

Disclaimer

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Why does Control Compass exist?

- MITRE ATT&CK© is valuable for bridging threats <-> controls
- Organizations struggle to operationalize CTI
- Defense prioritization is hard (few models/frameworks)
- Industry-based threat modeling is difficult (& time consuming!)

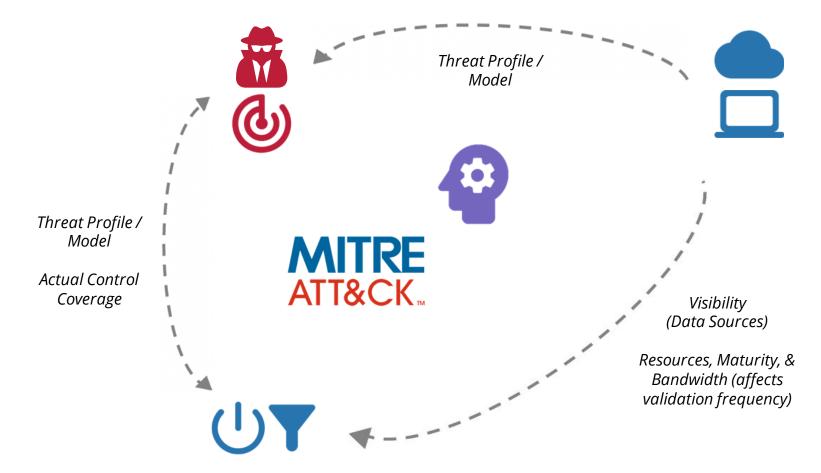
(But don't take my word for it)







Prioritizing Detections: Risk Profiling



Splunk Security Content



Welcome to the Splunk Security Content

This project gives you access to our repository of A on tactics, techniques and procedures (TTPs), map Martin Cyber Kill Chain, and CIS Controls. They incl Splunk Phantom playbooks (where available)—all dc respond to threats.

Get Content []

The latest Splunk Security Content can be obtained

SSE App

Grab the latest release of Splunk Security Essential it from splunkbase, it is a Splunk Supported App. St content release, this is the preferred way to get co

- T1087 observable:

		AND PARTIES OF THE PA	T1001	Data Obfuscation	
		12/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/	T1001.001	Junk Data	
			T1001.002	Steganography	
		name: AdsiSearcher Account Discovery id: de7fcadc-04f3-11ec-a241-acde48001122		Protocol Impersonation	
		version: 1	T1001.003	OS Credential Dumping	41
		date: '2021-08-24'			
		author: Teoderick Contreras, Mauricio Velazco, Splunk		LSASS Memory	14
		type: TTP	T1003.002	Security Account Manage	12
		datamodel: []	T1003.003	NTDS	7
		description: The following analytic utilizes PowerShell Script Block Logging (EventCode=4104)	T1003.004	LSA Secrets	
		to identify the `[Adsisearcher]` type accelerator being used to query Active Directory	T1003.005	Cached Domain Credenti	
		for domain groups. Red Teams and adversaries may leverage '[Adsisearcher]' to enumerate	T1003.006	DCSvnc	
١	11	domain users for situational awareness and Active Directory Discovery. Search: 'powershell EventCode=4104 Message = "* adsisearcherj*" Message = "*objectcategory=user*"		Proc Filesystem	
П	13	Message = "*.findAll()*" stats count min(_time) as firstTime max(_time) as lastTime			
П	14	by EventCode Message ComputerName User `security_content_ctime(firstTime)` `security_content_ctime(lastTime)`		/etc/passwd and /etc/sha	1
П	15	`adsisearcher_account_discovery_filter`'	T1005	Data from Local System	1
A	16	how_to_implement: The following Hunting analytic requires PowerShell operational logs	T1006	Direct Volume Access	
9		to be imported. Modify the powershell macro as needed to match the sourcetype or	T1007	System Service Discovery	2
1		add index. This analytic is specific to 4104, or PowerShell Script Block Logging.	T1008	Fallback Channels	
•		known_false_positives: Administrators or power users may use this command for troubleshooting.	T1010	Application Window Disc	
		references:	T1010	Exfiltration Over Other N	
	21 22	- https://attack.mitre.org/techniques/T1087/002/ - https://www.blackhillsinfosec.com/red-blue-purple/			
	23	- https://devblogs.microsoft.com/scripting/use-the-powershell-adsisearcher-type-accelerator-to-search-active-directory/	T1011.001		
	24	tags:	T1012	Querv Registry	1
a		analytic_story:	T1014	Rootkit	
		- Industroyer2	T1016	System Network Configu	3
		- Active Directory Discovery	T1016.001	Internet Connection Disc	1
E S		confidence: 50	T1018	Remote System Discover	15
,	29	context:	T1020	Automated Exfiltration	5
		- Source: Endpoint			
1		- Stage:Discovery dataset:		Traffic Duplication	
	33	- https://media.githubusercontent.com/media/splunk/attack_data/master/datasets/attack_techniques/T1087.002/AD_discovery/	T1021	Remote Services	19
	34	impact: 50	T1021.001	Remote Desktop Protoco	2
		kill_chain_phases:	T1021.002	SMB/Windows Admin Sh	6
		- Reconnaissance	T1021.003	Distributed Component (5
	37	message: powershell process having commandline \$Message\$ for user enumeration	T1021.004	SSH	
۱	38	mirre_attack_id:	. 1021.004	Photo to	
	3.0	- T1087, 002		TI COMPLETE THE TAXABLE PARTY.	Special Company

