PRESIDIO® | f5®

Get Cloud Right with Presidio and F5
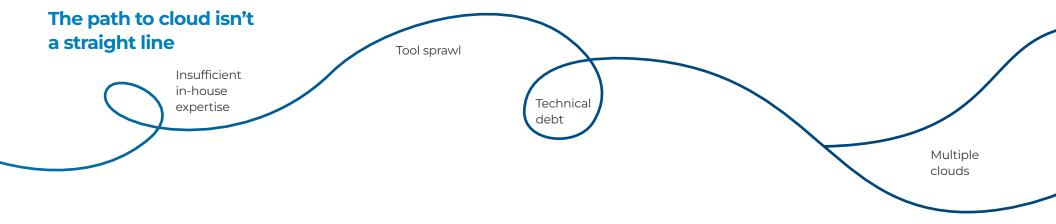
Accelerate your digital transformation journey while minimizing cost, complexity, and risk.

Cloud First vs. Cloud Right

Have you found yourself stuck mid-transformation? You're not alone. Often organizations can't meet their cloud goals due to skills shortages, workload challenges, security concerns, and more. While many organizations strived to be cloud first, it was done at the expense of getting cloud right. For many, public cloud deployments are ad hoc and hastily assembled, creating unnecessary cost and complexity.

The path to cloud isn't a straight line

Insufficient in-house expertise

Tool sprawl

Technical debt

Multiple clouds

It's not too late to get cloud right

While nearly every business has a cloud presence, 69% of leaders still don't have a clearly defined cloud strategy.[1] But that doesn't mean you have to be stuck with what you have. Now is the time to re-mold your cloud infrastructure into something that's more efficient and cost effective.

According to Gartner, many organizations believe it's too late to devise a cloud strategy if they're already using cloud computing. But it's better late than never to formally define the cloud's role in your organization.[2]

Expert guidance backed by the right solutions can help you overcome your cloud challenges for a modern, optimized environment that enables secure innovation.

CLOUD FIRST VS. CLOUD RIGHT ACHIEVE BALANCE PROTECT APPS EVERYWHERE DRIVE AVAILABILITY + PERFORMANCE CLOUD COST OPTIMIZATION PRESIDIO + F5

Part of Getting Cloud Right Is Achieving Balance

Managing the complexity of multiple tools and applying consistent security policies were rated the top multi-cloud challenges.[3] To avoid these issues, you may be tempted to simplify your cloud strategy by opting for a single cloud provider, but oversimplifying has its own risks.

Potential consequences of a cloud strategy that's:

TOO COMPLEX

- Resource strain due to management effort and tool sprawl
- High or uncontrolled costs
- Risk from misconfiguration or slow response
- Expanded attack surface

TOO SIMPLE

- Single point of failure for outages or security incidents
- Workloads run in a sub-optimal environment
- Slowed innovation
- Poor resilience

According to Gartner, dependence on a particular cloud provider for multiple business capabilities is in the top five emerging risks for organizations.[4]

Support hybrid and multi-cloud while managing complexity

Get the flexibility you need to innovate while streamlining operations for greater efficiency and performance. Presidio helps you get cloud right by serving as a bridge between traditional IT and the cloud-native world. As an F5 partner, Presidio uses F5® Distributed Cloud Services to protect and connect applications everywhere, to help you reduce complexity without stifling innovation.

Presidio and F5 help you get un-stuck in your digital transformation so you can modernize application security and networking from core to cloud to edge.

