F5 Federal Symposium 2024

Kara Sprague

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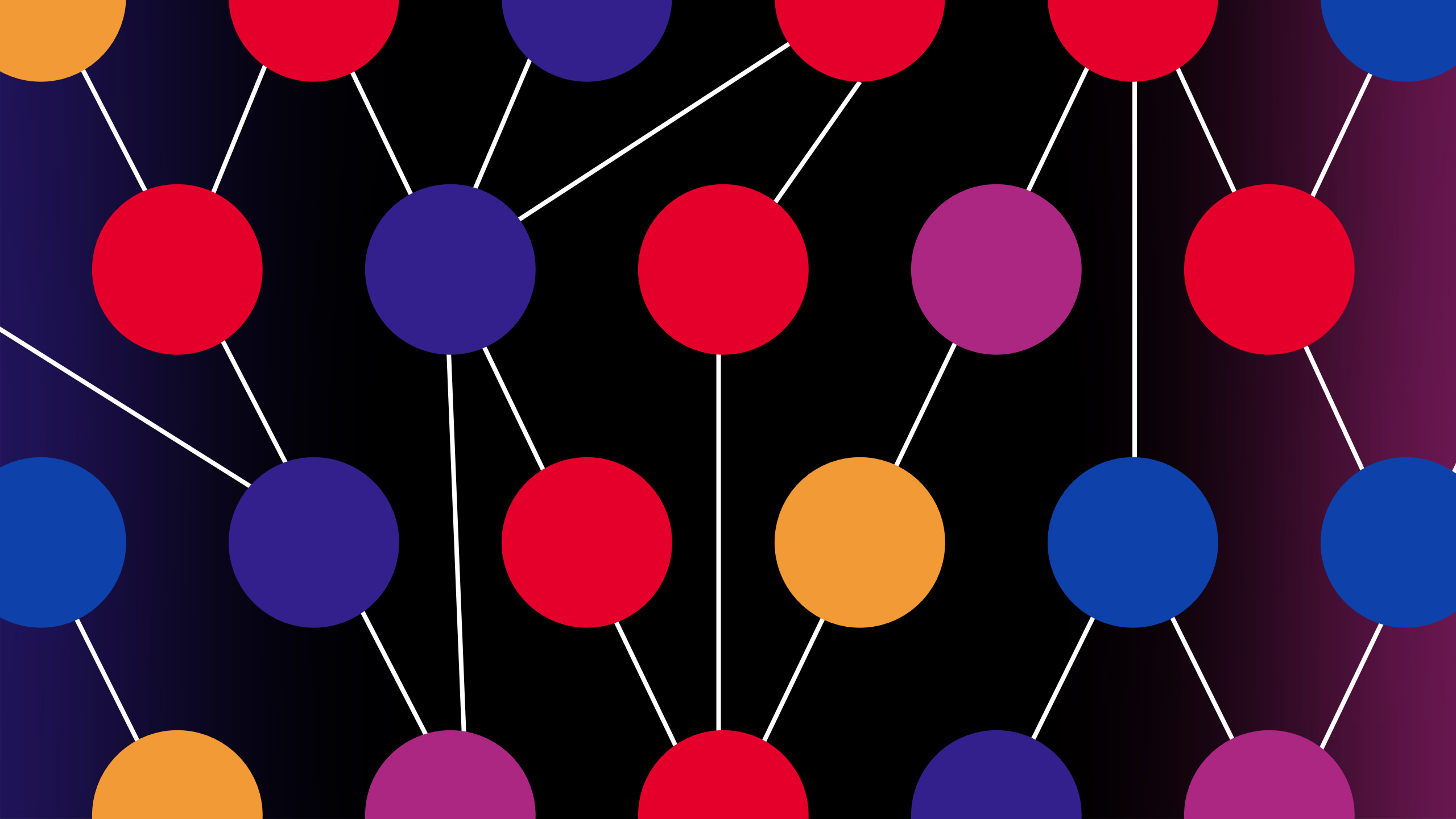
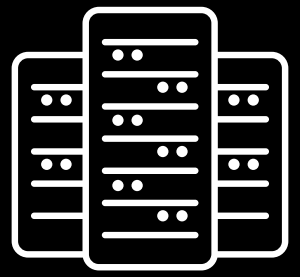
Executive Vice President and Chief Product Officer, F5

DECEMBER 9, 2021

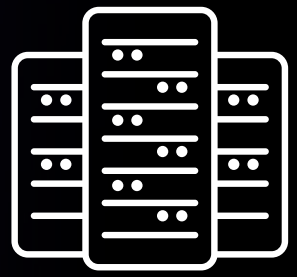
We can’t predict the next crisis…

But we can be prepared.



