DMS-22/23-156 Content Delivery Network (CDN) Solution

Description of Solution

World Wide Technology's (WWT) solution is based on Akamai®, the leading Cloud Security Platform providing enterprises across the globe secure, high-performing user experiences on any device, anywhere. Akamai's CDN architecture is ISP and carrier-agnostic, ensuring availability by not being dependent upon a single carrier or network. Akamai is the longest tenured FedRamp and most widely adopted platform, trusted across the federal government and by all branches of the US Military. Akamai is trusted by thousands of mission-critical, public-sector agencies across the US. Akamai is a major peering component of the Florida LambdaRail, and the standard across enterprise state agencies.

CDN services are not the same. The architecture for supporting Florida is consistently the most secure and highly resilient solution available. Review service performance and outages of your available services by typing vendor name in the link below https://downdetector.com/.

Florida Agencies will secure Web Applications, APIs (WAAP) and Domain Name Services (DNS) with a comprehensive Content Delivery Network (CDN) architecture that protects web content and application programming interfaces (API) against distributed denial of service attacks and targeted web app attacks while fending off adversarial bots, detecting client-side script attacks, and protecting users' accounts from fraud. Deployed as the standard across a multitude of mission critical systems across the state, the highly distributed, cloud-agnostic CDN platform service for Florida government, provides maximum levels of security, performance, and availability of online agency workflows and critical apps in any environment—on-premises, across clouds, and out to the secure edge.

- ✔ Adaptive protections automatically push the latest app and API protections
- ✔ Proactive self-tuning eliminates time-consuming manual patching of web services security flaws
- ✔ DDoS protection drops network attacks at the edge and responds to application-layer attacks within seconds
- ✔ Developer and technical resources keep you securely innovating web apps with speed
- ✔ API discovery and protections to manage risk from new or previously unknown APIs

- ✔ DevOps integration with a simple GUI or with our Terraform provider, APIs, or the Akamai CLI
- ✔ Included bot detections improve security against automated attacks and increase performance
- ✔ Quickly onboard and easily apply security configurations to your new applications and APIs to address security risks
- ✔ Custom dashboard interfaces, real-time alerts, and SIEM integration to investigate security vulnerabilities and triage attacks
- ✔ Access controls for advanced AppSec management, managed services, and professional services

- ✔ Real-time threat intelligence based on Akamai's unprecedented internet visibility to proactively block malicious domains and malicious websites
- ✔ Block low-throughput DNS data exfiltration in real time
- ✔ Selective level of inspection — recursive DNS-only or proxy risky web traffic — lets you choose the right level of protection for your use case
- ✔ Identify and control shadow IT application controls to identify and control unsanctioned applications based on risk score or application type
- ✔ Protect users and IoT devices anywhere with lightweight clients for Windows, macOS, iOS, Android, and ChromeOS devices

- ✔ Flexible traffic on-ramps that allow you to select the method or methods that fit into your network architecture
- ✔ Intuitive policy management that lets you easily create and deploy policies based on user, group, locations, network subnet, and more
- ✔ Real-time analysis and reporting for all outbound traffic, threat events, AUP events, and more
- ✔ Configure and manage every feature via an API and integrate with your SIEM
- ✔ Increase your DNS security and reduce DNS attacks with DNSSEC, DNS over HTTPS (DoH), and DNS over TLS (DoT)
- ✔ Leverage a unique architecture that segments DNS resources across nonoverlapping clouds
- ✔ Gain actionable insights and analytics on peacetime and under-attack DNS infrastructure performance

Core CDN Web Application and API Protection , Guaranteed DNS Resiliency , Carrier Grade Secure Internet Access

Value Add and Training

Below are some of the value-added services and trainings offered in the World Wide Technology (WWT) solution:

Included Breach and Attack Simulation Solution for Florida Government
Access to WWT's Advanced Technology Center
Complimentary Training by Akamai
WWT's "Hour of Cyber"

Virtual and Onsite Security Briefings at Akamai Florida Based Global SOC
Access to WWT's Digital Platform
WWT's Security Transformation Briefings and Workshops
WWT's Research Reports

Managed Services

Fully managed and maintained by Akamai.

Akamai Foundation

A True Commitment to Florida

Codeart Inc, Florida
NAF Mega Student Industry Conference, Florida
IT Women Foundation, Inc., Florida
Florida Conference of SDA, Florida
Project Lift, Inc, Florida

FLGISA
FLORIDA LOCAL GOVERNMENT

DIVERSITY

In Reach

DIVERSITY

intersect

APIC

akamai
Ohana

out
DIVERSITY

Akamai
MILITARY
VETERANS
★ ★ ★ ★

FLR
Florida LambdaRail
Florida's Research and Education Network

CYBER FLORIDA

WOUNDED WARRI
PROJECT

Florida Technology Council

250+ Federal Agencies including
all of DOD
2800+ SLTT Agencies
200+ Florida SLTT Agencies
12 of top 15 Counties in Florida
9 of top 10 Cities in Florida
University of Miami, University of
South Florida, and all university
members of Florida LambdaRail

Support for Florida from our Florida SOC

200 East Las Olas

Akamai

America's
Most
Responsible
Companies
2024
★ ★ ★ ★ ★