PROTECT APPS

DRIVE AVAILABILITY AND PERFORMANCE

CLOUD COST OPTIMIZATION

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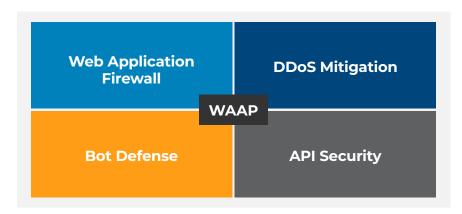
Protect Applications Everywhere

Web apps are the top point of compromise in data breaches and security incidents.[5] Keeping them safe requires a multi-layered defense against the growing number of threats, including:
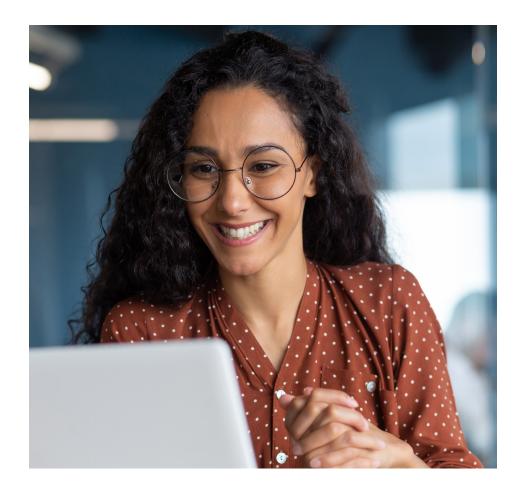
- OWASP Top 10 threats
- Malicious bots
- Vulnerability exploits
- API attacks

In a hybrid or multi-cloud environment, lack of visibility is a serious security issue. This is especially problematic for APIs, as unmanaged "shadow" or "zombie" APIs often operate in the environment unbeknownst to security teams. Gartner estimates that by 2025, more than half of enterprise APIs will be unmanaged.[6]

Accurate detection is another challenge. Automated attacks rapidly retool to bypass defenses, resulting in millions of dollars in damages due to malicious bots.

Getting cloud right means starting your transformation journey with security. Presidio keeps security at the heart of decisions such as workload placement to ensure every app is secure. By working with F5® Distributed Cloud Web App and API Protection (WAAP), Presidio can provide SaaS-based protection for cloud and on-premises deployments.

Web Application Firewall	DDoS Mitigation
WAAP	
Bot Defense	API Security

Protect Applications Everywhere

Reduce complexity with unified application protection

Improve your security posture with Presidio and F5

- Increase operational efficiency by reducing the time spent to manage security tools

- Accelerate time to market for secure apps and APIs with CI/CD pipeline integration

- Remediate threats faster with real-time intelligence and continuous updates

- Gain visibility and insights via a centralized console and reporting

- Scale security in the cloud or on premises without the need for additional appliances

F5® Distributed Cloud Web Application Firewall
Protect web-based applications through full proxy inspection of application requests and responses to mitigate a broad spectrum of threats, including the OWASP Top 10 and zero-day exploits. Analyze behavior with AI and machine learning to accurately prioritize threats.

F5® Distributed Cloud DDoS Mitigation
Shield your critical infrastructure from L3-L4 volumetric and increasingly common L7 or multi-layer denial-of-service attacks that attempt to overload services or disrupt performance.

F5® Distributed Cloud Bot Defense
Block malicious bots intelligently for accurate identification, even with rapid attacker retooling, and a low false positive rate to reduce friction for legitimate users. Prevent reverse engineering with code obfuscation.

F5® Distributed Cloud API Security
Discover unknown APIs in your environment, control connections, and monitor for anomalous behavior to secure integrations between apps. Defend these exposed interfaces from cyberattacks that could harm your business.

Drive Application Availability and Performance

Keep apps fast and available with Presidio and F5

- Protect your business operations with improved application uptime and availability

- Recover faster from site or application-level disasters, disruptions, or cyberattacks

- Reduce complexity with a single solution that works across data centers, clouds, and edge

Many businesses today can't run without apps—whether for customer transactions or employee work. Downtime can cost thousands of dollars and potentially violate service-level agreements with your customers. Poor app performance also hurts business. Multiple studies have found users will abandon slow webpages or applications, which can lose sales or even entire customers. Internal users experience lower productivity and frustration with slowdowns, as well.

Presidio and F5 help your applications be more resilient through a combination of infrastructure, security, and networking services that work together to maintain performance.