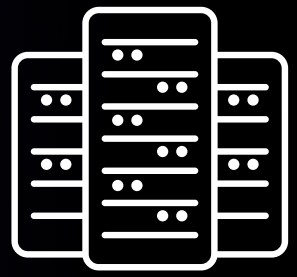


On-premises



On-premises

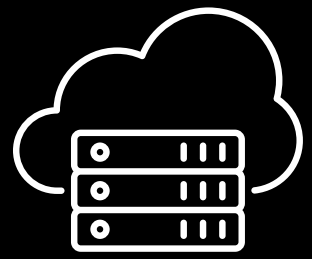
Cloud



On-premises

Cloud

On-premises



Cloud

Multicloud,
SaaS, Edge

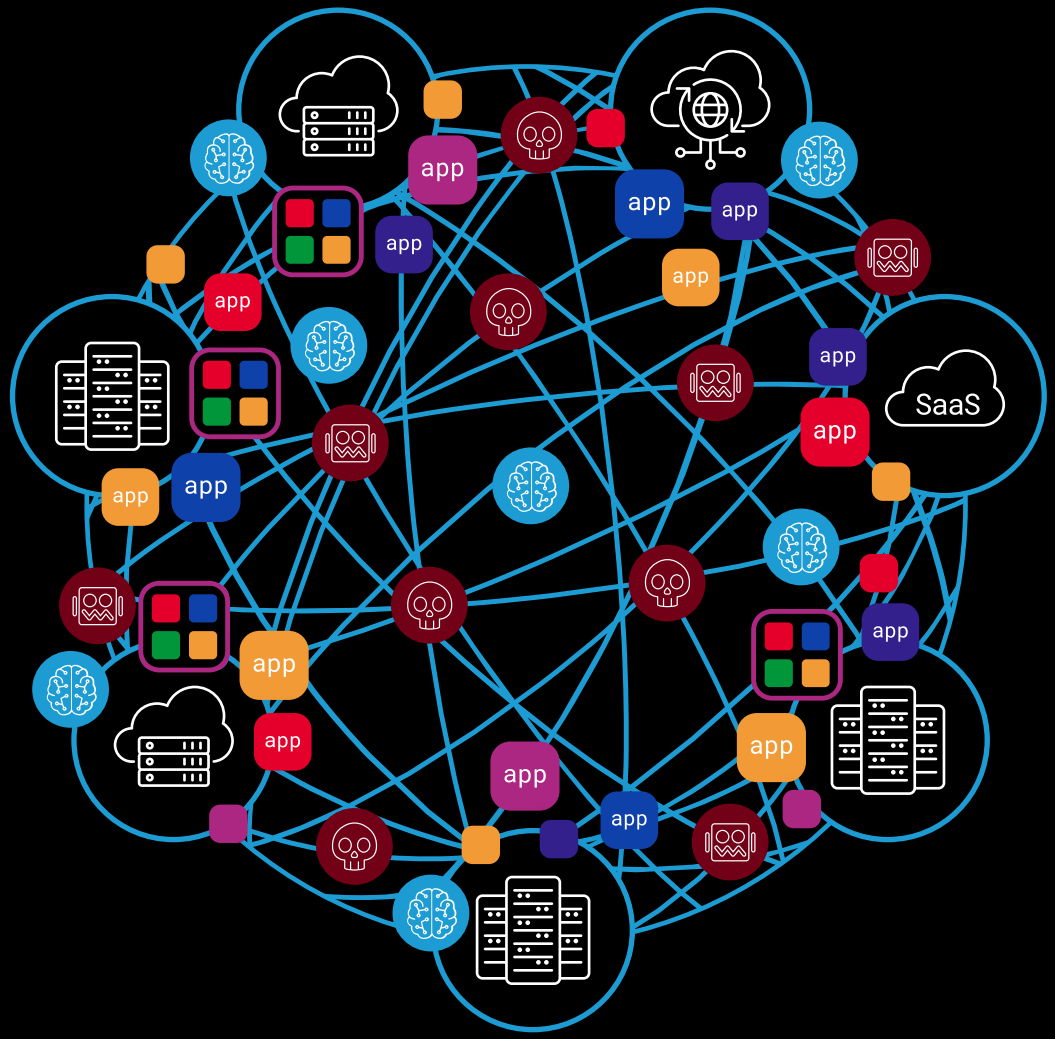
Hybrid, multicloud is the new normal.