splunk

techID

techName

SIGMA

Sigma

Generic Signature Format for SIEM Systems

What is Sigma

Sigma is a generic and open signature format that allows you to describe relevant log events in a straightforward manner. The rule format is very flexible, easy to write and applicable to any type of log file. The main purpose of this project is to provide a structured form in which researchers or analysts can describe their once developed detection methods and make them shareable with others.

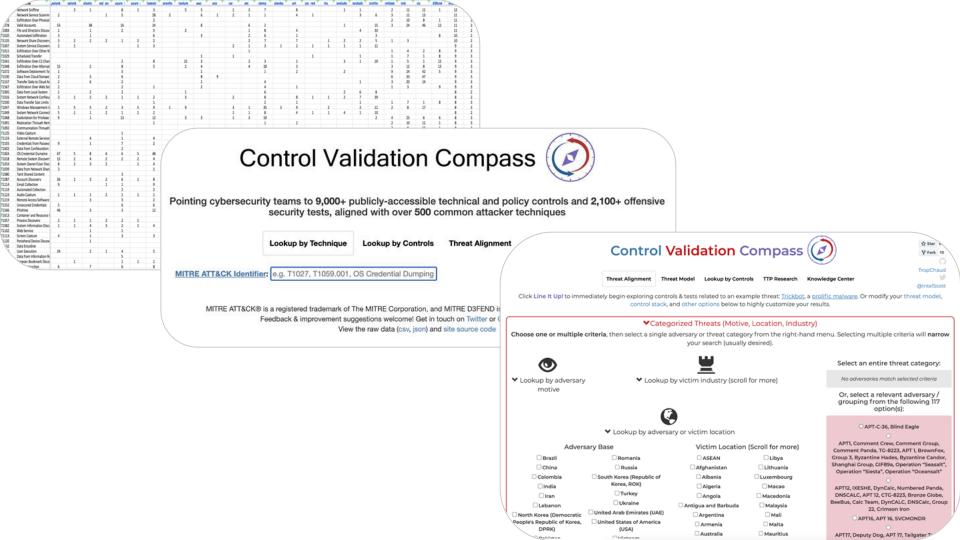
Sigma is for log files what Snort is for network traffic and YARA is for files.

