

# Cisco DNS as a Service (DNSaaS)



Cisco DNS as a Service (DNSaaS) is available as part of Cisco® Secure Cloud WAF and Bot Protection and provides comprehensive domain name system (DNS) management—essential for the seamless functioning of all online applications.

By leveraging DNSaaS, Secure Cloud WAF and Bot Protection customers benefit from advanced security capabilities, exceptional reliability, and comprehensive management tools, all designed to keep applications protected, available, and performant.

Key capabilities include:

**Centralized Management**—Fully integrated into the Cisco Secure Cloud WAF and Bot Protection solution, the DNSaaS centralized management console provides an easy-to-use interface for managing all DNS hosts, records, and health check configurations in a single location.

- **Routing Records**—Records are based on geo or failover and include:
  - **Geo Location Routing Policy:** Directs user requests to resources based on their geographic origin, such as continent, country, and state (when relevant).
  - **Failover Routing Policy:** Ensures high availability by directing traffic to a primary application source and rerouting to a secondary source if the primary becomes unavailable.
- **Health Checks**—The health of application sources is continuously monitored and can be configured and customized to accommodate customer needs.

**Traffic Distribution**—Provides control of traffic distribution to specific resources or endpoints, ensuring users are served from the closest or most appropriate data center, improving latency and user experience.

**Real-time Analytics and Monitoring**—Monitors the number of queries per hosted zones.

**Security**—DNSaaS servers are protected against DNS DDoS attacks to protect availability and uptime and ensure that the DNS infrastructure remains unaffected by malicious attacks.

An integral component for any business that prioritizes application availability, security, and performance, Cisco DNSaaS is more than just managing domain names; it's about safeguarding your business's digital presence and ensuring a seamless experience for end users.

*DNSaaS is provided by Cisco through its global OEM partnership with Radware.*