88%

deploy their apps and APIs across hybrid environments

38%

have their applications living in six or more different environments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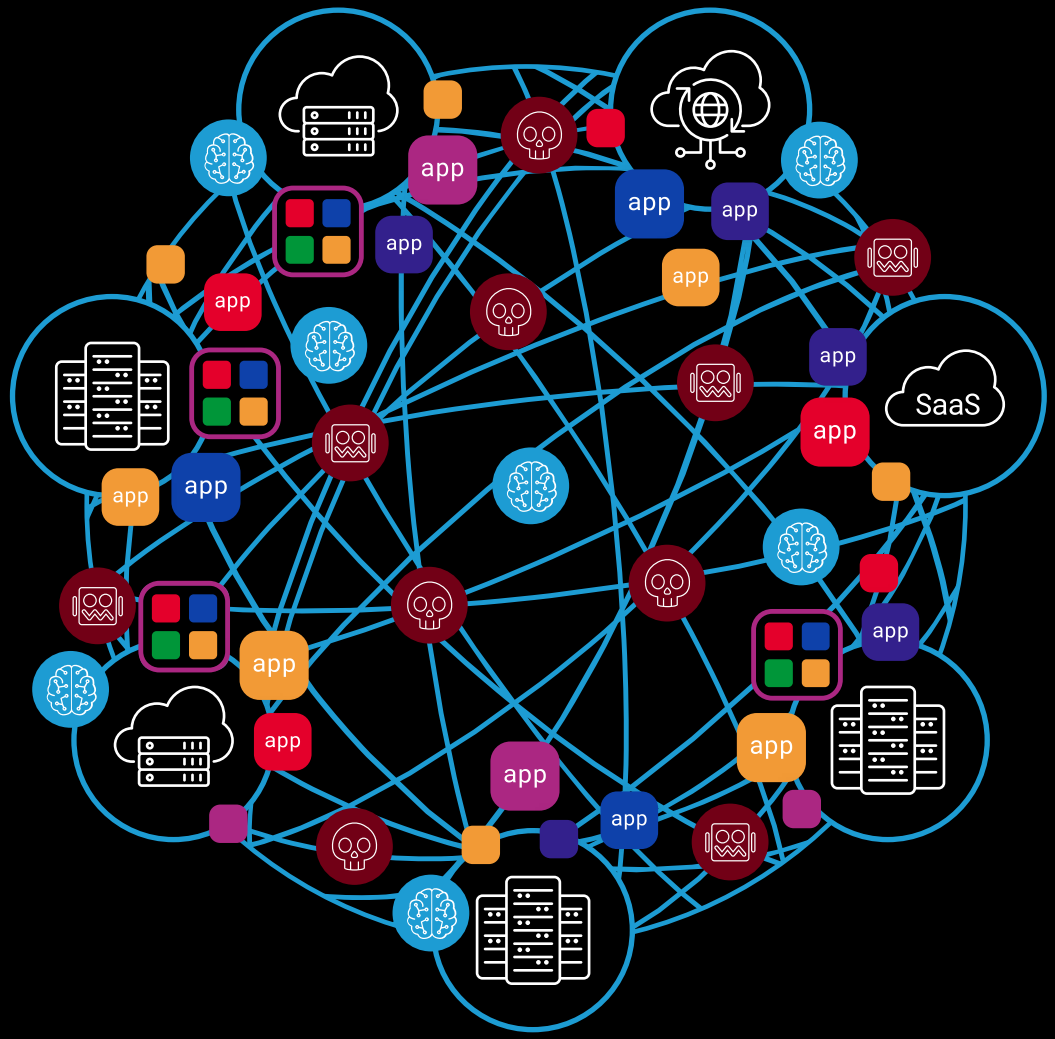
SaaS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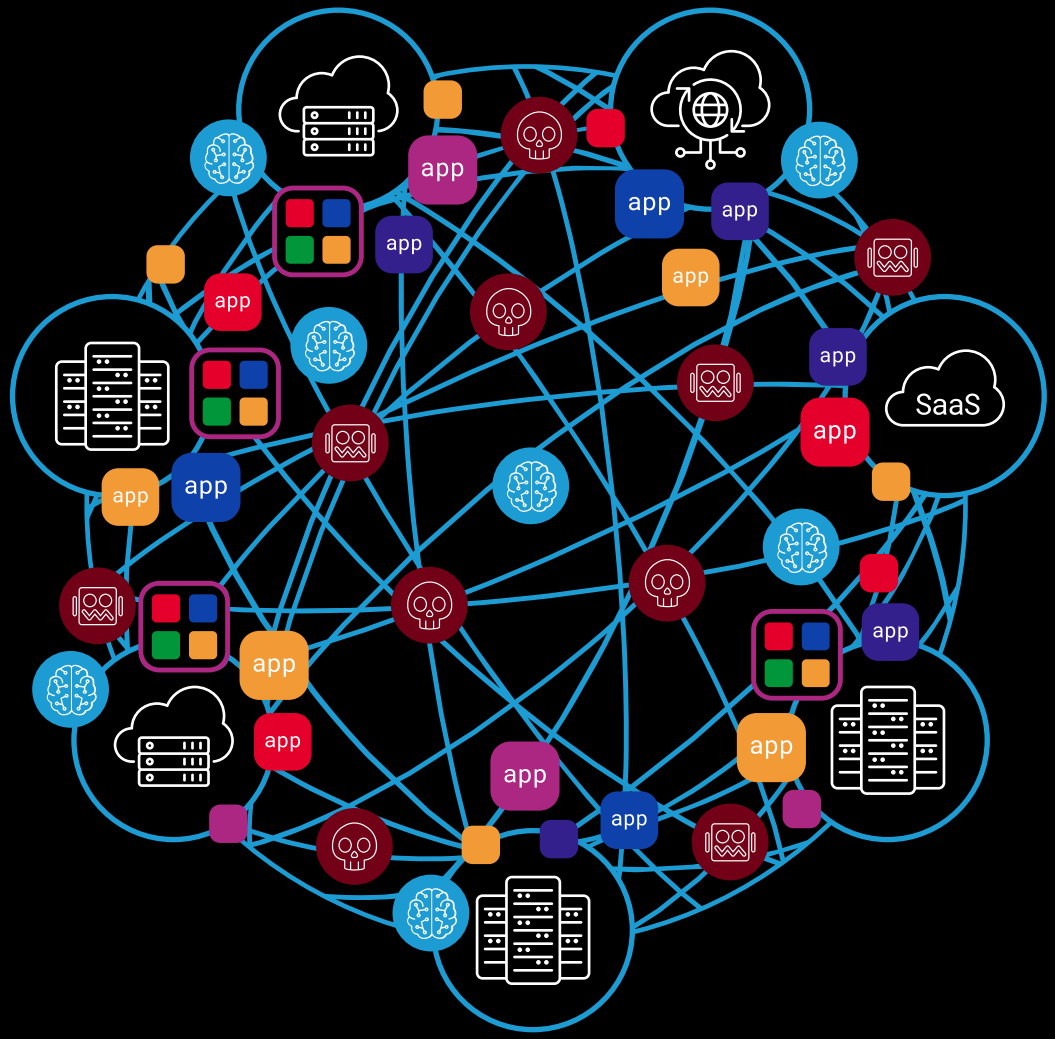
SaaS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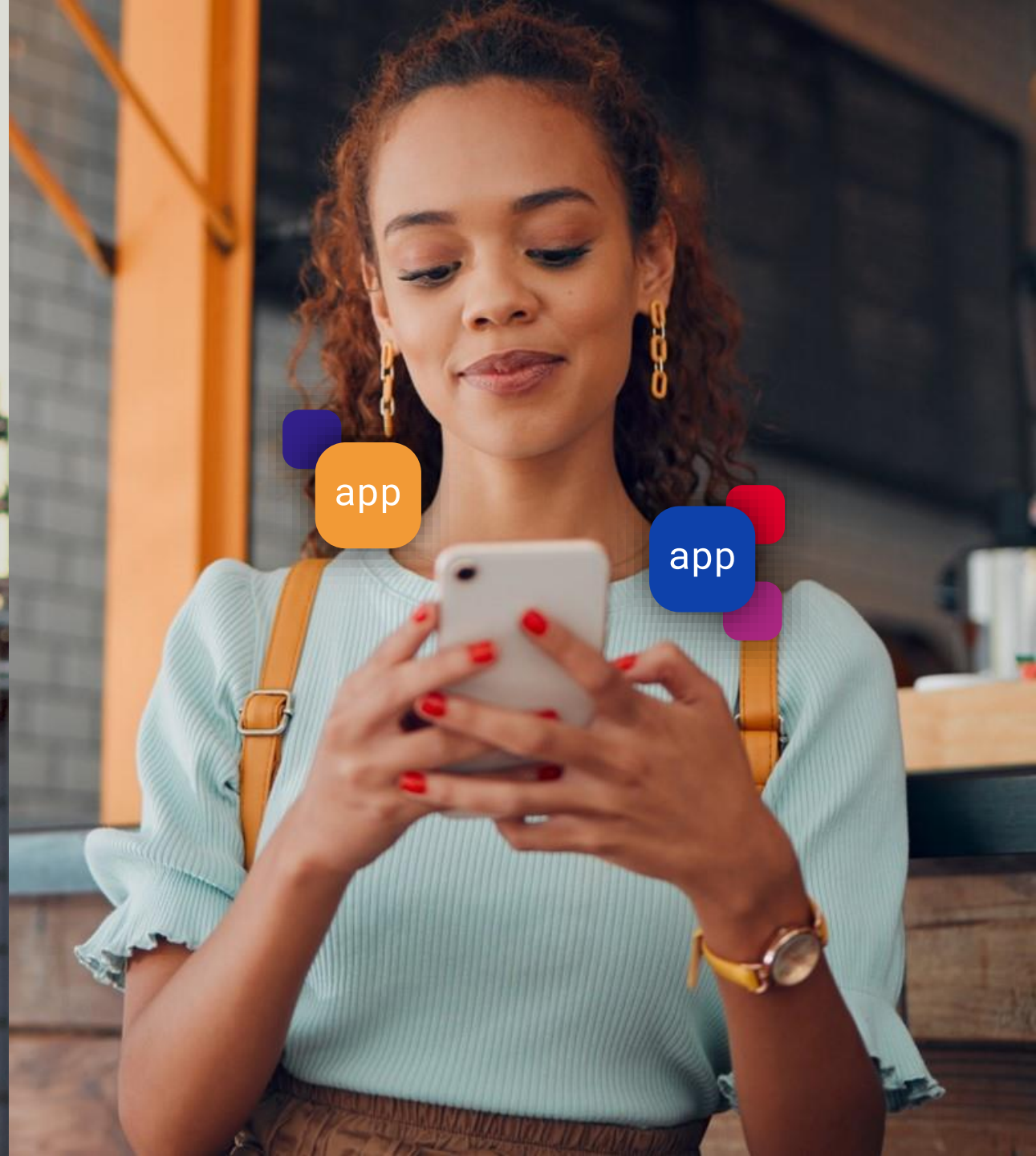
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Hybrid, multicloud is the new normal

