



# Amazon Web Services Support in Avi Vantage

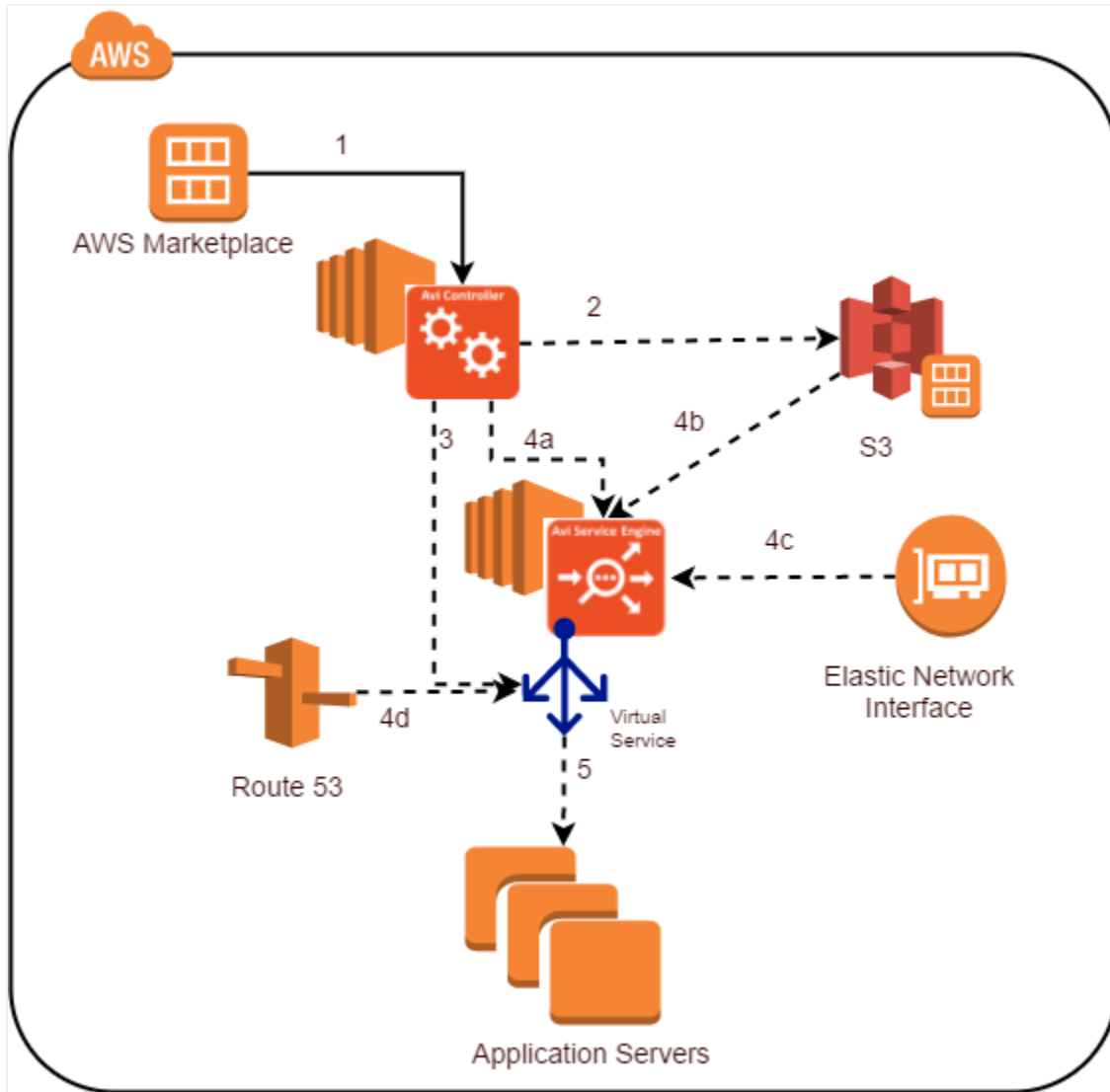
Avi Technical Reference (v18.1)

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# Amazon Web Services Support in Avi Vantage

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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:

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