

F5 BIG-IP LTM

Local Traffic Manager — Load Balancing & Application Delivery
M-AI Networking · Sample / Placeholder Document

Core Concepts

- BIG-IP TMOS architecture and modules overview
- Virtual Servers: standard, forwarding, performance
- Pools, pool members, and priority groups

Load Balancing Methods

- Round Robin, Least Connections, Ratio, Priority
- Health monitors: HTTP, HTTPS, TCP, custom
- Persistence profiles: cookie, source IP, SSL session ID

Profiles & iRules

- HTTP, SSL client/server profiles
- Compression and caching profiles
- iRules basics: when CLIENT_ACCEPTED, HTTP_REQUEST

High Availability

- Device Service Cluster (DSC) configuration
- Active/Standby and Active/Active deployments
- Connection mirroring and failover triggers

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