Cloud Security

Cloud – dobrý sluha nebo zlý pán?

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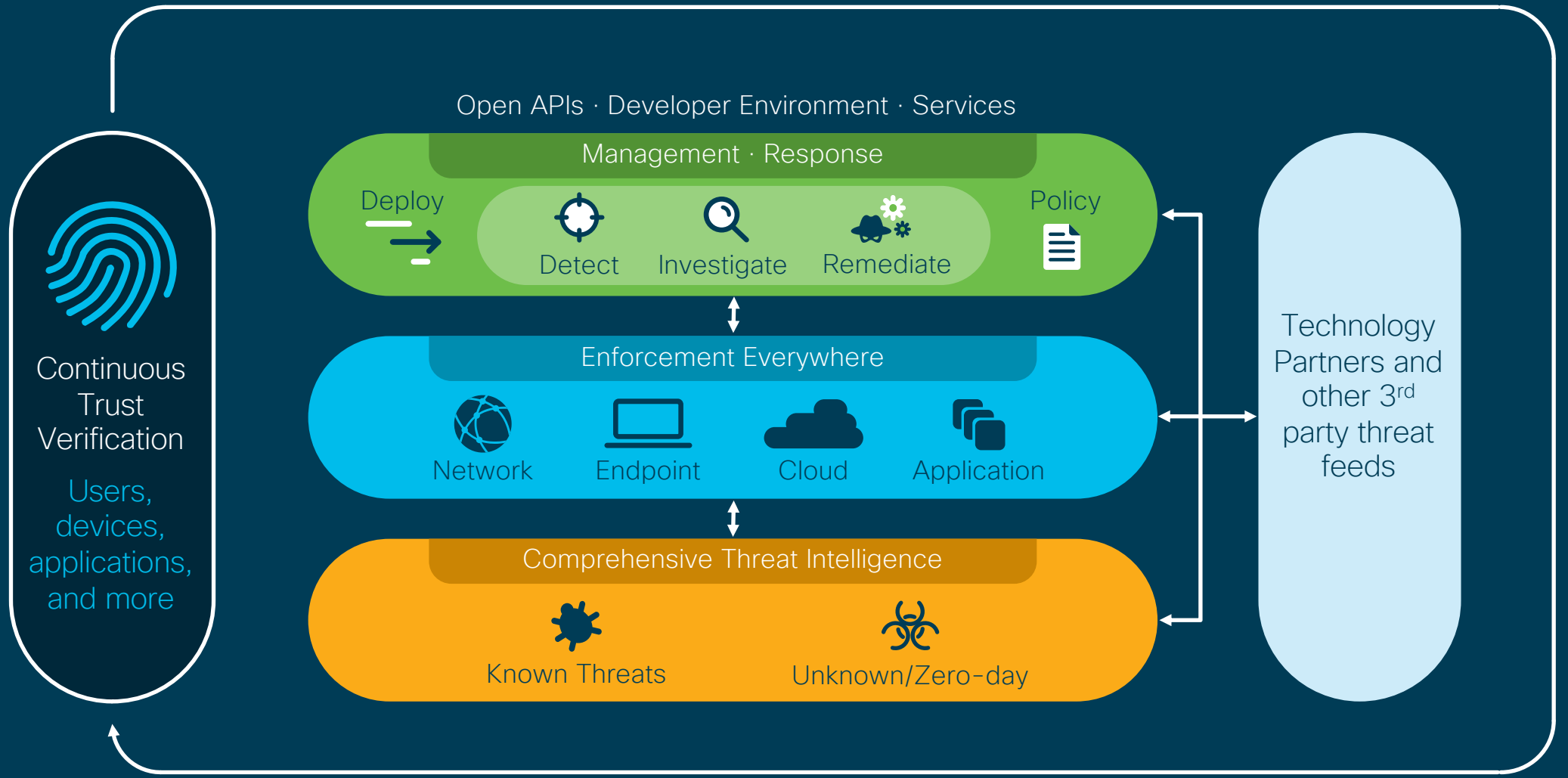
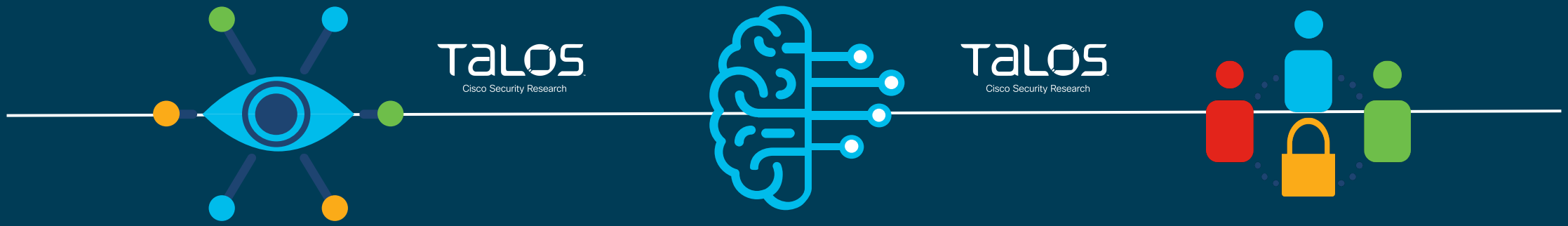
Modern Security Architecture



Cisco Cybersecurity is ‘Threat Intelligence Focused’



Unmatched Visibility

Actionable Intelligence

Collective Response

55:1 Breach Ratio[1]

Versus Other Security Vendors

(2019 >100:1)

Avg. 4.6 Hour Dwell Time

Versus the Industry average of ~100 Days.

