

Configuring F5 SSL Orchestrator

Chapter 1: Introducing SSL Orchestrator

- ❓ Why is SSL Visibility Needed?
- ❓ SSL Visibility without SSL Orchestrator
- ❓ The SSL Orchestrator Solution
- ❓ SSLO Placement on the Network
- ❓ Platform and Licensing Requirements
- ❓ Leveraging F5 Support Resources and Tools

Chapter 2: Reviewing Local Traffic Configuration

- ❓ Reviewing Nodes, Pools, and Virtual Servers
- ❓ Reviewing Address and Port Translation
- ❓ Reviewing Routing Assumptions
- ❓ Reviewing Application Health Monitoring
- ❓ Reviewing Traffic Behavior Modification with Profiles
- ❓ Reviewing the TMOS Shell (TMSH)
- ❓ Reviewing Managing BIG-IP Configuration Data

Chapter 3: Certificate Fundamentals

- ❓ Overview of Internet Security Model
- ❓ Understanding how Certificates are Used
- ❓ Using a Certificate in Profiles
- ❓ SSL Forward Proxy
- ❓ SSLdump

Chapter 4: SSLO Traffic Flow

- ❓ SSL Orchestration is more than Visibility
- ❓ Inbound/Outbound Inspection
- ❓ Flow Support and Cipher Diversity
- ❓ Broad Topology and Device Support
- ❓ Dynamic Service Chaining and Policy-based Traffic Steering
- ❓ Advanced Monitoring
- ❓ Dynamic Scaling
- ❓ Dynamic Evaluation
- ❓ Selecting the Appropriate Topology

Chapter 5: Using SSLO Guided Configuration

- ❓ Introducing Guided Configuration
- ❓ Reviewing the Landing Page
- ❓ Differentiating Topologies
- ❓ SSL Configuration
- ❓ Services and Service Handling
- ❓ Constructing Service Chains
- ❓ Creating a Security Policy
- ❓ Defining an Interception Rule
- ❓ Examining Egress
- ❓ Applying Log Settings
- ❓ Summary page and Deployment
- ❓ Exploring the Dashboard

Chapter 6: SSLO Deployment Scenarios

- ❓ Transparent Forward Proxy
- ❓ Explicit Forward Proxy
- ❓ Classroom Lab Environment
- ❓ Gateway Reverse Proxy (L3 Inbound)
- ❓ Existing Application

Chapter 7: Managing the SSLO Security Policy

- ❓ Review creating Security Policies
- ❓ View Security Policies
- ❓ Viewing Per-Request Policies

Chapter 8: Troubleshooting SSLO

- ❓ Solving Traffic Flow Issues
- ❓ Solving Guided Configuration(UI) and iAppLX issues
- ❓ Determining SSLO Version
- ❓ Troubleshooting using cURL
- ❓ Viewing Log Files
- ❓ Capturing Traffic using tcpdump
- ❓ Backing up SSLO
- ❓ Deleting a SSLO Configuration

Chapter 9: SSLO High Availability

- ❓ Deploying BIG-IP Systems to Achieve High Availability
- ❓ Establishing Device Trust
- ❓ Establishing a Sync-Failover Device Group
- ❓ Synchronizing Configuration Data
- ❓ SSLO High Availability (HA) Requirements
- ❓ Installation and Upgrade Cautions
- ❓ Troubleshooting HA