Operational complexity

Hybrid, multicloud is the new normal

Operational complexity

High cost

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Operational complexity

High cost

Cyber-risk exposure

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Easy matters.

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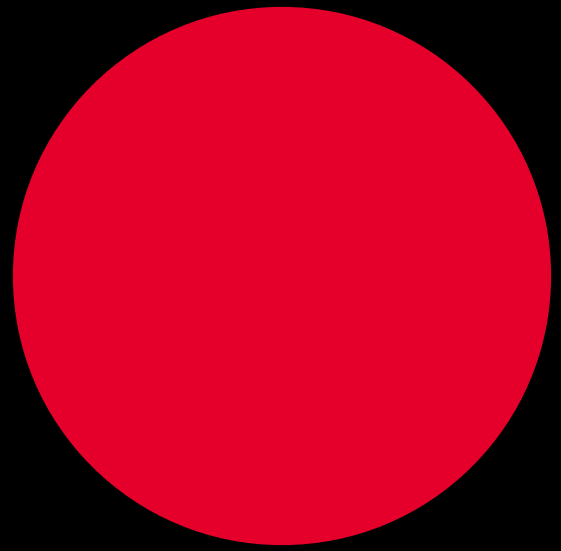

Hardware ADC player

Security and software-led multicloud platform provider

We secure
every app.

We secure
every app.

