



Cisco Security Architecture Summit: For internal and partners to receive updates and roadmaps from the BUs on the solutions and technologies being developed.

## Network Security: (Day 1)



### Secure Firewall:

- **Snort 3.0 support:** multi-thread support, lower memory footprint etc. (GA)
- **Encrypted Visibility Engine:** Application and OS detection w/o decrypt (v7.2 - GA)
- **3100 Series:** Crypto accelerator, Encrypted SSD, FIPS compliance etc. (Spring 2022)
- **Public/Private Cloud Clustering:** Public available in AWS and GCP (v7.2)
- **MITRE policies & reporting:** Policy mapping to known attackers (v7.3 Dec 2022)

### Cloud Delivered FMC (cdFMC):

 SaaS mgmt. with better parity (June 2022 - GA)

- Migration of FTD from FDM managed to cdFMC (December 2022)
- Unified event viewer in CDO and common change log for CDO platform (Dec 2022)
- Secure firewall migration tool natively hosted in CDO (2023)
- Support for 1000+ FTD devices per tenant (2023)

### Meraki MX:

- **Mandatory DHCP:** Enable DHCP prior to gaining access to network (MX17)
- **NBAR2 Enhancements:** Greater efficacy, 750% app visibility increase (MX17)
- **Cisco Talos Content Filtering:** Equivalent filter across Cisco platforms (MX17)
- **In-line Snort:** Parity with other Cisco platforms with IPS (MX17.6)

### Cisco Secure Client (CSC):

 AnyConnect v5.0 with cloud mgmt. (July 2022 - GA)

## SASE / Cloud: (Day 2)



### Umbrella/SIG:

- **DNS Sec:** iOS & Android Unmanaged (GA)
- **DNS Sec:** Android & iOS unmanaged support (~October 2022)
- **SWG:** Reserved IP (LA) – Anycast reserved IP (future)
- **SWG:** Chromebook support (~October 2022)
- **SWG:** Non-Standard HTTP/S ports from tunnel (~October 2022)
- **SWG:** TLS 1.3 Native support (~October 2022)
- **CDFW:** User identity in CDFW Rules (~October 2022)
- **CDFW:** Traffic redirection from FW to SWG (~October 2022)
- **CASB:** DLP out of band and Multimode (~October 2022) – Exact match DLP (future)

### Cisco+ Secure Connect Now: (LA)

- **Network Access:** Defining private application access w/VPN (July 2022)
- **Firewall:** Private access policy / User Identity from VPN etc. (July 2022)
- **Browser Access:** Define private application access w/o VPN (July 2022)
- **Browser Access Policy:** Users & Groups / Endpoint Posture Profile etc. (July 2022)
- **Posture Profiles:** Operating System, Browser, Location, Grace period (July 2022)

### SASE:

- **Option II (Phase II):** Meraki MX + Umbrella SIG leveraging Meraki AutoVPN (GA)

## XDR: (Day 3)



### SecureX

- **High Impact Incident:** Prioritized incidents queue based on severity (GA)

### Orchestration:

- **Webhooks:** Workflow runs when webhook is triggered via API or URL. (GA)
- **Secure Firewall:** Fetch health alerts from FMC, document in ServiceNow etc. (GA)
- **Spyglass:** Next-Gen user interface, 1-click import content. (beta)

### Secure Endpoint:

- **USB Device Control:** Mass storage devices, visibility in device trajectory etc. (August 2022)
- **Risk Based Endpoint Security:** Risk prioritized compensating controls by Kenna. (future)
- **Remote Shell:** Remote shell into an endpoint for advanced investigation. (December 2022)
- **Host Endpoint Firewall:** Simplified endpoint firewall management. (December 2022)

### Kenna:

- **Buying Options:** Cisco EA 2.0 (GA) - MSLA (July 15, 2022) - Cisco EA 3.0. (January 2023)

### Secure Email:

- **URL Protection/Workflow:** URLs provided to Cloud URL Analysis for inspection. (June 2022)

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## Zero Trust: (Day 4)



### Identity Services Engine (ISE):

- **BYOL:** ISE deployment on more public cloud platforms – Azure, OCI etc. (v3.2 Sept 2022)
- **Posture Compliance:** Shell scripts to perform endpoint compliance checks. (v3.2 Sept 2022)
- **API Patch:** Allow external apps to update specific attributes to update on ISE. (v3.2 Sept 2022)
- **5G Networks:** Authorize 5G subscribers & publish session info via pxGrid. (v3.2 Sept 2022)
- **EAP-TLS & TEAP w/ Azure AD:** Azure AD integration to secure auth methods. (v3.2 Sept 2022)

### Duo:

- **Biometrics for Passwordless:** WebSSO (GA)
- **Risk-Based Authentication:** Device Trust, GeoIP, Historical Auths, Wi-Fi Footprint (future)

### Secure Workload:

- Wizard-style First Time User Workflow - (v3.7 July 2022)
- External Threat Scores from Kenna - (v3.8 future)

## Random Related Links:

- [Summit Presentations](#)
- [Summit Q&A Team Room](#)
- [Fire Jumper Academy](#)
- [3100 Data Sheet](#)
- [cdFMC FAQ](#)
- [SAL Order Guide](#)
- [Secure Connect Now](#)
- [Panoptica](#)
- [Secure Firewall Feature Matrix](#)