

# Cisco Secure

Sebastine Nzeadibe  
Country Director -Cisco  
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# Cisco Transformation Provides....

## Technology Transformation



Platform Solutions, SW Lead,  
Open APIs, Programmable,  
SECDEVOPS

## Business Transformation



Comprehensive buying  
vehicles to drive speed of  
adoption and lower TCO

## People & Developer Community Transformation



Developer curriculum,  
community and certifications

# Coverage across all Cisco technology architectures



Collaboration



Data  
Center



Enterprise  
Networking



IoT



Security



Service  
Provider

Deploy a defined Cisco solution  
listed in the [Solution Support Product Directory](#)

OR

Create a solution  
with only Cisco products or including [Solution Support Alliance Partners](#)

#1 in market  
share

Wireless LAN

Campus  
Switching  
(managed)

LAN Switching  
(managed)

DC Switching  
(managed)

SP Core + Edge  
Routing

Cloud and  
Network Edge  
Security

SD-Branch  
Routing

Enterprise  
Voice

Telepresence

X86 Blade  
Servers

Zero Trust  
Security

*\*Source: Dell'Oro, Omdia, Synergy*

# Constantly Changing Threats



CCleaner



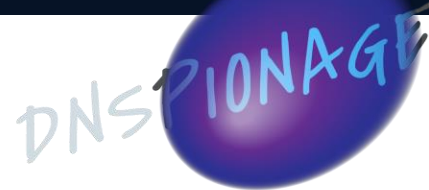
Cryptocurrency Mining



BadRabbit



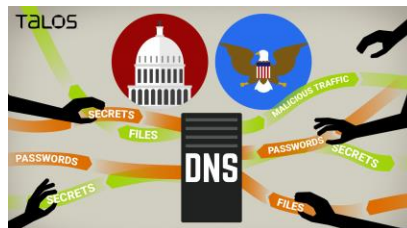
Infostealer Telegram



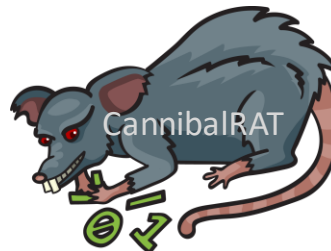
Olympic Destroyer



Nyetya



DNSMessenger

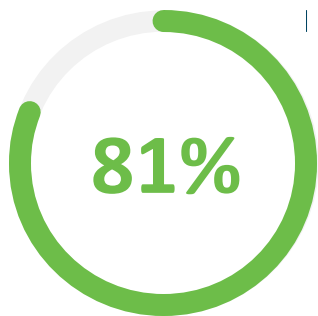


CannibalRAT



# Threats Today, As a Result

A new approach to security is needed – zero trust – to address identity, app & network threats.



## Targeting Identity

81% of breaches involved compromised credentials



## Targeting Apps

54% of web app vulnerabilities have a public exploit available



## Targeting Devices

300% increase in malware variants targeting IoT devices

ThousandEyes  
(Visibility)

## Cloud Edge

7

## On-Premises

The diagram illustrates the Cisco Secure Network Architecture. It shows a flow from left to right: Secure DDoS (represented by a globe icon) connects to Full Stack Meraki (represented by a Meraki logo). Full Stack Meraki connects to Secure Network Analytics (represented by a magnifying glass over a gear icon). Secure Network Analytics connects to Secure Firewall (represented by a firewall icon with a flame). Secure Firewall connects to ISE TrustSec (represented by a cloud with a green triangle icon). ISE TrustSec connects to DuoCloud SSO+IDP (represented by a cloud with a blue circle icon). DuoCloud SSO+IDP connects to Network Gateway (represented by a server rack icon). Below this main flow, a Cisco DNA Center (represented by a DNA helix icon) is shown, which connects to the Full Stack Meraki, Secure Network Analytics, and ISE TrustSec components.