The power of and

Traditional Modern app architectures

On-premises + Public cloud + SaaS + Edge app environments

App delivery + App security + App connectivity solutions

Hardware + Software + SaaS deployment options

Perpetual + Subscription + Utility consumption models

NetOps + SecOps + DevOps + Developer users

We secure
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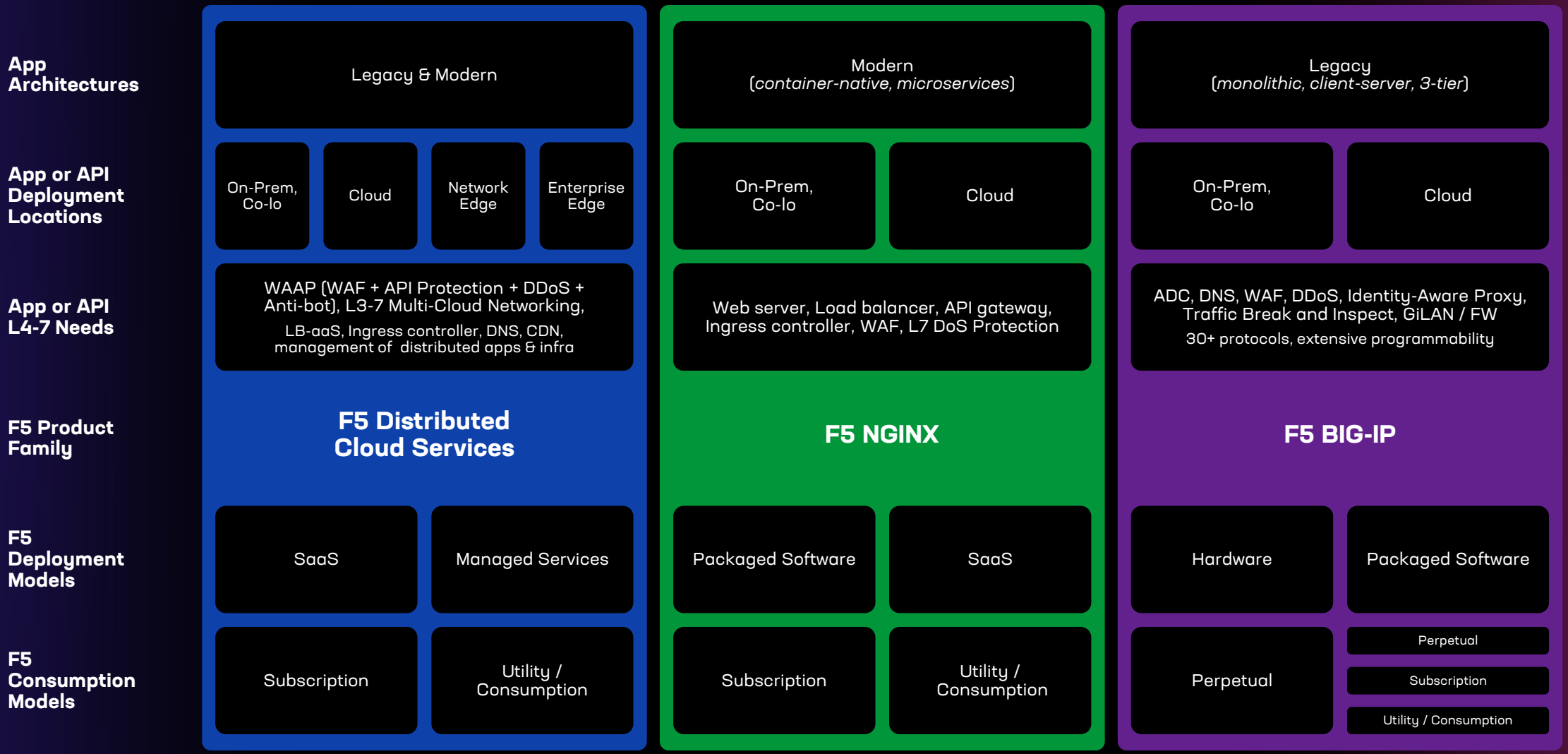
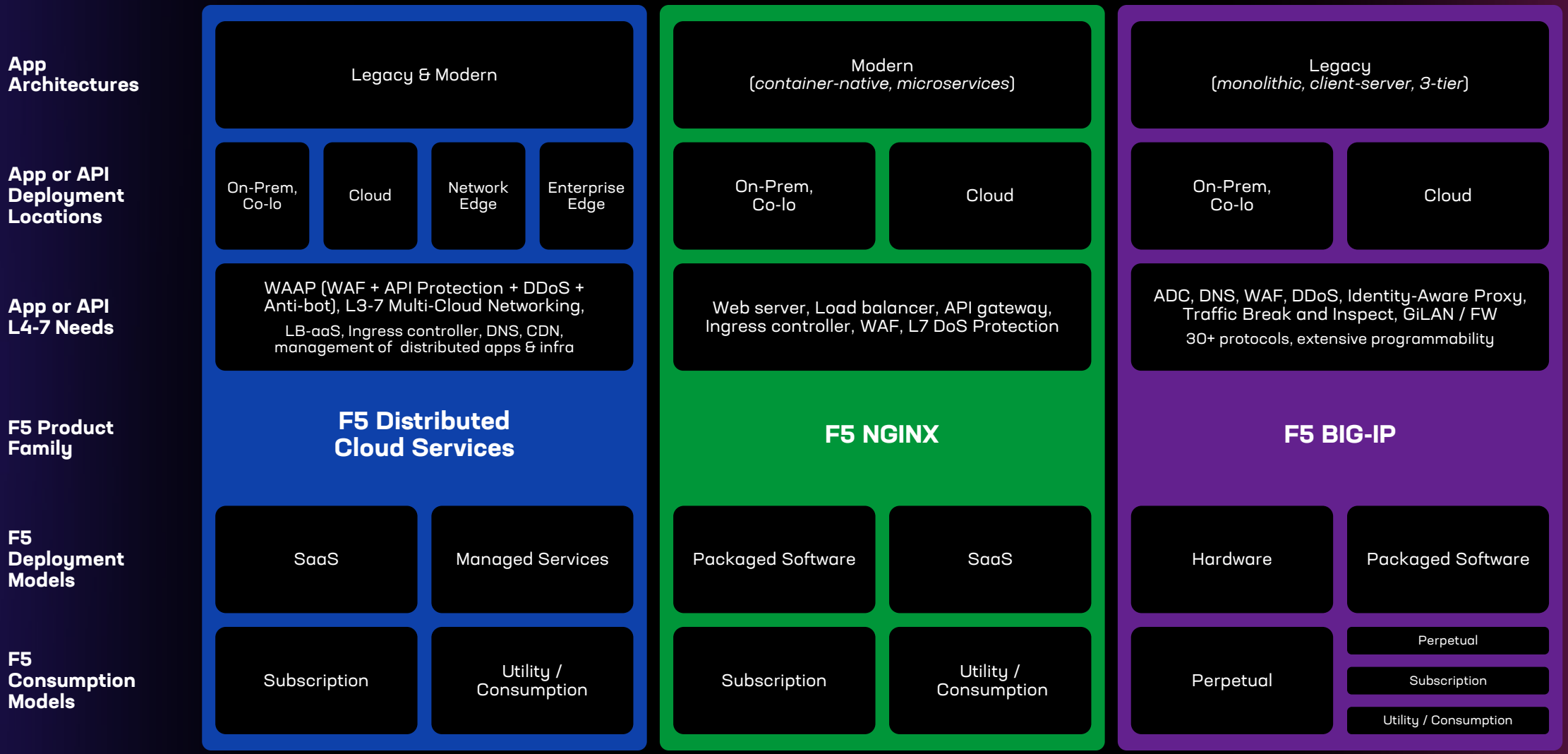
every app.

