Prophaze
The New Phase of Security

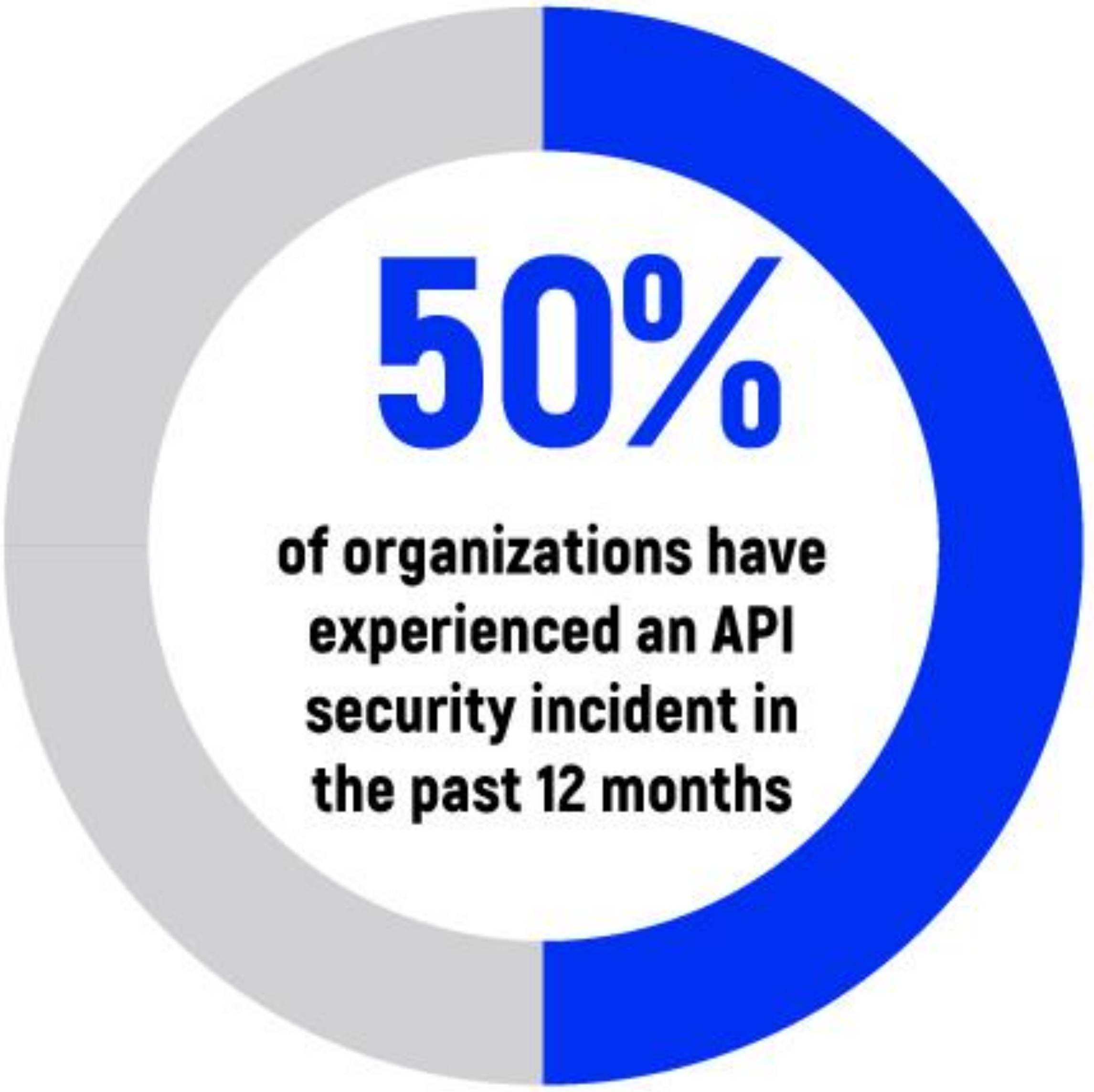
Prophaze WAF 3.0

Distributed Proactive Web Security Platform

Making Security **Safer. Simpler. Affordable.**

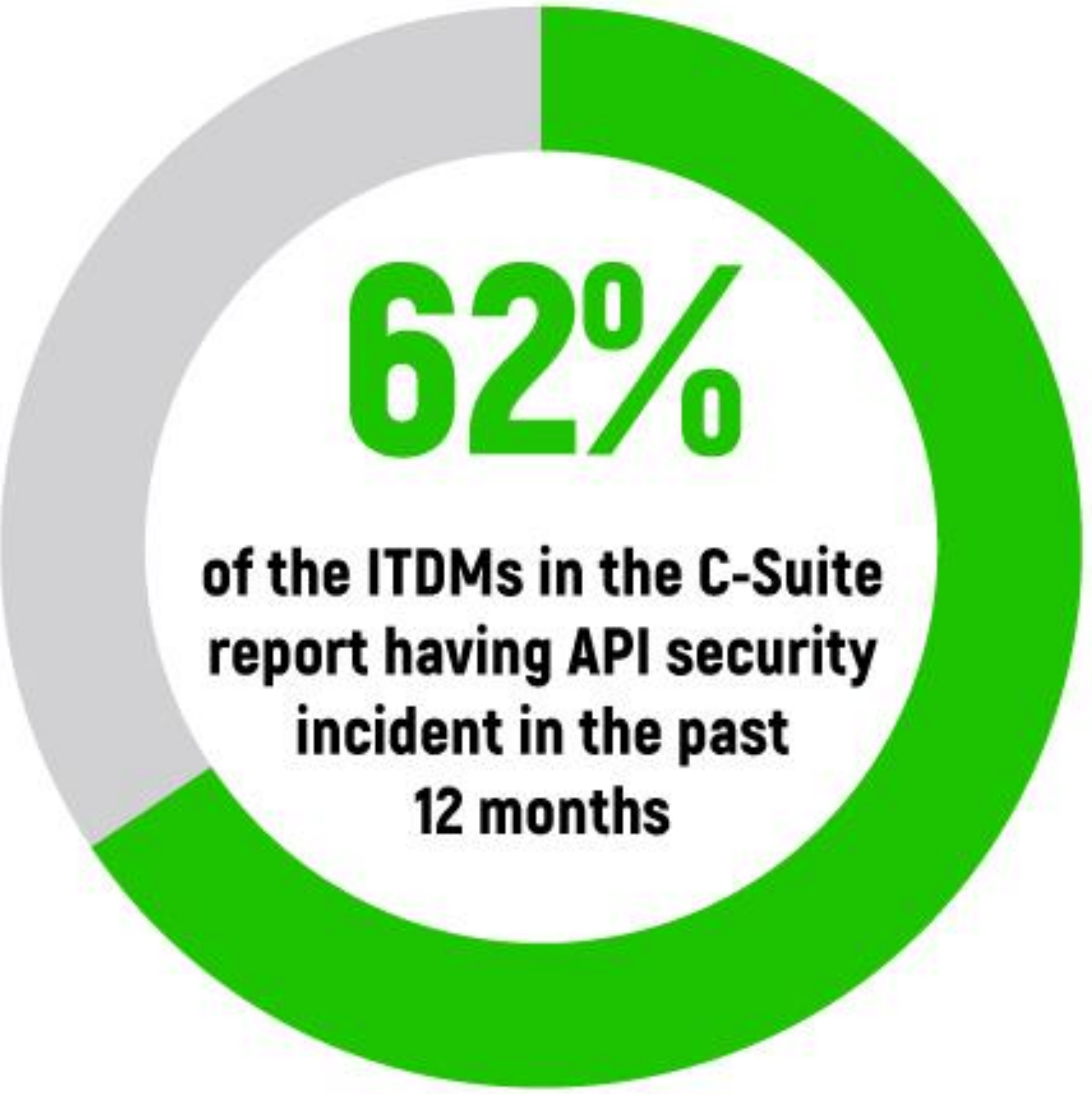
Google Cloud API Security Report

API Security Incidents



50%

of organizations have experienced an API security incident in the past 12 months



62%

of the ITDMs in the C-Suite report having API security incident in the past 12 months

More than three out of five C-Suite ITDMs report experiencing an API security incident in the past 12 months.