F5® Distributed Cloud DNS Load Balancer
Ensure fast performance with application and geo-location load balancing. Fully configurable DNS keeps apps available while traffic is also directed to the nearest and best instance. Maintain high availability with automatic detection of site failures and dynamic failover to available instances. Geo-location load balancing also helps you maintain compliance with GDPR.

F5® Distributed Cloud DDoS Mitigation
Avoid outages, slowdowns, and excess costs created by malicious bot traffic that hogs resources. By accurately identifying and blocking undesired traffic, your apps remain available and fast for legitimate users.

F5® Distributed Cloud WAAP
Layer application and API protection with application delivery for increased performance. Security enhances the availability and integrity of your apps to keep business moving.

Cloud Cost Optimization

Reduce cloud costs and complexity with Presidio and F5

- Eliminate excess costs without distraction

- Reduce complexity with fewer tools and vendors for security and networking

- Simplify processes to create, deploy, and enforce policies no matter where your applications run

- Improve visibility and control to reduce risk and close security gaps

- Streamline procurement and budgeting with cloud marketplaces

Many organizations found cloud costs to be more than they expected, leading to the establishment of FinOps practices to control costs. In fact, managing cloud spend is the top cloud challenge for both enterprise and SMB organizations.[7] Take control of your cloud spend as part of getting cloud right.

28%

Nearly a third (28%) of cloud spend is estimated to be wasted.[8]

Presidio offers FinOps and cloud cost optimization services to help you take advantage of everything cloud has to offer without overpaying. Presidio Proactive Recapture into Savings Management (PRISM) has over $1.5 Billion dollars in cloud spend under management from hundreds of clients.

By partnering with F5, Presidio also lets you adopt a platform approach to security that can reduce both cost and complexity. With a SaaS-based platform, F5 Distributed Cloud Services combine security, networking, and application management into a single policy engine and management console. Instead of using different toolsets for every environment, you can unify cloud, data center, and edge with F5 to connect, protect, and run apps anywhere.

Presidio can also help assess and deploy supported F5 Distributed Cloud Services integrations to enhance Amazon Web Services (AWS), Google Cloud, and Microsoft Azure cloud-native security and network services.

Get Cloud Right with Presidio and F5

With the right solutions and guidance, Presidio and F5 can help you accelerate your digital transformation journey. Get secure solutions to market faster with modern application and network security from a single SaaS-based platform that spans multiple environments. Reduce complexity to overcome skills shortages without sacrificing innovation, and grow your business with fast and available apps that delight customers.

AN F5 PARTNER SINCE 2005

Presidio is an F5 Unity+ Platinum partner

Over 600 joint Presidio and F5 customers

Global footprint spanning 100+ countries

75+ F5-certified Presidio security professionals with 250+ accreditations

Presidio and F5 deliver real-world solutions for today's complicated, evolving ecosystems. Through our partnership, the world's largest businesses, service providers, government entities, and consumer brands rely on F5 to deliver and secure their applications and services while ensuring people stay connected.

About Presidio

Presidio is a Global Digital Services and Solutions Provider that empowers customers to achieve better outcomes. With over 40 years of industry experience, our world-class solutions are trusted to digitalize, modernize, and secure how business is done. From strategy and consulting to implementation and deployment, our tailor-made services enhance operations, improve efficiencies, and help you stay competitive in the digital age.

SOURCES:

1) FluralSight, State of Cloud 2023, June 2023

2) Gartner, Craft a Cloud Strategy to Optimize Value, September 2023

3) F5, 2023 State of Application Strategy Report

4) Gartner Says Cloud Concentration Now a Significant Emerging Risk for Many Organizations, October 2023

5) Verizon, 2023 Data Breach Investigations Report, June 2023

6) Gartner, Predicts 2022: APIs Demand Improved Security and Management

7) Flexera, 2023 State of the Cloud Report

8) ibid

Learn More

Ready to simplify and secure your cloud transformation?
Visit presidio.com for more information.

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