



Compatibility Guide for AKO

Avi Technical Reference (v21.1)

Copyright © 2021

Compatibility Guide for AKO

[view online](#)

Overview

The Avi Vantage platform integrates with Kubernetes/OpenShift using the operator called Avi Kubernetes Operator (AKO). This document outlines the compatibility and features supported by AKO in different environments.

Support for Kubernetes/ Orchestrators

The AKO version 1.2.1 support for Kubernetes/Orchestrators is as below:

AKO Release	Versions Supported
Kubernetes Support	Versions 1.16, 1.17, 1.18
OpenShift Support	Versions 4.3, 4.4, 4.5

Support for Avi Ecosystems and CNI

AKO supports the following CNI: * Calico * Antrea * OpenShift SDN * Flannel

Avi Controller Version Support for AKO

AKO Release (s)	Avi Controller Versions Supported
0.9	118.2.6 - 18.2.10
1.1	18.2.6 - 18.2.10
1.2	18.2.10, 20.1.1 (minimum requirement)

Features Not Supported in AKO Release 1.2.1

AKO version 1.2.1 does not support the following:

- OpenShift 3.x
- Avi Annotations
- Egress pod
- Multiple tenants

Caveats and Restrictions

- If `Static Routing for Pod connectivity` is enabled, then upgrade from AKO version 1.1 to version 1.2 is not supported. In this case, delete the existing environment in version 1.1.1 and install AKO version 1.2.
- AKO does not support ingresses which do not have either hostname or a path defined.
- Ingresses in Kubernetes will be deployed only as Sharded L7 VSs in Avi. Dedicated VSs will not be supported for Ingresses.
- Services of type:LoadBalancer will only be deployed as dedicated L4 virtual services in Avi

- Change of Sharding scheme requires a restart of AKO and will be service impacting

Document Revision History

Date	Change Summary
September 18, 2020	Published the Compatibility Guide for AKO version 1.2.1
July 20, 2020	Published the Compatibility Guide for AKO version 1.2.1 (Tech Preview)