“The rate at which APIs are developed today exceeds the rate at which our organization can ensure the security of each of these APIs.”

- IT Supervisor/Manager, Computer Hardware/ Software/Services

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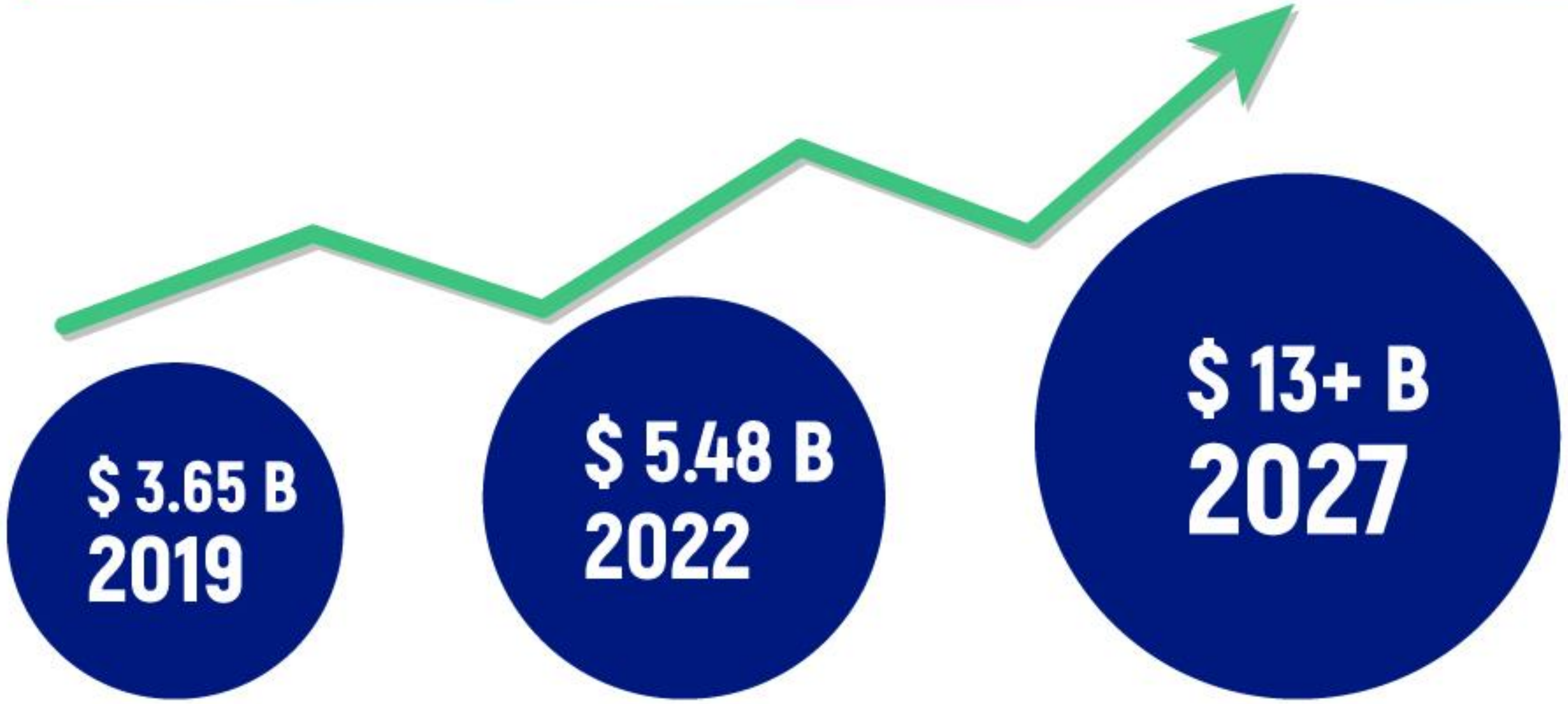
API Security Challenges

- No control over 3rd Party APIs
- DNS is hosted with Provider
- No solution currently available

Container Adoption is Booming!

