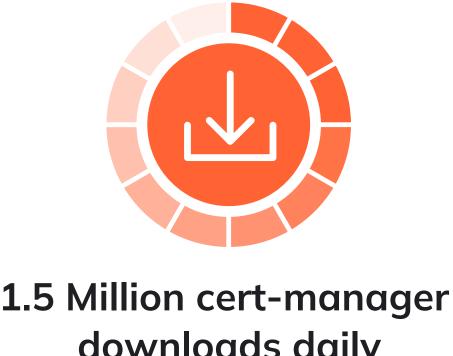


## **Cloud Native** Certificate Management

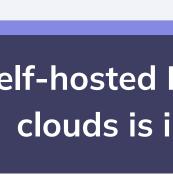
cert-manager is one of the most widely used open source projects in the cloud native ecosystem.





### downloads daily 570 Million

Trending up 2022



9000+ Github Stars

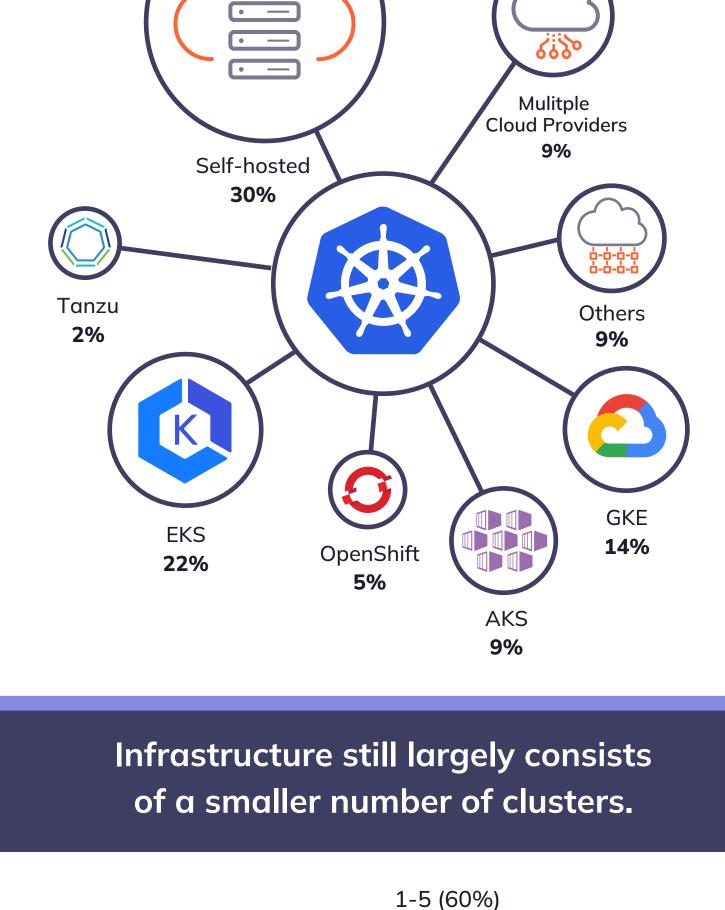
2021

Self-hosted Kubernetes with hybrid clouds is increasingly popular.

7000+ Slack Members

Nearly 40% of cert-manager users reported they do not

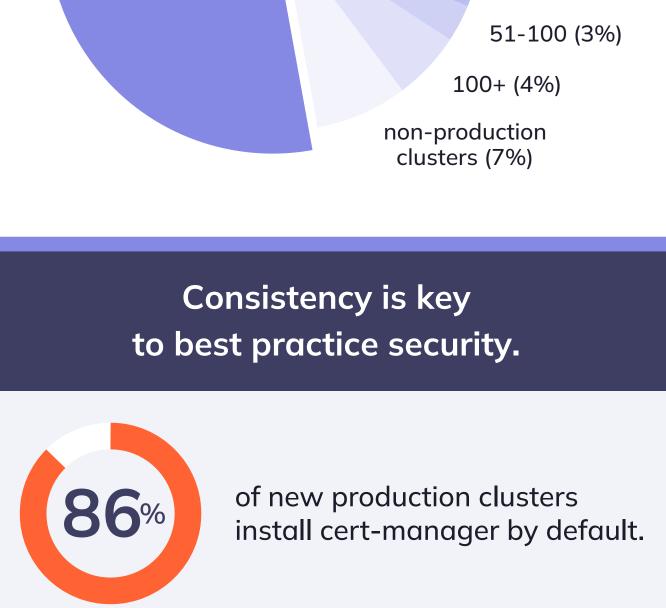
use any particular public cloud as their primary provider.



