Intelligent Cybersecurity to Protect Against Advanced Threats

**PRODUCT NAMES**

1. OpenDNS Umbrella
2. NGIPS
3. Cisco ASA with FirePOWER Services
4. NGIPS and AMP — Networks
5. NGIPSv and ASAv
6. ASA with FirePOWER Services/Meraki MX
7. CTA
8. StealthWatch
9. AMP — Web and Email
10. AMP Threat Grid
11. AMP — Endpoints
12. ISE
13. Cisco Trustsec
14. Cisco AnyConnect Secure Mobility Client
15. Cloud Web Security
16. Web Security Appliance
17. Cloud Email Security
18. Email Security Appliance

**Diagram Components**

- **People & Devices**
  - Identity Services
  - Endpoint User

- **Network Perimeter**
  - Dynamic Malware Analysis
  - Flow Analysis
  - Behavioral Analysis
  - NGFW/UTM
  - Web & Email Security
  - Any Port & Protocol

- **Admin**
  - Managed by Admin

- **Web & Email**
  - Accessible via Web & Email Security

- **Data Center**
  - Managed by Admin

- **Recursive DNS**
  - Accessible via Recursive DNS

- **Talos**
  - BEFORE
  - DURING
  - AFTER

- **ROAMING USER**

- **URL FILTER**

- **Any Port & Protocol**
  - Recursive DNS

- **Network Options**
  - BLOCK
  - ALLOW
  - WARN

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PRODUCT DESCRIPTIONS

1. OpenDNS Umbrella
OpenDNS protects users at the DNS gateway. It inspects where you are going and blocks malicious destinations. It protects any port and protocol, dramatically reducing the attack surface.

2. NGIPS
Cisco’s next-generation intrusion prevention system (NGIPS) inspects network traffic to identify known attacks and blocks them. Cisco FirePOWER® NGIPS has been independently shown by NSS Labs to lead the industry in threat detection efficacy.

3. Cisco ASA with FirePOWER Services
Our next-generation firewall appliances combine our proven network firewall with the industry’s most effective next-gen IPS and advanced malware protection.

4. NGIPS and AMP – Networks
Cisco® Advanced Malware Protection for Networks is integrated into Cisco FirePOWER network security appliances.

5. NGIPSv and ASAv
Refer to #2 and 3.

6A. ASA with FirePOWER Services
A firewall is at the perimeter determining what comes in and out of the network. It lessens the attack surface and sets the initial security and network controls in place. This is your basic control before an attack.

6B. Meraki MX
Built on Cisco Meraki’s award-winning cloud-managed architecture, the MX is the industry’s only 100 percent cloud-managed unified threat management (UTM) appliance.

7. CTA
Where AMP looks at files, Cognitive Threat Analytics analyzes log traffic (HTTP and HTTPS requests) to identify zero-day breaches, or threats that have made their way into your network despite all the other controls in place.

8. StealthWatch
StealthWatch collects and watches network traffic information. It can do forensics and investigate the traffic flows in order to scope a security event and remediate it.

9. AMP – Web and Email
Cisco Advanced Malware Protection is sold as an integrated solution with Cisco web and email solutions.

10. AMP – Threat Grid
Cisco AMP Threat Grid feeds dynamic malware analysis and threat intelligence information to be used by the Cisco AMP solution, providing incident response teams with even more information to help them scope and remediate.

11. AMP – Endpoints
With Cisco Advanced Malware Protection for Endpoints you can go back in time and see when a certain file has become malicious.

12. ISE
The Cisco Identity Services Engine spans the network perimeter and outside it, identifying the who, what, when, and where of the people and devices connected to the corporate network.

13. Cisco Trustsec
Cisco TrustSec® technology uses software-defined segmentation with Cisco ISE and the network infrastructure to protect before an attack. Trustsec is embedded in Cisco switches, routers, wireless, and security devices to consistently enforce policy anywhere in the network.

14. Cisco AnyConnect Secure Mobility Client
The Cisco AnyConnect® client provides a highly secure connectivity experience across a broad set of PC and mobile devices.

15. Cloud Web Security

16. Web Security Appliance

17. Cloud Email Security

18. Email Security Appliance
Cisco web and email security solutions block users from accessing malicious and inappropriate content online and prevent them from clicking on compromised links. The solutions can be deployed through the cloud or with an appliance.

Visit cisco.com/go/security for more information

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