By **2022**, more than **75%** of global organizations will be running containerized applications that need cloud native (containers) security solutions - Gartner, Inc.

Web Application Firewall Market | Expected CAGR of 18.65%



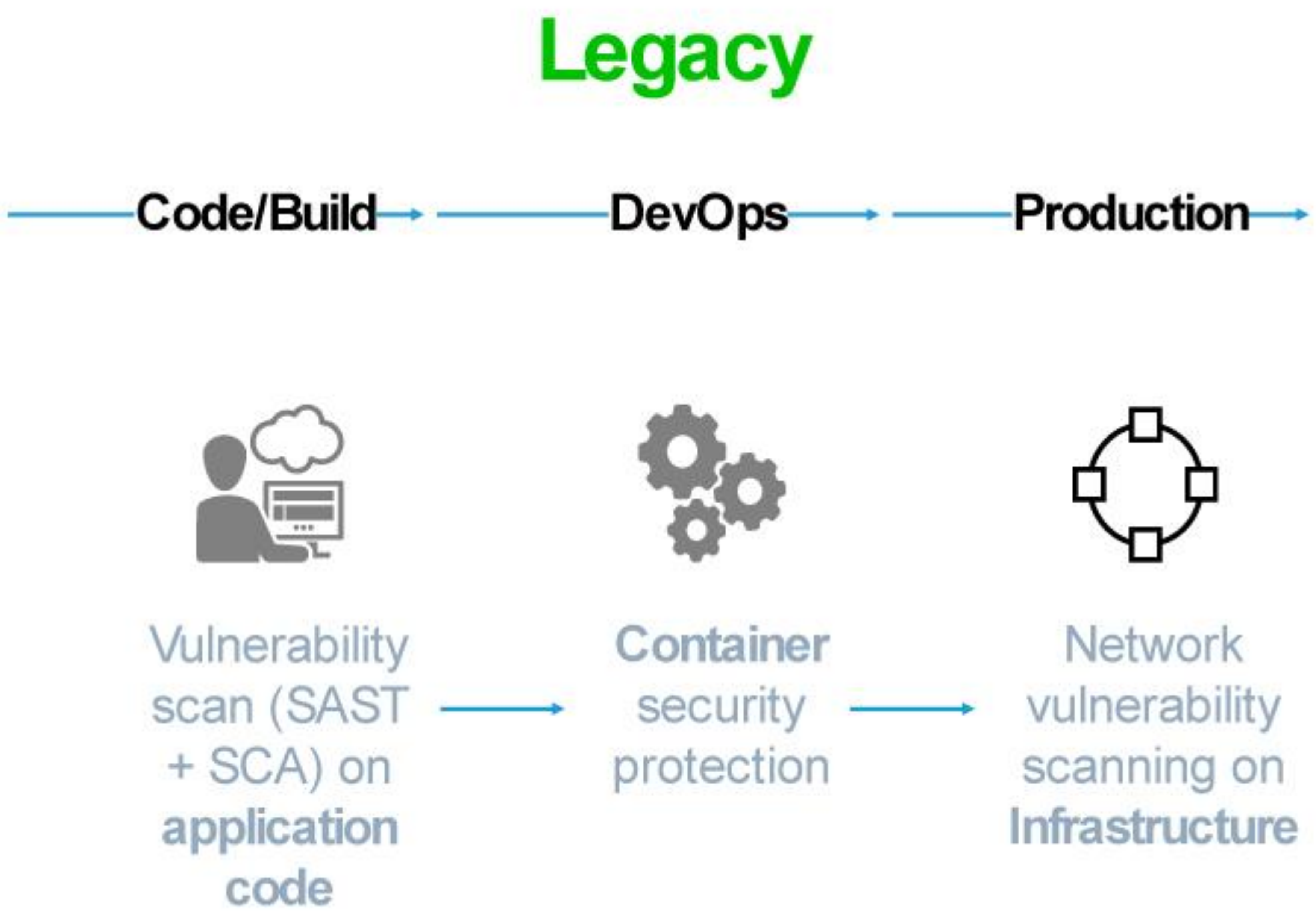
$ 3.65 B
2019

$ 5.48 B
2022

$ 13+ B
2027

Prophaze is an early entrant!