Hybrid, multicloud made easy.


App Architectures
App or API Deployment Locations
App or API L4-7 Needs
F5 Product Family
F5 Deployment Models
F5 Consumption Models
Legacy & Modern
On-Prem, Co-lo
Cloud
Network Edge
Enterprise Edge
WAAP (WAF + API Protection + DDoS + Anti-bot), L3-7 Multi-Cloud Networking,
LB-aaS, Ingress controller, DNS, CDN, management of distributed apps & infra
F5 Distributed Cloud Services
SaaS
Managed Services
Subscription
Utility / Consumption
Modern (container-native, microservices)
On-Prem, Co-lo
Cloud
Web server, Load balancer, API gateway, Ingress controller, WAF, L7 DoS Protection
F5 NGINX
Packaged Software
SaaS
Subscription
Utility / Consumption
Legacy (monolithic, client-server, 3-tier)
On-Prem, Co-lo
Cloud
ADC, DNS, WAF, DDoS, Identity-Aware Proxy, Traffic Break and Inspect, GiLAN / FW
30+ protocols, extensive programmability
F5 BIG-IP
Hardware
Packaged Software
Perpetual
Perpetual
Subscription
Utility / Consumption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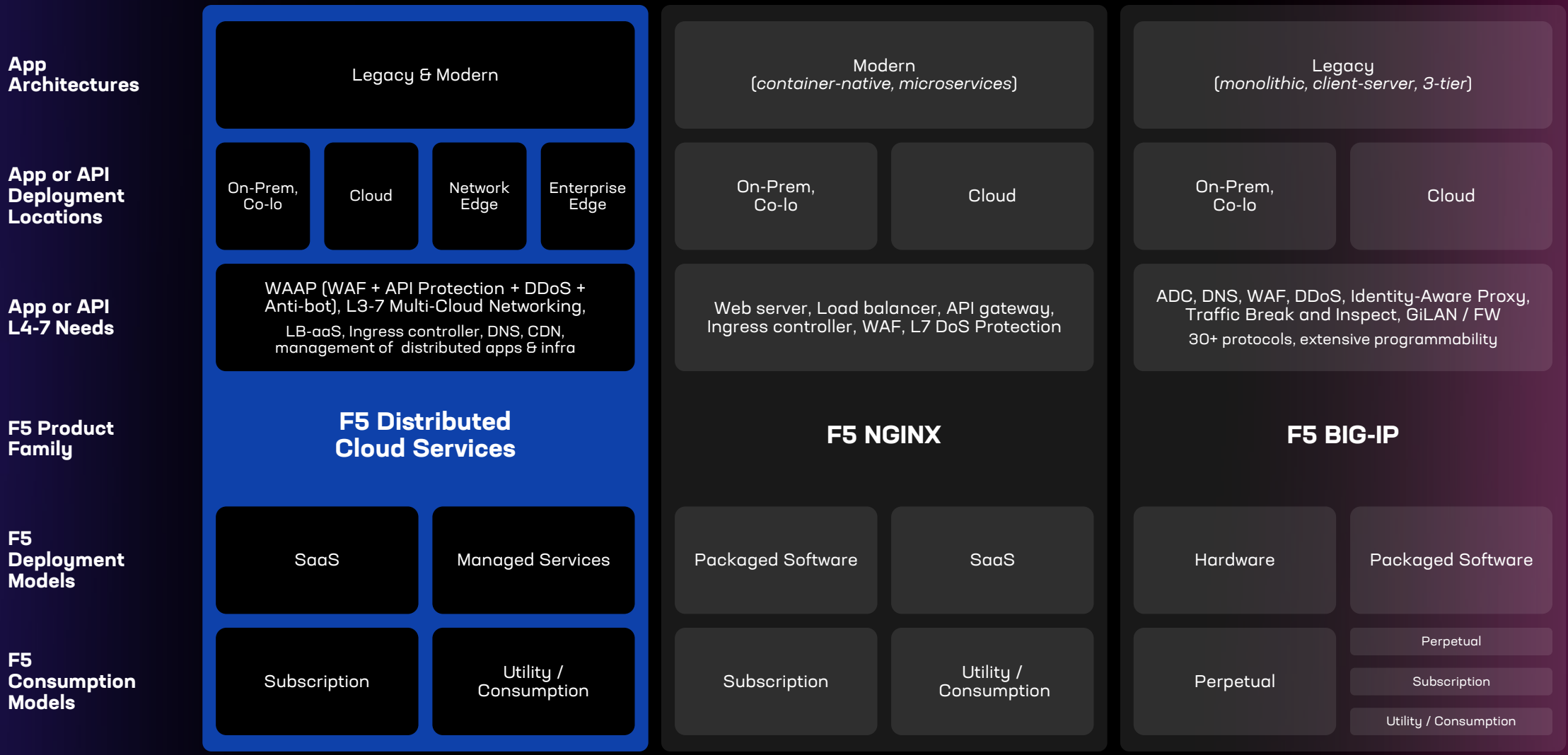
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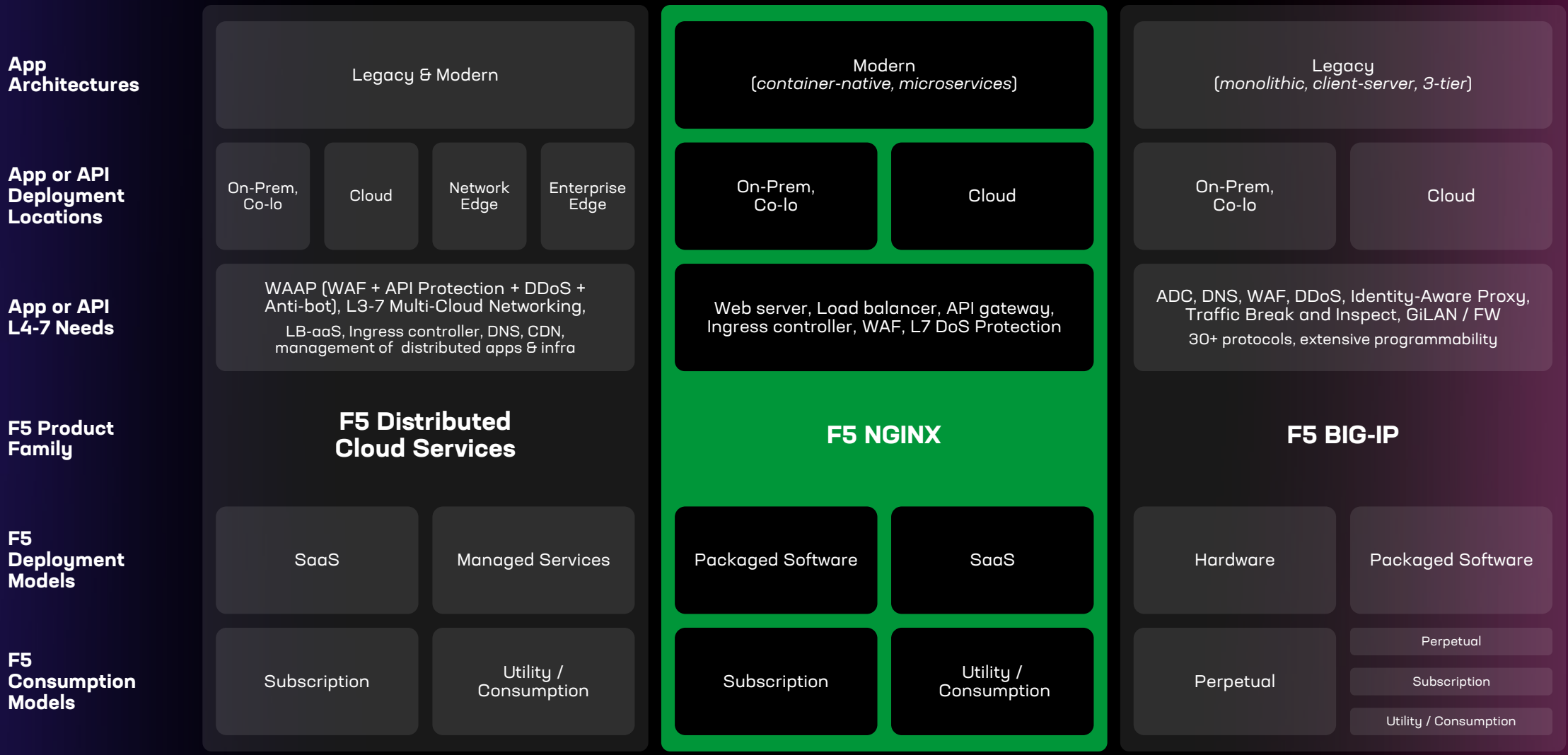
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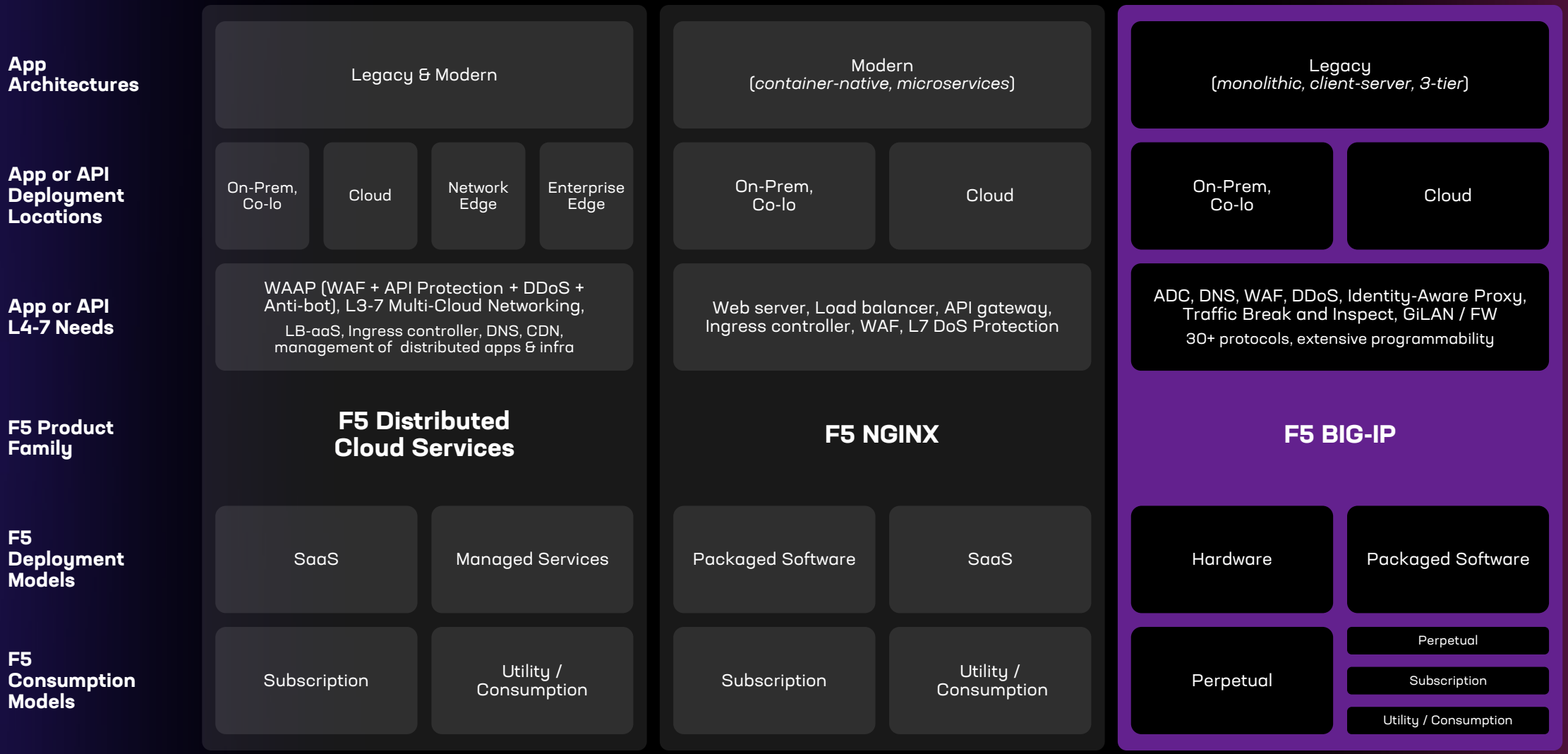
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We secure
every app.

