



Amazon Web Services Support in Avi Vantage

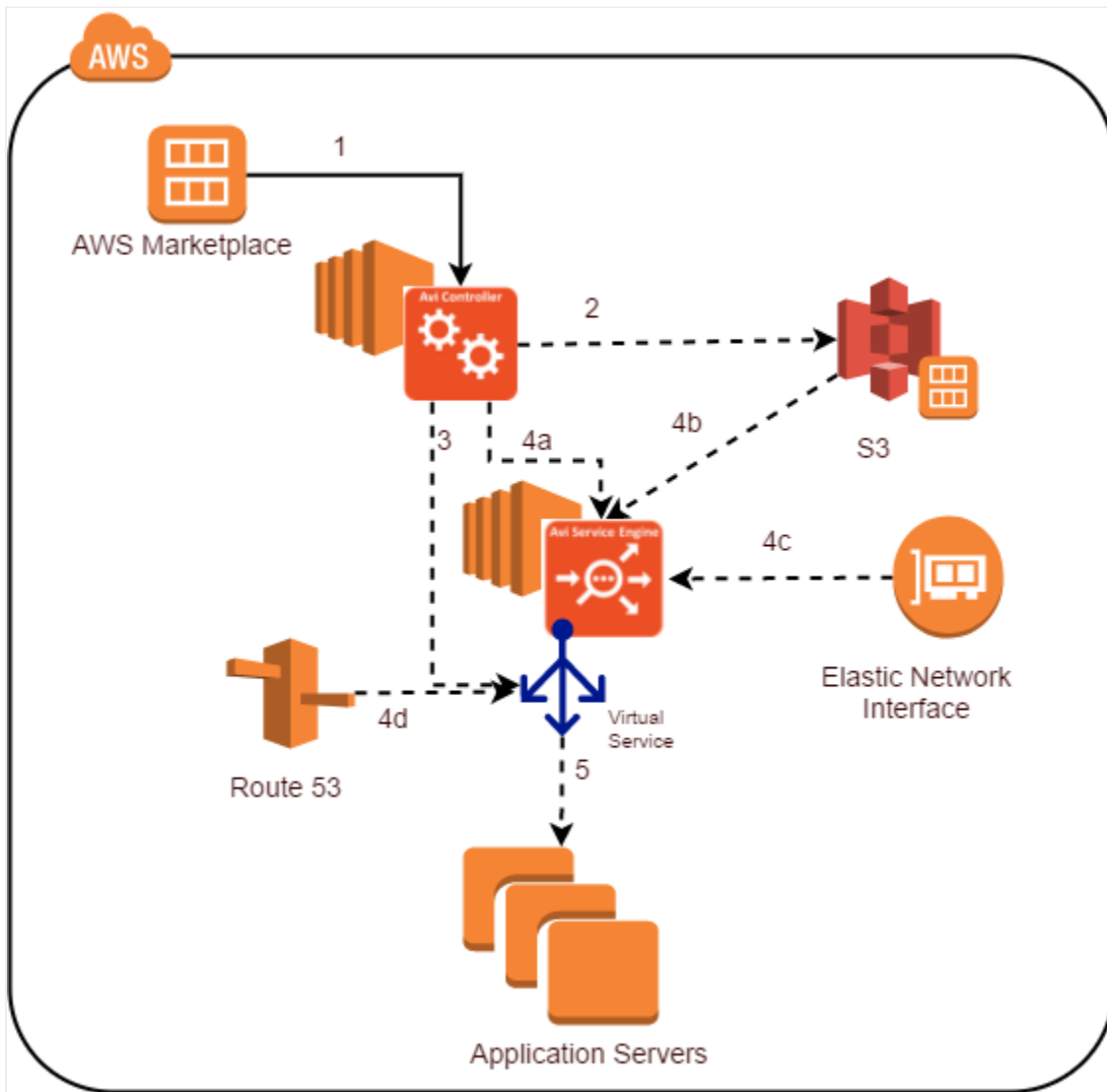
Avi Technical Reference (v18.1)

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Starting with the 16.2 release, Avi Vantage supports Amazon Web Services integration. Avi Vantage offers elastic application services that extend beyond load balancing to deliver real-time application and security insights, simplify troubleshooting, auto scale predictively, and enable developer self-service and automation in Amazon Web Services.



Avi Vantage deployment for AWS offers the following advantages: * Full-featured load balancing, including multiple load-balancing algorithms and advanced HTTP content switching capabilities. * AWS APIs integration for spinning up EC2 instances. * Real-time insights into application health, end-user experience, and log analytics. * Dynamic workload mobility across clouds based on business metrics such as cost, performance, security, and compliance requirements, reducing risk, and providing flexibility.

The following table provides a comprehensive list of links to the documentation for AWS integration with Avi Vantage:

[Support for AWS SQS Encryption](#)

Solution References

Complete Installation Guide

[Installing Avi Vantage in Amazon Web Services](#)

Reference Architecture Guide

[Avi Vantage Reference Architecture for Amazon Web Services](#)

Deployment References

Autoscaling in Public Clouds

[Autoscaling in Public Clouds](#)

Controller Cluster Deployment

[Controller Cluster Deployment Across Two Availability Zones](#)

GSLB Deployment

[Avi GSLB in an AWS Multi-Region, Multi-AZ Deployment](#)

IAM AssumeRole

[AWS Cross-Account AssumeRole Support](#)

IAM Role Setup

[IAM Role Setup for Installation into AWS](#)

Recommended Resource Requirements

[Sizing Service Engines](#)

Configuration References

Auto Scaling Groups

[Avi Integration with AWS Auto Scaling Groups](#)

Configuration and Metrics Collection

[Configuration and Metrics Collection on Avi Vantage for AWS Server .](#)

Controller Cluster

[Avi Controller Cluster Configuration in AWS](#)

DNS

[DNS Provider \(AWS\)](#)

EBS Encryption

[Amazon EBS Encryption Support in Avi Vantage](#)

IPAM

[IPAM Provider \(AWS\)](#)

Support for AWS SQS Encryption

(with release 17.2.8)

Security Groups

[Custom Security Groups in OpenStack and AWS Clouds](#)

Tag for Auto-Created SEs

[Configuring a Tag for Auto-created SEs in AWS](#)