Codification of everything

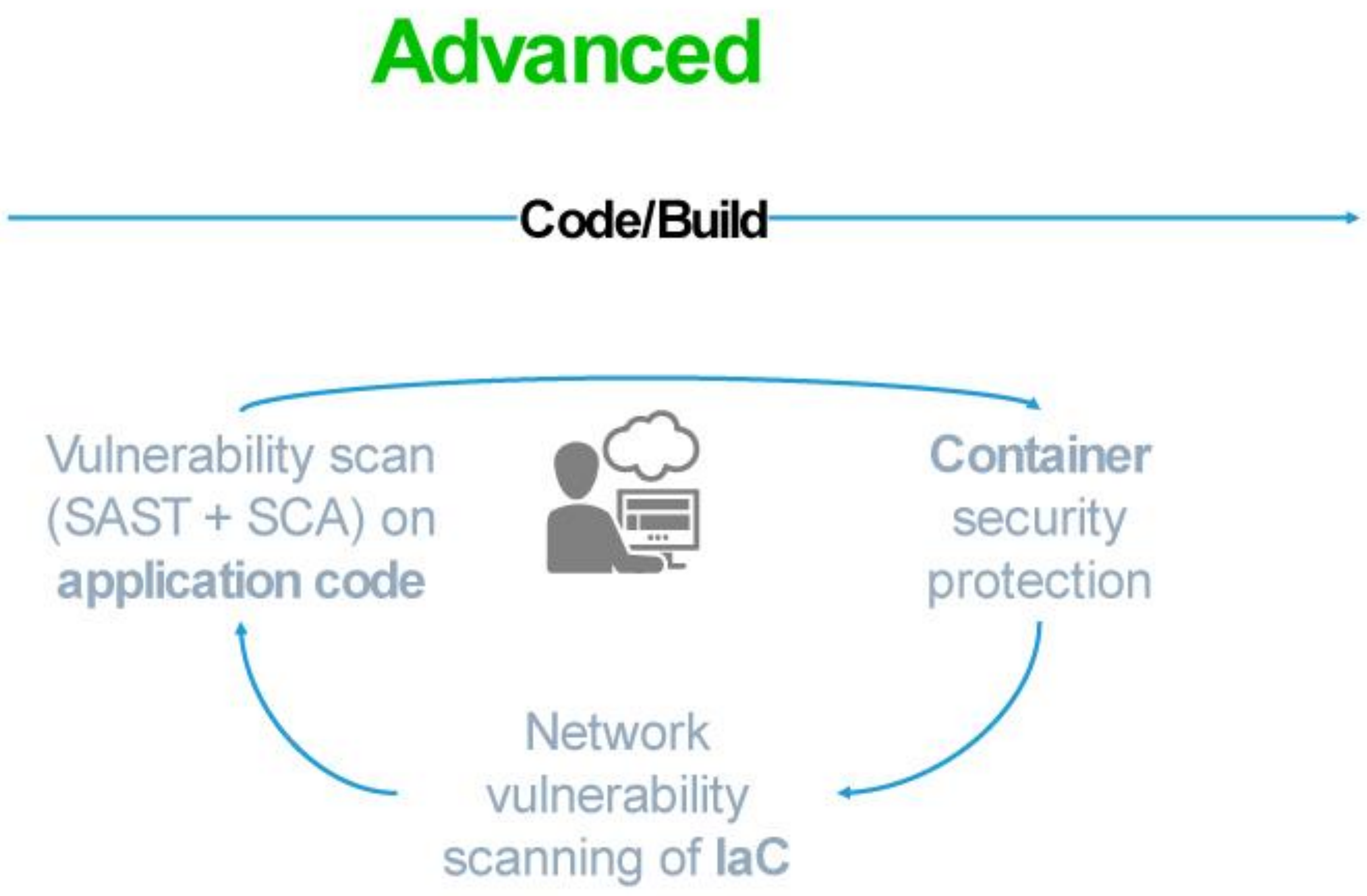


Legacy

Code/Build → DevOps → Production →

Vulnerability scan (SAST + SCA) on **application code** → **Container** security protection → Network vulnerability scanning on **Infrastructure**

Shift Left



Advanced

Code/Build →

Vulnerability scan (SAST + SCA) on **application code**

Container security protection

Network vulnerability scanning of **IaC**

Pain points:

- Multiple Products, Processes and Stakeholders
- Non-correlated results

Benefits:

- Single Product, Process and Stakeholder
- Reduces costs, enhances efficiency

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How this is Handled Currently

WAF 1.0 → WAF 2.0

Web Application Security 1.0 was WAF:

- CPE or Cloud reverse proxy
- Protecting websites against OWASP top 10

Web Application Security 2.0 was WAAPaaS:

- CPE or Cloud reverse proxy
- protecting websites and mobile apps against OWASP top 10, Bots, basic API threats

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WAF 3.0

- Microservices Based
- Advanced API Security
- Protection against Business Logic Attacks
- DevSecOps Perspective
- Advanced Bot and Layer 7 DDoS
- Support for Edge Devices (IoT)
- In 2023 40 % of the organisations will take a cloud native first strategy

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Who we are?

Next-Gen Cloud Native Application Security

Prophaze helps businesses to establish a safe cyber world with a combination of multiple products in a single solution.

WAF
AI Firewall
Bot Mitigation
DDoS Mitigation

Prophaze enable organizations and SaaS providers to improve their web application cyber security and reduce costs through AI automation.

With Prophaze, you'll receive the following benefits:

- Behavioural Based Application Security
- Layer 7 DDoS Protection
- API Security
- OWASP TOP 10 Protection
- Virtual Patching
- Free SSL Certificates
- Personalized customer experiences

World's first WAF on K8s Platform

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Our Innovation

- World's first WAF on Kubernetes
- Integrated WAF/WAAP into CI/CD Pipeline
- Protection of applications from 3rd Party API breaches
- Less than 5% of False Positives
- Application aware Profiling against Zero Day Attacks
- Edge/ Distributed Application Firewall WAF 3.0

