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 Configration(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