 - Removed Master Node and replaced with "Control Plane". <br> - CNTR-K8-000330, CNTR-K8-000370, CNTR-K8-000380, CNTR-K8-000440, CNTR-K8-000850, CNTR-K8-000880, CNTR-K8-001300, CNTR-K8-001420 - Removed Master Node and replaced with "Control Plane". Changed check and fix to be accurate and consistent. <br> - CNTR-K8-002000, CNTR-K8-002010 - Add comments to check that PSP will be deprecated and to use the new Pod Security Admission Controller requirements. <br> - CNTR-K8-002001, CNTR-K8-002011 - PSP has been deprecated; Kubernetes must have Pod Security Admission set. | |
| V1R6 | - Kubernetes STIG, V1R5 | - CNTR-K8-001460, CNTR-K8-001470, CNTR-K8-001620 - Corrected typo in Fix: "kuberlet" to "kubelet." | 27 July 2022 |
| V1R5 | - Kubernetes STIG, V1R4 | - CNTR-K8-001300 - Changed wording of vulnerability discussion and check to consider the default configuration value that already satisfies the requirement. <br> - CNTR-K8-001480 - Changed discussion to reflect correct parameter. <br> - CNTR-K8-002010 - PodSecurity replaced the depreciated PodSecurityPolicy admission controller. <br> - CNTR-K8-003140, CNTR-K8-003160, CNTR-K8-003190, CNTR-K8-003230 - Changed fix from chown to chmod. | 27 April 2022 |
| V1R4 | - Kubernetes STIG, V1R3 | - CNTR-K8-000320, CNTR-K8-000920, CNTR-K8-000940 - Removed deprecated --insecure-port. <br> - CNTR-K8-001450 - Changed control to look for this setting in etcd.yaml. Changed discussion to reflect correct parameter. <br> - CNTR-K8-001490 - Changed control to refer to key-file, not keyfile, and to look for setting in Kubernetes etcd manifest. <br> - CNTR-K8-001500 - Changed control to refer to cert-file, not certfile, and to look for | 27 January 2022 |

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| | | setting in Kubernetes etcd manifest.<br>- CNTR-K8-001510, CNTR-K8-001520, CNTR-K8-001530 - Changed control to look for setting in kube-apiserver.yaml.<br>- CNTR-K8-001540, CNTR-K8-001550 - Changed discussion to reflect correct parameter.<br>- CNTR-K8-002010 - Removed deprecated Docker entry. | |
| V1R3 | - Kubernetes STIG, V1R2 | - CNTR-K8-000220 - Changed the param name "use-service-account-credentials" not "use-service-account-credential".<br>- CNTR-K8-000890 - Corrected discussion to address least privilege and not "owned by root".<br>- CNTR-K8-001400 - Removed cipher suites using the CHACHA20_POLY1305. Removed extra space before _SHA256.<br>- CNTR-K8-001420, CNTR-K8-001460 - Changed discussion filename to match the check.<br>- CNTR-K8-001490 - Changed control to address etcd param "key-file" rather than "etcd-key-file". | 27 October 2021 |
| V1R2 | - Kubernetes STIG, V1R1 | - CNTR-K8-000180, CNTR-K8-000190 - Modified Vulnerability Discussion to match Check and Fix.<br>- CNTR-K8-001300 - Changed SRGID to SRG-APP-000190-CTR-000500.<br>- CNTR-K8-001480 - Updated control to address peer-client-cert-auth.<br>- CNTR-K8-001500 – Updated control to address certfile instead of etcd-certfile.<br>- CNTR-K8-002620 - Updated text to state basic-auth-file should not be set.<br>- CNTR-K8-002620, CNTR-K8-002630, CNTR-K8-002640 - Changed SRGID to SRG-APP-000439-CTR-001080.<br>- CNTR-K8-003170 - Changed check for file mode for Kubelet to be client-ca-file.<br>- CNTR-K8-003210, CNTR-K8-003220 - Updated Rule Title, Check, and Fix to refer | 23 July 2021 |

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| | | to kubeadm.conf.<br>- CNTR-K8-003250 - Corrected text that incorrectly updates the ownership rather than file mode.<br>- CNTR-K8-003310 - Replaced audit-log-path with audit-log-maxage.<br>- CNTR-K8-003320 – Revised finding statement in Check to reference this is a finding if not set to a valid path. | |
| V1R1 | - N/A | - Initial Release. | 13 April 2021 |