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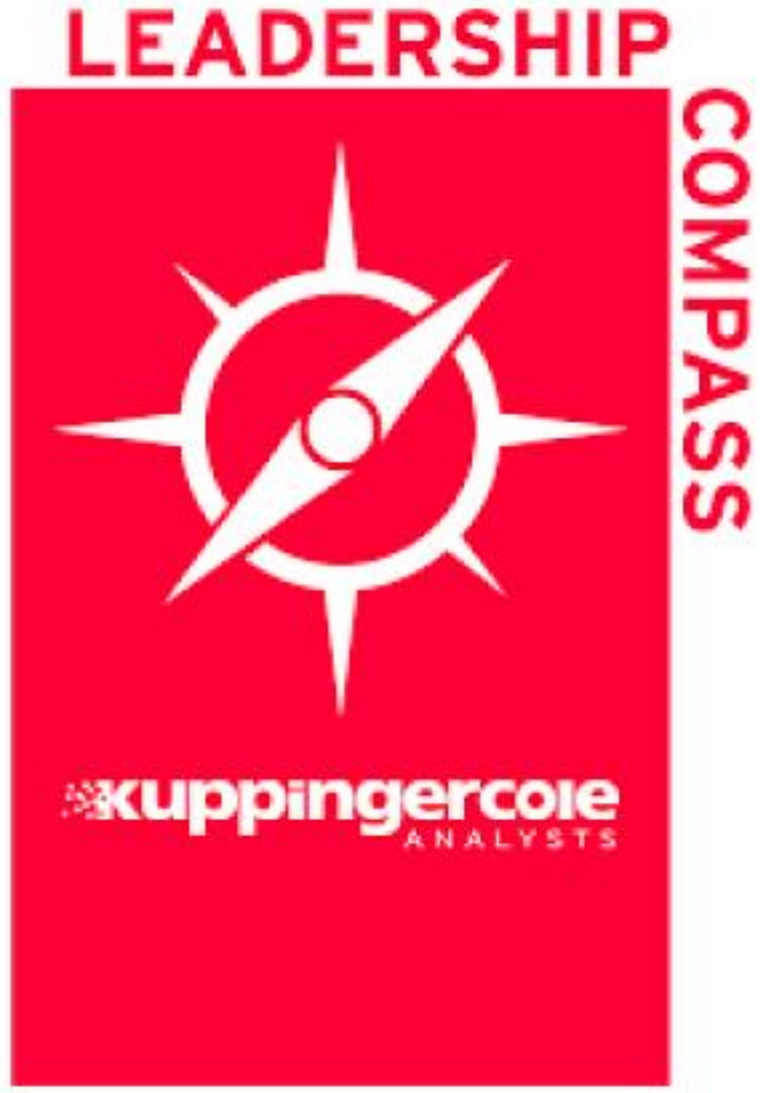
