



SNEAK PEEK

Cisco Community Meet the Authors

A Cybersecurity Deep Dive with Omar Santos

January 23rd, 2020

with Omar Santos

Register Now: <http://bit.ly/sneak-omar-jan23>



Interact with Omar Santos in real time, learn more about his story and the story behind his publications.



Win a free signed copy of his book

During the session, we will select two winners who will receive a signed copy of the book..

Don't miss out this opportunity!

[Register](#)

layer											
	filters										
	stages: act										
	platforms: Linux, Windows										

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command And Control	Exfiltration	Impact
11 items	32 items	51 items	29 items	19 items	19 items	23 items	17 items	13 items	5 items	9 items	16 items
Drive-by Compromise	CMSTP	bash profile and bashrc	Access Token Manipulation	Access Token Manipulation	Account Manipulation	Account Discovery	Application Deployment	Audio Capture	Commonly Used Port	Automated Exfiltration	Account Access Removal
Exploit Public-Facing Application	Command-Line Interface	Accessibility Features	Accessibility Features	Binary Padding	Binary Padding	Application Window	Component Object Model	Automated Collection	Communication Through Removable Media	Data Compressed	Data Destruction
External Remote Services	Compiled HTML File	Account Manipulation	AppCert DLLs	BITS Jobs	Brute Force	Bypass Bookmark	Exploitation of Remote	Clipboard Data	Connection Proxy	Data Encrypted	Data Encrypted for Impact
Hardware Additions	Appoint DLLs	Appoint DLLs	Appoint DLLs	Appoint DLLs	Credential Dumping	Domain Trust Discovery	Internal Spearphishing	Remote Information	Custom Cryptographic	Data Transfer Size Limits	Defacement
Information Through Removable Media	Control Panel Items	Application Shimmin	Application Shimmin	Clear Command History	Credentials in Files	Credentials in Files	Logon Scripts	Data from Local System	Dynamic Cryptographic	Exfiltration Over Network	Disk Content Wipe
Searchphishing Attachments	Dynamic Data Exchange	Application Shimmin	System User Account	CMSTP	Credentials in Registry	Network Share Scanning	Pass the Hash	Data from Network Shares	Data Encoding	Exfiltration Over Command	Disk Structure Wipe
Searchphishing Link	Execution through API	Authentication Package	Auth Search Order	Code Signing	Credentials in Registry	Network Share Discovery	Pass the Ticket	Data from Removable Media	Data Obfuscation	Exfiltration Over Other Media	Endpoint Denial of Service
Searchphishing via Service	Execution through Module	BITS Jobs	Exploitation for Privilege Escalation	Compile After Delivery	Exploitation for Credentials	Network Sniffing	Remote Desktop Protocol	Data Staged	Domain Fronting	Exfiltration Over Physical Medium	Firmware Corruption
Supply Chain Compromis	Exploitation for Client	BookIt	BITS Window Memory	Forced Authentication	Forced Authentication	Password Policy Discovery	Remote File Copy	Email Collection	Domain Generation	Scheduled Transfer	Inhibit System Recovery
Trusted Relationship	Graphical User Interface	Browser Extensions	Component Firmwares	Component Firmwares	Hooking	Hosted Service	Remote Services	Input Capture	Failback Channels		Network Denial of Service
Valid Accounts	InstallUtil	Component Object Model	Component Object Model	Component Object Model	Input Capture	Process Groups	Replication Through Webhook	Man in the Browser	Multi-hop Proxy		Resource Hijacking
	Local Job Scheduling	Component Firmware	Image File Execution	Connection Proxy	Input Prompt	Process Discovery	Shared Webhook	Screen Capture	Multi-Stage Channels		Runtime Data Manipulation
