Fortinet Cloud Consulting Services
FortiWeb VM on AWS JumpStart Consulting Service

Introduction

The objective of this five-day consulting engagement is to design and implement a FortiWeb VM web application firewall (WAF) for your AWS environment and ensure your team is equipped with the knowledge to further enhance your security posture.

FortiWeb VM integrates with many AWS services, such as AWS Application Load Balancer. Fortinet experts will design an architecture to help you take advantage of the native integrations and automate your application and application programming interface (API) security capabilities. This will not only strengthen your defenses but also streamline your time to value.
Typical Engagement Includes:

Custom Architecture Build

Fortinet experts will design an architecture that adheres to AWS design best practices, including but not limited to:

- Compliance
- Resilience and fault tolerance
- High availability
- Scalability
- Cost optimization
- Shared security services

As part of the architecture service, multiple design options that leverage various AWS and Fortinet solutions and services will be presented with the pros and cons of each design discussed in detail. These designs could include:

- Active/Active with AWS Load Balancer
- Active/Passive cluster

The architecture can address a reverse proxy use case. The architecture will be finalized based on your requirements, which will be discussed in detail during the engagement.

We will provide guidance on VM instance type/size in AWS based on the following criteria:

- Projected bandwidth/throughput requirement
- Predictability of the network traffic

Implementation

Fortinet will assist in the implementation and configuration of FortiWeb VMs in AWS, including:

- Basic configuration to ensure traffic flows across the deployment
- FortiWeb HA configuration in AWS
- The necessary templates required to deploy the FortiWeb virtual appliances in AWS based on one of the following automation frameworks:
  - HashiCorp Terraform
  - AWS CloudFormation
- Application fine-tuning for up to three applications
- Solution deployment in up to two regions

Transfer of Information (TOI)

This includes continuous knowledge transfer throughout the life of the project. We will train your engineers and architects on key AWS security concepts and security design best practices, such as:

- Advanced routing features
- AWS Load Balancer advanced concepts
- AWS Transit Gateway
- FortiWeb VM in AWS
Documentation

We will provide you with detailed design/architecture document(s) that covers all aspects of the proposed solution in your AWS environment, including:

- Design diagrams
- Deployment guide that outlines steps necessary to deploy all components of the solution