



# Amazon Web Services Support in Avi Vantage

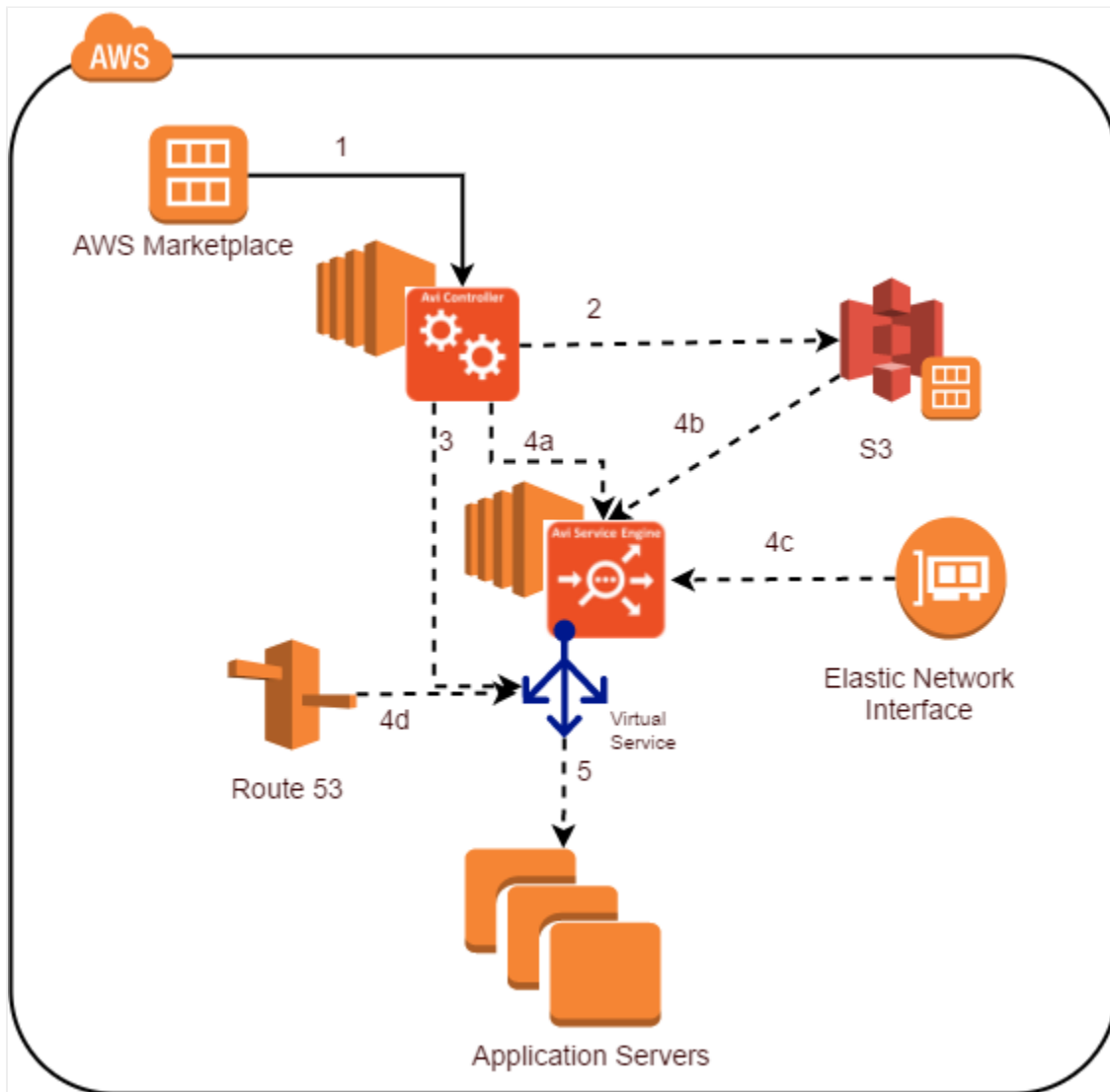
Avi Technical Reference (v17.1)

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# Amazon Web Services Support in Avi Vantage

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Starting 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:

**Solution References**

**Complete Installation Guide**

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

**Deployment References**

**Controller Cluster Deployment**

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

**IAM Role Setup**

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

**IAM AssumeRole**

[AWS Cross-Account AssumeRole Support](#)

**Recommended Resource Requirements**

[Sizing Service Engines](#)

**Autoscaling in Public Clouds**

[Autoscaling in Public Clouds](#)

**Configuration References**

**Tag for Auto-Created SEs**

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

**Controller Cluster**

[Avi Controller Cluster Configuration in AWS](#)

**Auto Scaling Groups**

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

**Configuration and Metrics Collection**

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

**Security Groups**

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

**DNS**

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

**IPAM**

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

**Security**

[Further Tightening Security in OpenStack and AWS Clouds](#)