(AMP <3 hours)

Protection Before Day0

In 2018, Cisco Talos eliminated over 365 new vulnerabilities from the market BEFORE a day0 attack could be weaponized

[1]2018 Collective Incident Response Data

TALOS
Cisco Security Research

Unmatched Visibility

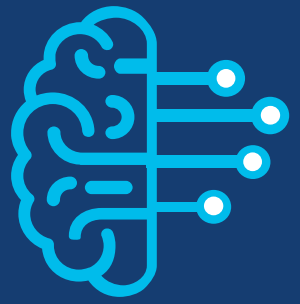
To stop more, you have to see more.

- The most diverse data set
- Community partnerships
- Proactively finding problems

2.2 Trillion Artifacts Seen Daily

1.9 Trillion Email artifacts
175 Billion DNS Entries
47 Billion Web requests
70 Billion Network Flows (includes Cognitive)
189 Million File Artifacts (14M never-before-seen)
100 Million new detection events
500 Million Authentications (per month)

TALOS
Cisco Security Research



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Actionable Intelligence

Security controls are best served by data that lets tools respond to immediate threats.

- Rapid coverage
- Distillation and analysis
- Threat Context

It's not detect and forget, it's c
and analyze.

Protection already Delivered

By the time the first blog hits the wire

Coverage

Additional ways our customers can detect and block this threat are listed below.

PRODUCT	PROTECTION
AMP	✔
CloudLock	N/A
CWS	✔
Email Security	✔
Network Security	✔
Threat Grid	✔
Umbrella	✔
WSA	✔

Advanced Malware Protection (AMP) is ideally suited to prevent the execution of the malware used by these threat actors.

CWS or WSA web scanning prevents access to malicious websites and detects malware used in these attacks.

Email Security can block malicious emails sent by threat actors as part of their campaign.

Network Security appliances such as NGFW, NGIPS, and Meraki MX can detect malicious activity associated with this threat.

AMP Threat Grid helps identify malicious binaries and build protection into all Cisco Security products.

Umbrella, our secure internet gateway (SIG), blocks users from connecting to malicious domains, IPs, and URLs, whether users are on or off the corporate network.

Open Source Snort Subscriber Rule Set customers can stay up to date by downloading the latest rule pack available for purchase on Snort.org.

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Collective Response

The ability to bring rapid protection to close off multiple attack vectors instantaneously is crucial

- **Breadth:** See once, protect everywhere
- **Depth:** Response and interdiction drives continuous research
- **Scale:** Delivering portfolio-wide protection, in real-time

10.5 Billion Daily Responses

6.5 Billion rejected emails
1.4 Billion DNS blocks
2.6 Billion URL Blocks
1 Million malicious file blocks
100 Thousand new file convictions
100 Million Vulnerability-Exploit events

Immediate Response + Extended Response + Response Follow-up

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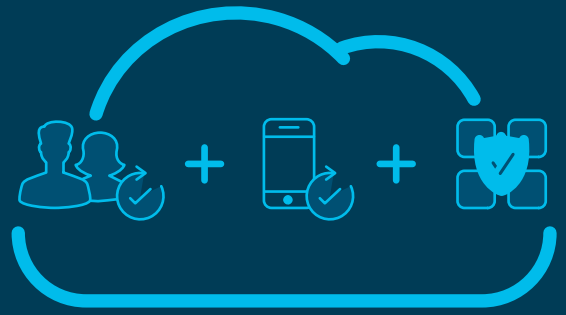
Cisco Cloud Security

Security when accessing the cloud

Umbrella

Secure Internet Gateway (SIG)

Security for accessing any app



Duo Security

Multi-Factor Authentication (MFA), Single Sign-on (SSO), Software-Defined Perimeter (SDP)

Security for SaaS apps

Cloudlock

Cloud Access Security Broker (CASB)

Security for public cloud

Stealthwatch Cloud

Public cloud visibility and threat detection

Our view of the internet

175B
requests per day

90M
daily active users

15K
enterprise customers

160+
countries worldwide

Data centers co-located at major IXPs

30
data centers
worldwide

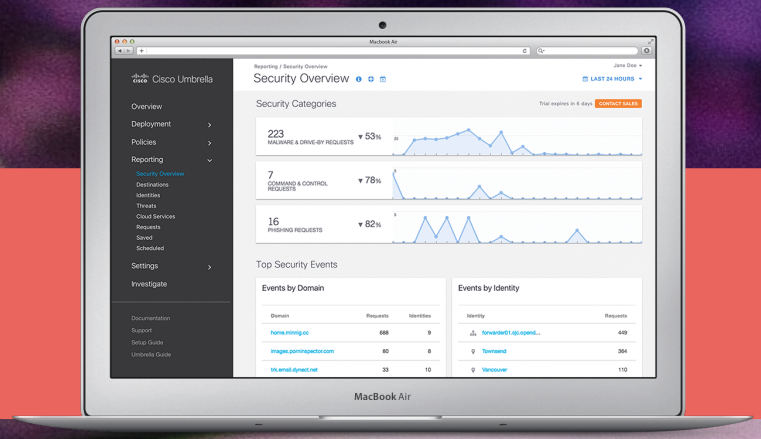
Get started today

Cisco Umbrella

Secure Internet Gateway (SIG)

14-day free trial: signup.umbrella.com

Or CX Assessment

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Defending 100% of Fortune 100 companies every day

Děkuji za pozornost