CA Layer 7 API Service Manager

Simplify API, Service & Gateway Management Across Datacenters & the Cloud

The CA Layer 7 API Service Manager offers:

Global Gateway Management

Gain a single view into the health and performance of all API Gateways in the enterprise, as well as related APIs/services, dramatically reducing management costs and complexity

Dramatically Reduced Migration Risk

Automatically resolve network and identity conflicts when implementing or updating services across the extended enterprise, via a simple drag-and-drop interface

Global Services Visibility

Centrally access a fully- configurable, API-extensible service management dashboard featuring reports on service performance and KPI achievement

Learn More About CA Layer 7's API Service Manager

- **Phone**
  +1-800-681-9377
  (toll free within North America)
  or +1-604-681-9377
- **Email**
  info@layer7.com
- **Web**
  www.layer7.com
- **Facebook**
  www.facebook.com/layer7
- **Twitter**
  @layer7

Enterprise-Scale Service Management

As enterprises continue opening on-premise systems to partner organizations, app developers, mobile devices and cloud services, the range of use cases for CA Layer 7's API Gateways has grown considerably. Consequently, many CA Layer 7 customers now run multiple Gateways dispersed across geographical locations and the cloud.

The CA Layer 7 API Service Manager, which is available pre-integrated with all CA Layer 7 API Gateways, simplifies the process of managing complex Gateway deployments that span multiple on-premise and cloud datacenters, significantly reducing the time and resources needed to manage services across the extended enterprise.

Centrally Monitor & Manage Gateways, APIs & Services

The API Service Manager gives IT operations centralized visibility into the health of CA Layer 7 Gateways and the APIs/services these Gateways proxy. Using the API Service Manager, administrators can:

- More easily promote services from development to test to production
- Ensure consistent policy configurations globally
- Track service and infrastructure health/performance

The CA Layer 7 API Service Manager provides configurable dashboarding and reporting for a host of operations-level and services-level KPIs, delivering at-a-glance insight into the usage and quality of APIs and services.

The API Service Manager also provides health visibility across physical, virtual and cloud-based CA Layer 7 Gateways, making it possible to govern the enforcement and migration of API, SOA and cloud services ac02ross the distributed enterprise.

The Service Manager additionally provides simple integration with a variety of enterprise-level business intelligence, reporting and event correlation tools, for deeper analytics and insight.

Complete, Pre-Integrated Gateway Management Functionality

Key capabilities of the CA Layer 7 API Service Manager include:

- Gateway performance metrics and health status reporting
- Global visibility across distributed SOA, API and cloud services
- Activity reporting based on service, operation, user or custom parameter
- Policy migration across dev, test, production and disaster recovery
- Cross-cluster configuration management

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Key Features	
Gateway Management	
Operations Console	• Single, real-time view of all Gateways across the enterprise and cloud, showing audits, events and key metrics (e.g. disk usage, CPU temperature, clock drift, audit/log file size, throughput, routing failures, utilization and availability rates)
Reporting & Analysis	• Configurable, out-of-the-box reports providing insight into Gateway operations, service-level performance and user experience
Customer Mapping	• Reports on service performance, policy violations and SLA conformance based on specific customers, composites (i.e. processes and transactions using a service) or clients to build a profile of the actual enterprise/cloud user experience
Troubleshooting	• Insight into the health of the Gateway infrastructure and associated services, with proactive monitoring for exceptions, making it possible to take appropriate action in real time to minimize business impact
Policy Governance	
Policy Migration	• Centrally move policies and policy fragments between Gateways located in different environments (development, test, staging, production etc.), settings or geographies via a user-friendly graphical interface
Dependency Resolution	• When migrating policies, get information on discrepancies between environments (e.g. incompatible Gateway licenses, differently-names LDAPs) in order to resolve the differences and save the mappings for subsequent use
Policy Organization	• Create views of policies by business function (e.g. by business unit, customer etc.) or geographically by Gateway infrastructure in order to reflect the way your business works, simplifying policy management
Remote Management	
API Access	• Use CA Layer 7's remote management APIs in-order to integrate your organization's existing, third-party management tools into the Gateway, thereby simplifying the process of asset management
Remote Troubleshooting	• Remotely access logs and audit files on any CA Layer 7 API Gateway or cluster of Gateways in order to identify and trace issues
Centralized Operations Control	• Leverage policy migration capabilities to quickly "clone" multiple policies between Gateways across geographically dispersed enterprise datacenters and the cloud in order to support fail-over and disaster recovery
Supported Standards	
XML, JSON, SOAP, REST, PCI-DSS, AJAX, XPath, XSLT, WSDL, XML Schema, LDAP, SAML, XACML, OAuth 1.0a/2.0, PKCS, Kerberos, X.509 Certificates, FIPS 140-2, XML Signature, XML Encryption, SSL/TLS, SNMP, SMTP, POP3, IMAP4, HTTP(S), JMS, MQ Series, Tibco EMS, Raw TCP, FTP(S), WS-Security, WS-Trust, WS-Federation, WS-SecureExchange, WSIL, WS-I, WS-Addressing, WS-Policy, WS-SecureConversation, WS-MetadataExchange, WS-SecurityPolicy, WS-PolicyAttachment, WS-I BSP, UDDI, WSRR, MTOM, IPv6, WCF	

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