	LSASS Driver	Component Object Model	New Service	Control Panel Items	Kerberoasting	Query Registry	SSH Hijacking	Video Capture	Multiband Communication		Service Stop
	Mhta	Create Account	Parent PID Spoofing	DCHadrow	LLMNR/NB/TNS Poisoning	Remote System Discovery	Taint Shared Content		Multilayer Encryption		Stored Data Manipulation
	PowerShell	Path Interception	Path Interception	Path Interception	Network Sniffing	Security Software	Third-party Software		Port Knocking		System Shutdown/Reboot
	Regsvcs/Regasm	External Remote Services	Port Monitors	Hooking	Password Filter DLL	Software Discovery	Windows Admin Shares		Remote Access Tools		Virtualized Drive Manipulation
	Regsvr32	File System Permissions	PowerShell Profile	PowerShell Profile	Private Keys	System Information	Windows Remote Management		Remote File Copy		
	Rundll32	Hidden Files and Folders	Process Injection	DLL Side-Loading	Steal Web Session Cookies	System Network Connections			Standard Application Layer		
	Scheduled Task	Hooking	Scheduled Task	Execution Guardrails	Two-Factor Authentication Interception	System Network Connections			Standard Cryptographic		
	Scripting	Hyperervisor	Service Registry	Service Registry	Virtualization	System Owner/User			Third-party Application		
	Service Execution	Image File Execution	Child Injection	Child Injection	Child Injection	System Service Discovery			Uncommonly Used Port		
	Shield Binary Proxy	Shield Binary Proxy	Shield Binary Proxy	Shield Binary Proxy	Shield Binary Proxy	System Time Discovery			Web Service		
	Shield Script Proxy	Shield Script Proxy	Shield Script Proxy	Shield Script Proxy	Shield Script Proxy	Virtualization/Sandbox Emulation					
	Source	Logon Scripts	Sudo Caching	File System Logical Offsets							
	Space after Filename	LSASS Driver	Valid Accounts	Group Policy Modification							
	Third-party Software	Modify Existing Service	Web Shell	Hidden Files and Folders							
	Trap	Wash Helper DLL		Hidden Window							
	Trusted Developer Utilities	New Service		HISTCONTROL							
	User Execution	Office Application Startup		Image File Execution							
	Windows Management	Path Interception		Indicator Blocking							
	Windows Remote Management	Port Knocking		Indicator Removal from Task							
	XSL Script Processing	PowerShell Profile		Indicator Removal on Host							
		Redundant Access		Install Root Certificate							
		Registry Run Keys / Values		InstallUtil							
		Scheduled Task		Masquerading							
		Screen Savers		Modify Registry							
		Security Support Provider		Meta							
		Server Software		Network Share Connection							
		Service Registry		NTFS File Attributes							
		Shield Binary Proxy		Uncommonly Used Port							
		Shield Script Proxy		Uncommonly Used Port							
		SIP and Trust Provider		Parent PID Spoofing							
		System Firmware		Port Knocking							
		System Firmware		Process Doppelganging							
		Systemd Service		Process Hollowing							
		Time Providers		Process Injection							
		Trap		Redundant Access							
		Valid Accounts		Regsvcs/Regasm							
		Web Shell		Regsvr32							
		Windows Management		Rootkit							
		Wintlogon Helper DLL		Rundll32							
				Scripting							
				Shield Binary Proxy							
				Shield Script Proxy							
				SIP and Trust Provider							
				Software Packing							
				Space after Filename							
				Template Injection							
				Time Sniffing							
				Trusted Developer Utilities							
				Valid Accounts							
				Virtualization/Sandbox Emulation							
				Web Service							
				XSL Script Processing							

