



Avi Kubernetes Operator Version 1.2 Release Notes

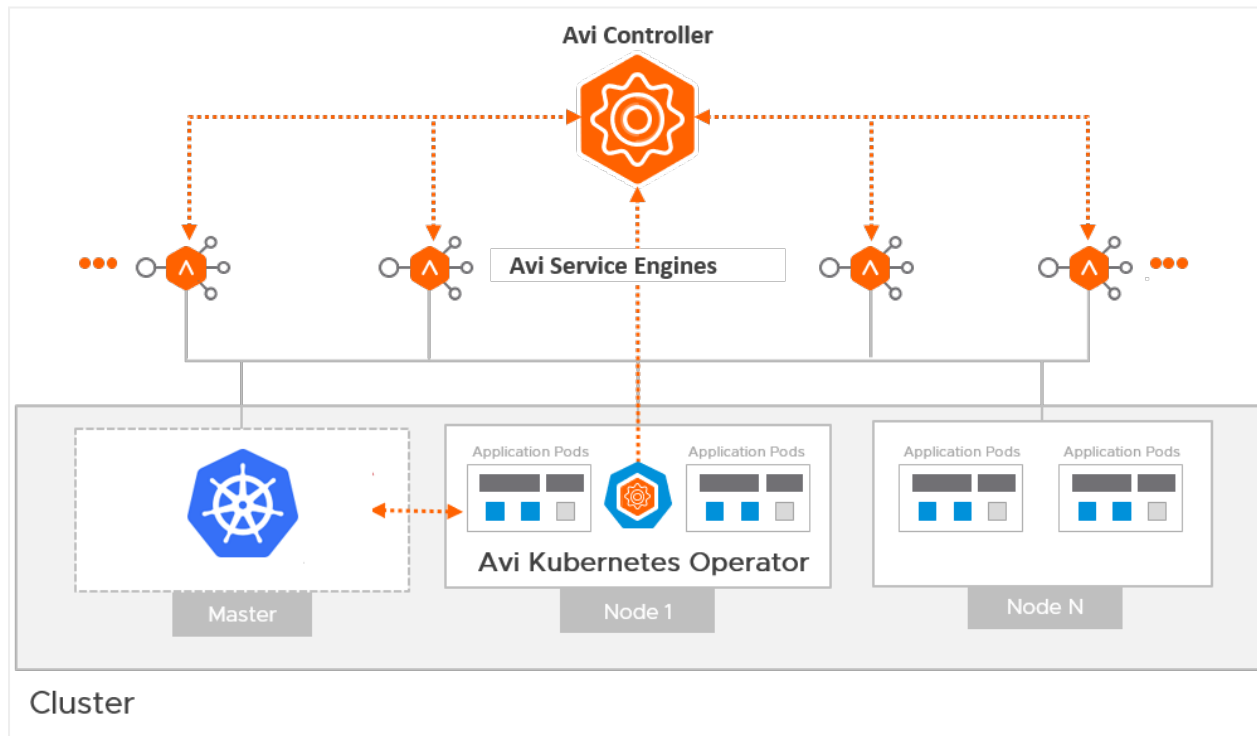
Avi Technical Reference (v20.1)

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The Avi Vantage platform integration with OpenShift/ Kubernetes provides a redesigned architecture involving a new operator called Avi Kubernetes Operator (AKO). The following illustration outlines the components of the Avi Kubernetes integration.



Issues Resolved in AKO version 1.2.3

- AV-99789: HTTP Rule does not get applied to Pools for nested paths of type `/foo/bar`

Issues Resolved in AKO version 1.2.2

- AV-99538: AKO pod crashed when Ingress is configured with no backends

What's New in AKO Version 1.2.1

- [Support for OpenShift 4.x:](#)
 - [Insecure Routes](#)
 - [Insecure Routes with alternate backends](#)
 - [Secure routes with Edge Termination policy](#)
 - Secure Routes with insecure Edge Termination policies - [Redirect](#) or [Allow](#)

- [Secure Routes of type Passthrough](#)
- [Secure Routes with re-encrypt functionality](#)
- [Support for HTTP Rule and Host Rule CRDs](#)
- Support for pod network connectivity via static routing in OpenShift
- [Support for a Service Engine group per OpenShift /Kubernetes cluster](#)
- Support for Avi Controller release 20.1.1
- [Support for routes and ingresses with Services of type NodePort](#)

Key Changes in AKO 1.2.1

- The AKO pod restarts if it is unable to establish a connection after retries with the Avi Controller on the first boot-up.
- The AKO pod uses a stateful sets instead of an earlier deployment yaml to ensure that the two AKO pods do not run simultaneously at a given point in time.
- VRF based routing support with AKO has been deprecated
- Pod Security Policies for the AKO pod are provided in 1.2.1

End of Support

VRF based Static Routing for Pod Connectivity

Deprecated the need for having clusters in different VRFs.

Starting with AKO 1.2.1, all static routes are created in global VRF.

Pod connectivity is now available through [SE groups per Kubernetes/OpenShift cluster](#).

AKO Documentation

To install AKO and get started, refer to the [AKO Installation Guide](#).

For more information about AKO, refer to the [Documentation for AKO](#).

To know more about the compatibility matrix for the Avi Controller, AKO, Kubernetes, and Kubernetes CNIS, refer to the [Compatibility Guide for AKO](#).

Document Revision History

Date	Change Summary
September 18, 2020	Published the Release Notes for AKO version 1.2.1
July 20, 2020	Published the Release Notes for AKO version 1.2.1