# 11-20 (6%)

6-10 (14%)

21-50 (6%)



Organizations NOT running the latest version of cert manager

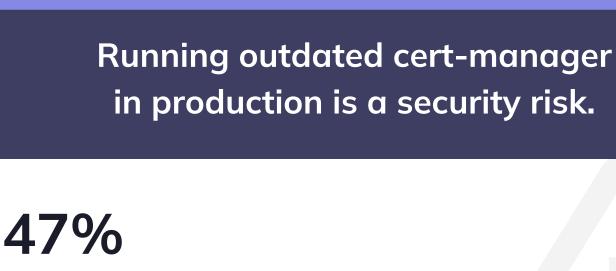
As clusters grow it is vital to ensure all security tooling

**Ingress TLS** 

in production clusters is running the latest version.

cert-manager is clearly installed as a default component for each new cluster, reflecting its strength as a vital tool for

bootstrapping each new production cluster.



an ever-increasing variety of tasks.

cert-manager is being used for

19% Service Mesh mutual TLS

Pod-to-pod mutual TLS

cert-manager is becoming

more important for service mesh.

use a service mesh

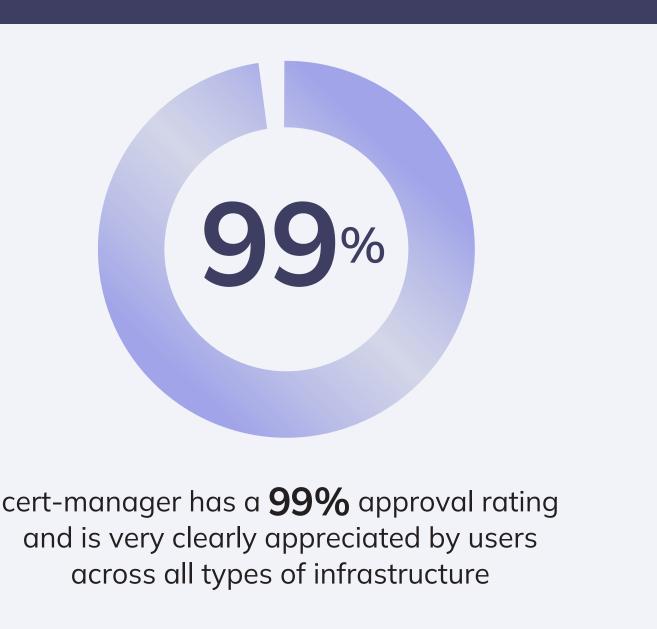
in production with cert-manager.

Fit for the future of cloud native security.

Webhook admission controllers

95%

12%



Certificate misconfigurations are the most

major security concern when using Kubernetes.

Machine identity security vulnerabilities that

are most relevant when using Kubernetes:

79%

No process

to identify and

remediate

certificate

misconfigurations

69%

No visibility

of the total

number of

certificates that

exist in a cluster

No process

to identify

and remove

manually signed

certificates

81%

**Potential** 

misconfiguration

of Ingress

endpoints

No process

for updating

cert-manager

in-cluster

65% 65% 57%

No ability

to ensure intermediate

CAs in clusters

are validated

and trusted

The focus for developer teams is shifting

towards security alongside automation.

After recent attacks targeting development environments, such as SolarWinds, 63% agree that security has become a bigger focus for development teams.

cert-manager is a vital tool for

production environments that are scaling.

validate that

cert-manager is vital as Kubernetes clusters grow

> Click here for more information on cert-manager and to reach out

Survey results as of July 2022

Jetstack, a Venafi company, conducted this survey during March - July 2022 using an online survey form in the cert-manager open source project. 196 responses were received. Venafi is the cybersecurity market leader in identity management for machines. From the ground to the cloud, Venafi solutions automate the lifecycle of identities for all types of machines—from physical devices to software applications, APIs and containers. With more than 30 patents, Venafi delivers innovative solutions for the most

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demanding, security-conscious organizations in the world. To learn more, visit venafi.com

to the project team. cert-manager was created by Jetstack and donated in 2020 to the CNCF.