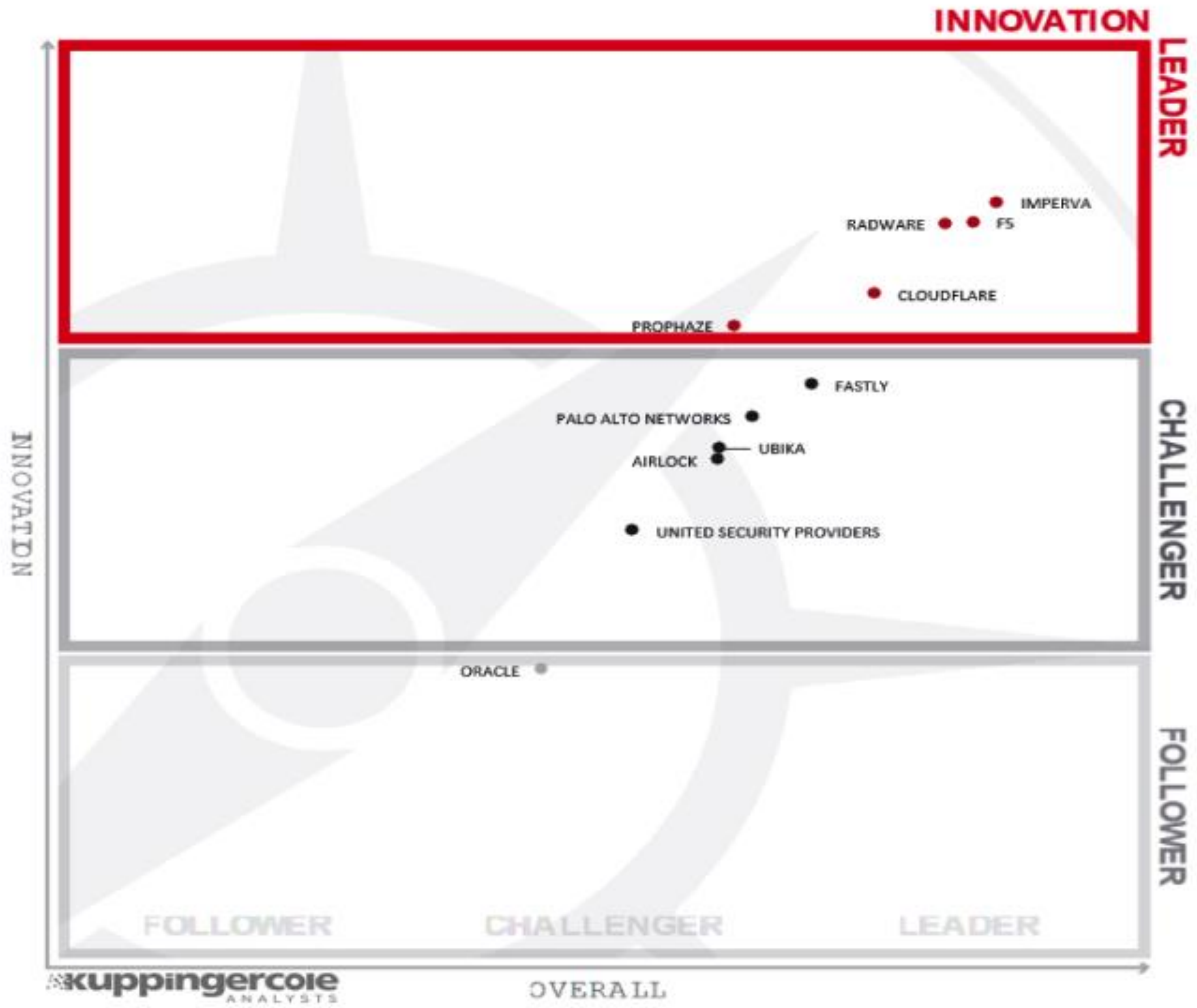
Achievement