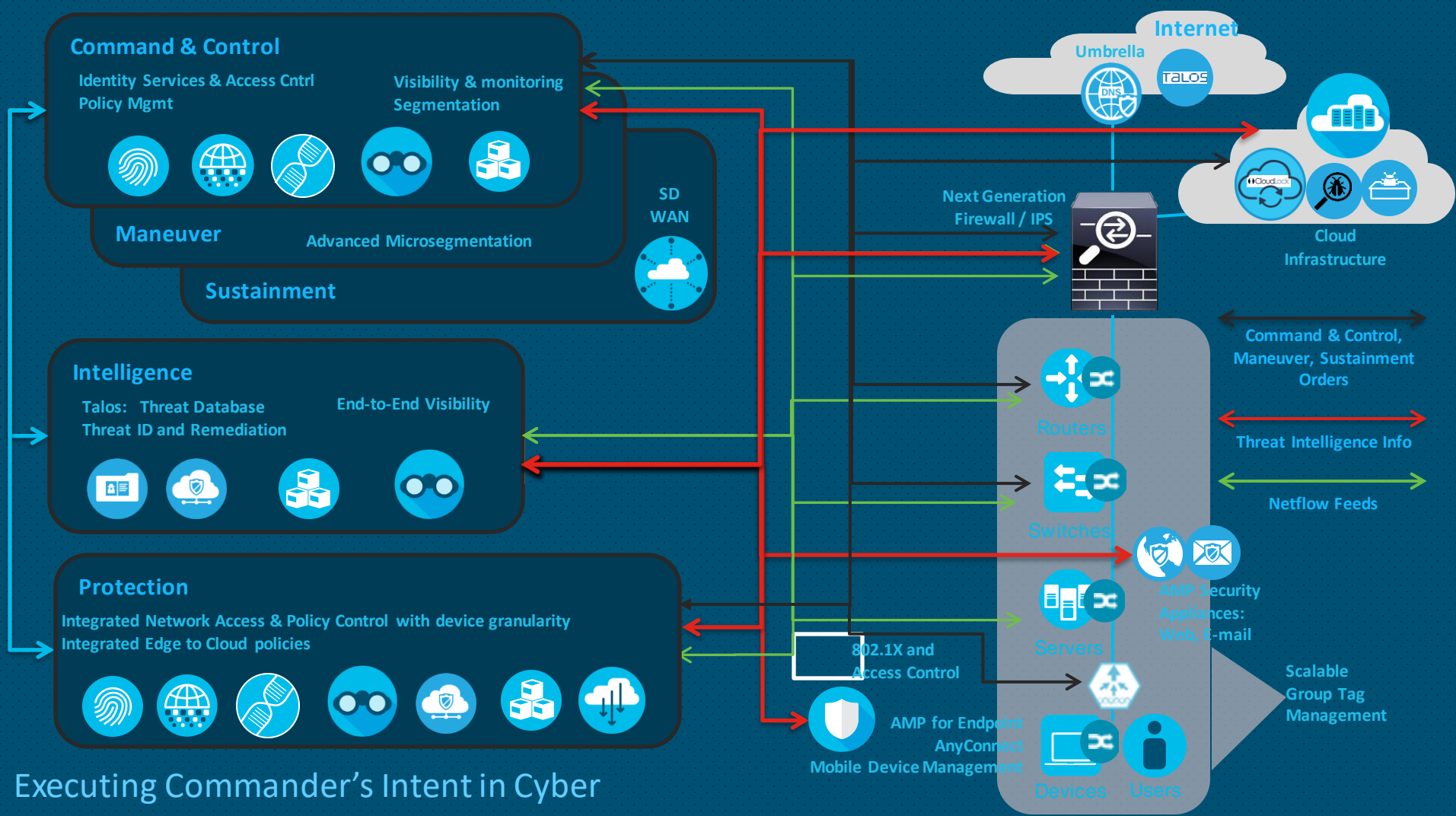
## Secure Firewall

# Shift in IT Landscape

Users, devices and apps are everywhere







# Cisco impact programs

Networking  
**CISCO** Academy

Cisco  
**Global  
Problem  
Solver**  
Challenge





3 million

students in FY21

15 million

students have participated in Networking Academy courses since 1997

2.9 million

students who participated in Cisco career certification or IT essentials course reported that Networking Academy helped them find a new job

# Nigeria Impact Report

## Powering an Inclusive Future



### Students



**73,346**  
current students



**301,372**  
total students



**42%**  
are female



**12,091**  
certification ready

### Instructors



**338**  
instructors



**12%**  
are female

### Cisco academies



**219** education partners  
partner organizations  
offering Cisco courses

### Key partnerships

- Federal Ministry of Education
- National Board for Technical Education
- National Information Technology Development Agency

### Key programs

MOU with the Federal Ministry of Education targeted towards digital training.  
Cybersecurity training in collaboration with NBTE  
IoT Innovation Centers, 6 IoT innovation centres established in partnership with Federal Ministry of Education

### In-kind contributions



**\$35.38M USD**

since inception in tools, resources, and support to students, schools and instructors

### In-country impact

Minister of Communications and Digital Economy and Director-General of National Information Technology Development Agency (NITDA) are NetAcad Alumni.  
Nigeria has the highest female participation in NetAcad in EMEAR.

### Global Problem Solvers

In 2018 the Nigeria entrant Team PowerStove won the 2nd runner up prize of US\$25,000 for their smokeless  
In 2019 the Nigerian entrant TREP LABS won the 3rd runner up prize of US\$10,000 for their REALDRIP solution.

### Jobs



**96%**

students who completed Cisco certification courses got a job or educational opportunity





The bridge to possible