Distributed Cloud + NGINX + BIG-IP

We have you covered.

We have you covered.

We have
you covered.

We meet you
where you are.

We have
you covered.

We meet you
where you are.

We have
you covered.

We meet you
where you are.

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We meet you
where you are.

Distributed Cloud | NGINX | BIG-IP

Distributed Cloud | NGINX | BIG-IP

Distributed Cloud | NGINX | BIG-IP

Distributed Cloud Console

- Centralized visibility
- Actionable analytics
- Early-warning alerts

Distributed Cloud Platform

AI-powered assistant

Common data fabric

Distributed Cloud API Security

- API code scanning and testing
- API code analysis
- API discovery and traffic analysis
- Runtime protection and enforcement

Distributed Cloud API Security

- API code scanning and testing
- API code analysis
- API discovery and traffic analysis
- Runtime protection and enforcement

The Scottish Government

The Scottish Government

The Scottish Government

Reducing complexity without reducing control.

FULL ACCESS

FULL ACCESS

Fast and easy performance and security at scale.

Fast and easy performance and security at scale.

Ridiculously easy patching and upgrading.

BIG-IP Next

Fully integrated tooling for migrations

Fully automated upgrades

Rich iRules experience

Out-of-the- box observability

Flexibility

BIG-IP Next

Zero-trust internal architecture

Configuration defaults

Templated deployments

BIG-IP Next

Zero-trust internal architecture

Configuration defaults

Templated deployments

F5 remains committed to Federal Certifications

- FIPS 140-2 level 2
  - iSeries: Full Box FIPS and an onboard HSM option on BIG-IP v15.1
- FIPS 140-3 level 2
  - iSeries: Full Box FIPS and an onboard HSM option on BIG-IP v16.1 and v17.1 submitted. Awaiting NIST CMVP Certification Fall ‘24
  - rSeries: Full Box IPS and an onboard HSM option on BIG-IP v17.1 submitted. Awaiting NIST CMVP Certification late Fall ‘24
  - Velos: BIG-IP v17.1 submitted. Awaiting NIST CMVP Certification. Awaiting NIST CMVP late Fall ‘24
  - BIG-IP Next: Expected NIST CMVP Submission October ‘24
- Common Criteria (Network Device PP)
  - iSeries: BIG-IP v15.1 (done), v16.1 (done), v17.1 (expected Summer ‘24)
  - rSeries: BIG-IP v17.1 submitted (expected certification Summer ‘24)
  - Velos: BIG-IP v17.1 submitted (expected certification Summer ‘24)
  - BIG-IP Next: expected submission October ‘24
  - STIP protection profile: BIG-IP v16.1 and v17.1 (in process)
- CSFC
  - BIG-IP v15.1 completed for Traffic Filtering Firewall, TLS Protected Server
  - BIG-IP v16.1 and v17.1 planned
- DoDIN APL
  - BIG-IP v15.1 (done), v16.1 and v17.1 planned
- FEDRAMP
  - Moderate/IL2. Nov ‘24 Fed Ramp Ready (expected). May ‘25 Approval (est.)
  - IL5 / High. Feb ‘25 Fed Ramp Ready (expected). Aug ‘25 Approval (est.)
- Additional detail on F5 public website: https://www.f5.com/company/certifications#f5_fips_cryptographic_modules

Invest in yourself.

Invest in yourself.

F5.com/learn

You are a force

for a better digital world.