Prophaze named as an Innovation Leader in the WAF Leadership Compass by KuppingerCole Analysts

kuppingercole
ANALYSTS





Achievement

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Data Security Council of India (DSCI)

Most Innovative Product of the Year-Winner 2022

Prophaze WAF 3.0

DSCI
PROMOTING DATA PROTECTION
A NASSCOM® Initiative

Featured Current Customers

GMR Group Prophaze is securing the group which is running four Airports including Delhi International Airport

GMR

TCI Group One of the Top 5 Logistics Group in India spread over all the states in India

TCI
LEADERS IN LOGISTICS

Renew Power RNW (NASDAQ) – Securing Power distribution in Indi**a**

ReNew
POWER

Use case for telecommunication

Cyber safe 5G telecom

5G – more evolved than its preceding generations?

The telecommunication technologies have been evolving over generations with each generation providing significant improvement in network quality and speed of access. The same is true for the upcoming 5G and 6G also. However, beginning with 5G, the core architecture is taking a major shift towards microservices and cloud nativity compared to the age-old monolithic architecture. This has been a major focus to address rising needs like better latency, scalability and performance. Microservices in itself is a collaboration of technologies like containers, Kubernetes, RESTFUL APIs, etc… with each of them having their own inherent vulnerabilities

Prophaze WAF – capability to handle cyberthreats in 5G infra

Prophaze WAF has been built with a futuristic perspective in mind to address challenges like the ones mentioned above. With its **core being architected in Kubernetes** and the **WAF itself being cloud native,** it can **effectively integrate within the 5G software infrastructure** and provide protection against cyber threats.Since the WAF relies more on the behavioural metrics of network activity, it can block sophisticated and new upcoming attacks as well. This intelligent mechanism is complimented by **DDoS (Distributed Denial of Service) mitigation service** as well. This is a major factor since DDoS attacks are the most popular attacks targeting a telecom organisation. .

Moreover, the restful APIs that replace the existing network functions also need to be monitored and Prophaze WAF has the capability to monitor each and every endpoint and prevent it from external harm.

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Thank You !

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