FORTINET LOAD BALANCER (FORTIADC) MENTORED INSTALL

Service Overview

At Netnology, we specialize in Fortinet application delivery enablement and implementation services. As part of this Fortinet Load Balancer service offer, our subject matter experts (SME) partner with your team to ensure smooth deployment of the Fortinet FortiADC Application Delivery Controller solution and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the Fortinet load balancing environment. Mentored install services is a 10-day (up to 80 hours) engagement.

Solution Overview

Fortinet FortiADC is an Application Delivery Controller (ADC) that provides application availability, performance and security for applications hosted in private data centers and public clouds. FortiADC is available as hardware appliances, virtual machines and public cloud instances, and integrates with the Fortinet Security Fabric. FortiADC supports Enterprise Hybrid/Multi-cloud strategy, and provides several key benefits to customers including the following:

- Layer 4 and Layer 7 server load balancing with flexible load balancing methods and health checks.
- SSL/TLS offloading and acceleration with centralized certificate management.
- Integrated application security including Web Application Firewall (WAF), DDoS protection and IP reputation.
- Link load balancing across multiple internet service providers.
- Application optimization through content routing, HTTP rewriting, caching and compression.

Service Benefits

Netnology has a team of world class engineers who specialize in Fortinet FortiADC solution and are passionate about customer success. Netnology will partner with you to provide:

- Step-by-step guidance from an SME on Fortinet FortiADC solution deployment.
- Mentored deployment of Fortinet FortiADC solution.
- Knowledge transfer to ensure the customer is ready to configure and manage the environment.

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Service Scope

As part of the engagement, Netnology will help with the following:

- Project Kickoff
- FortiADC Appliances (up to 2)
  - Setup and Device Activation
  - Licensing
  - Software upgrade (if necessary)
- Configure Network Interfaces, VLANs and Routing
- Configure High Availability (Active-Passive / Active-Active) (if desired)
- Configure Server Load Balancing (up to 3)
  - Virtual Servers (Layer 4 and Layer 7)
  - Real Server Pools
  - Load Balancing Methods (Round Robin, Least Connections, Weighted, Hash)
  - Health Checks
  - Persistence
- Configure SSL Offloading and Certificate Management
- Configure Application Optimization
  - Content Routing
  - HTTP Rewrite / Redirect
  - Caching and Compression
- Configure Application Security
  - Web Application Firewall (WAF)
  - DDoS Protection
  - IP Reputation
- Configure Logging, Monitoring and Reporting
- Optional GSLB
- Knowledge Transfer & Handoff

Target Audience

This service is designed for Network Architects, Network and Application Delivery Engineers and Administrators configuring, deploying, and managing the Fortinet FortiADC load balancing solution.

Prerequisites

The customer needs to ensure that ALL network devices are rack & stacked, cabled and powered up and network connectivity to the application servers is established prior to the kick-off. Customer also needs to acquire the necessary hardware, software, licenses and SSL certificates for the deployment of the Fortinet FortiADC solution, and provide the application and server inventory (and DNS delegation, if GSLB is in scope).

Service Deliverables

No	Deliverable	Service Details
1.	Project Kickoff	• Project Overview • Solution Overview
2.	FortiADC Components	• Appliance setup and activation • Licensing and FortiGuard services • Network interfaces, VLANs and routing
3.	High Availability	• HA cluster configuration • Failover testing
4.	Server Load Balancing	• Virtual servers (Layer 4 / Layer 7) • Real server pools and load balancing methods • Health checks and persistence
5.	SSL and Application Optimization	• SSL offloading / re-encryption and certificates • Content routing, HTTP rewrite, caching and compression
6.	Application Security	• Web Application Firewall (WAF) profiles • DDoS protection and IP reputation
7.	Knowledge Transfer and Handoff	• Final review of the project • Project technical details and decisions • Q&A • Project Handoff

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