ATT&CK™

NAVIGATOR

<https://mitre-attack.github.io/attack-navigator/enterprise/>

Implementing and Operating Cisco Security Core Technologies (SCOR 350-701)

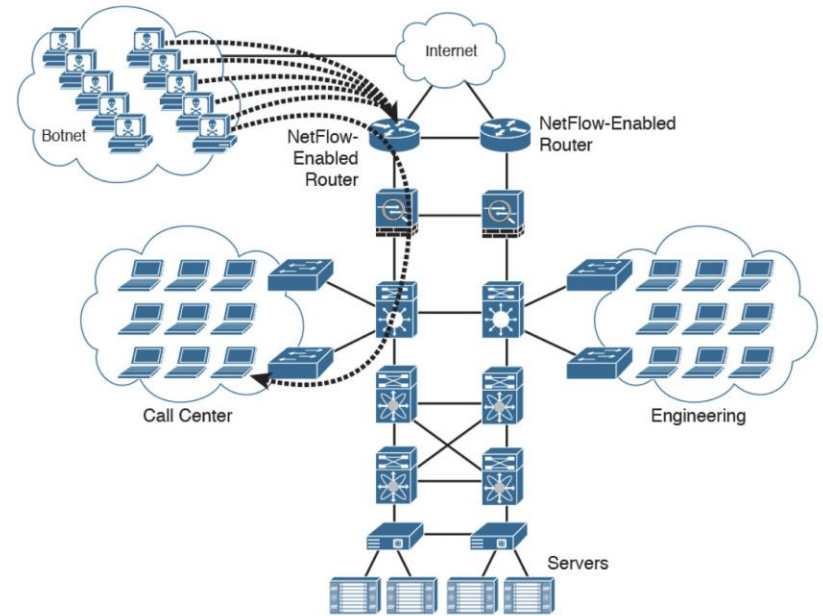
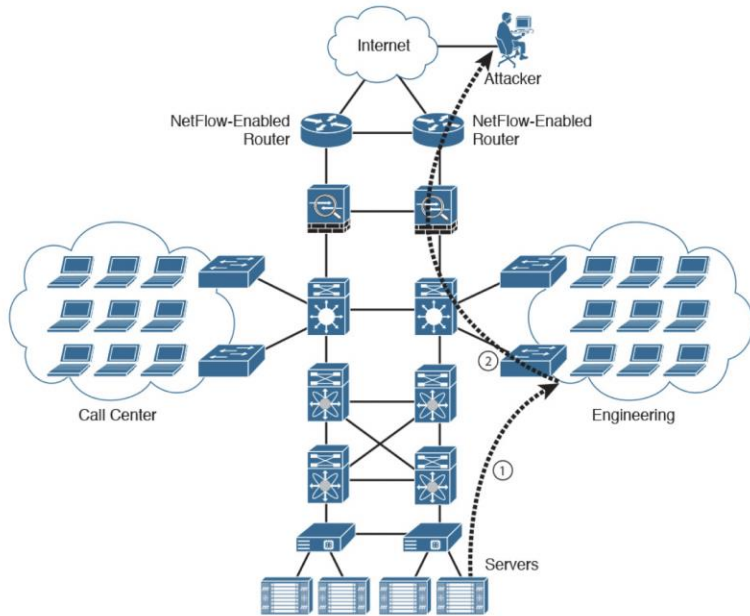
350-701 SCOR

Certifications: CCNP Security, CCIE Security, Cisco Certified Specialist - Security Core

Duration: 120 minutes

Available languages: English, Japanese

<https://www.cisco.com/c/en/us/training-events/training-certifications/exams/current-list/scor-350-701.html>



Network Telemetry and Metadata (including NetFlow)

Security Insight Dashboard | Inside Hosts

Alarming Hosts

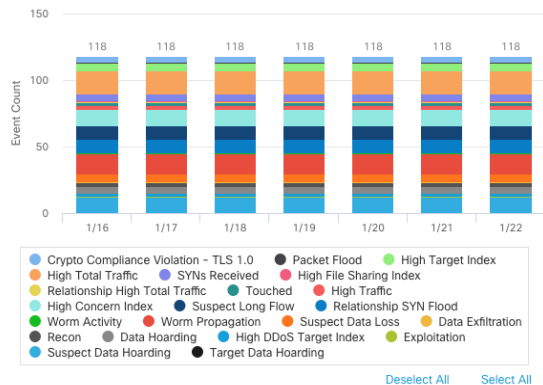


Top Alarming Hosts

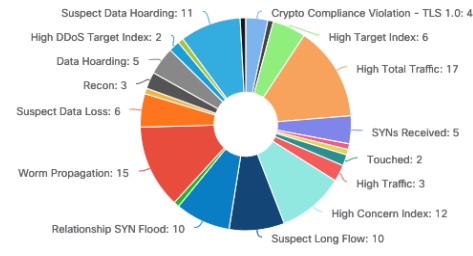
HOST	CATEGORY
10.201.3.149 End User Devices	DH EX
10.201.3.18 End User Devices	RC
10.10.101.24 End User Devices	EP
10.201.0.23 Terminal Servers	DH
10.50.10.254 End User Devices	CI
10.100.10.254 End User Devices	CI
10.30.10.254 End User Devices	CI

[View All Hosts](#)

Alarms by Type



Today's Alarms



Cognitive Threat Analytics

AFFECTED USERS BY RISK				
Critical	High	Medium	Low	Total
1	12	21	3	37

Flow Collection Trend

Top Applications

Check out some additional information about Omar Santos and Cisco Security sessions on the Cisco Community or Cisco.com

Omar Santos - Profile

<https://blogs.cisco.com/author/omarsantos>

Implementing and Operating Cisco Security Core Technologies (SCOR 350-701)

<https://www.cisco.com/c/en/us/training-events/training-certifications/exams/current-list/scor-350-701.html>

If you are not yet a registered user on the community, [Click here](#) to register and become an active participant on the community.



Hope you enjoyed this little peek into the event.
Remember it was just a peek. In January 23rd you get a chance to see the whole thing.



Register Now: <http://bit.ly/sneak-omar-jan23>

At the session you will be able to learn so much more and get a chance to submit questions for the expert to answer during the event.
We'll see you there!