This repository contains:

1. Sigma rule specification in the Wiki

12	All I WA		1
techID -	techName	splunk	sigma
T1001	Data Obfuscation		
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T1003.006	DCSvnc		8
T1003.007	Proc Filesvstem		1
T1003.008	/etc/passwd and /etc/sha	1	
T1005	Data from Local System	1	7
T1006	Direct Volume Access		1
T1007	System Service Discovery	2	3
T1008	Fallback Channels		2
T1010	Application Window Disc		1
T1011	Exfiltration Over Other N		
T1011.001	Exfiltration Over Bluetoo		
T1012	Query Registry	1	11
T1014	Rootkit		
T1016	System Network Configu	3	8
T1016.001	Internet Connection Disc	1	
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T1020.001	Traffic Duplication		
T1021	Remote Services	19	2
T1021.001	Remote Desktop Protoco	2	11
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	Distributed Component (5	8
T1021.004	SSH	NAME OF TAXABLE PARTY.	Total State of the

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T1137.005 Outlook Rules	https://at	٧			1														1	2				1	1	0
T1137.006 Add-ins	https://at												3													1
T1149 LC_MAIN Hijacking		v																						0	0	0
T1153 Source		v																						0	0	0
T1175 Component Object M		v						3				3	7											0	1	0
T1195.001 Compromise Softwar	https://at	v	2		2														2	8				2		0
T1195.002 Compromise Softwar		v		4	1														2	8				2		0
T1195.003 Compromise Hardwa		V																	1	11				2	0	0
T1204.001 Malicious Link		v						3											3	11		11		3		0
T1204.002 Malicious File			4	4	3		2	28			1		27	9	2			2	2	12		7		3	2	3
T1204.003 Malicious Image	https://at		7				-	20										-	•					0	1	0
T1205.001 Port Knocking	https://at	v			2		2		2										1	8		8		3		0
T1213.001 Confluence	https://at	v			1														3	24		1		2	1	0
T1213.002 Sharepoint	https://at	v			3														3	24				2		0
T1213.003 Code Repositories		v			· ·														•					0	0	0
T1216.001 PubPrn		V																	1	6				2	0	1
T1218.001 Compiled HTML File	https://at		4	2			1				1		2						2	7		4		2	2	3
T1218.002 Control Panel	https://at	v	1	1			3						1						2	9		3		2	1	1
T1218.003 CMSTP	https://at		3				4				1		5	2					2	8		11		3		1
T1218.004 InstallUtil	https://at		5	- 1			2	3					1	8					2	8				2		3
T1218.00f Mshta	https://at		8	3			10	6					8	1					2	8				2		1
T1218.007 Mslexec	https://at		1				1	1					4	3					1	9				2		1
T1218.008 Odbcconf	https://at	v																	2	8				2		1
T1218.005 Regsvcs/Regasm	https://at	v	6				1	3						2					2	8				2		1
T1218.01(Regsvr32			5	2			2	3			2		17	5					1	4				2	2	1
T1218.011 Rundll32	https://at		16	3			9	19			1		27	8	1					4		6		2	2	3
T1218.012 Verclsid	https://at	v	1				1												3	13				2	1	0
T1218.013 Mavinject		v																				4		1	0	0
T1218.014 MMC		v																							0	0
T1222.001 Windows File and Dir	https://at	v	1		2		2				1		3	5					2	11				2	2	1
T1222.002 Linux and Mac File ar		v			2						1		2	9					2	11				2	2	3
	https://at																		1					1	0	0
T1484 Domain Policy Modifi			4		2		3												3	13	29			3		0
T1484.001 Group Policy Modific		v			2		2																	0	1	0
T1484.002 Domain Trust Modific	https://at	v		1	2					4				2										0	2	1
T1491.001 Internal Defacement		v			1				3					1				8		10				2	1	2
T1491.002 External Defacement		v							3											10				2		0
T1497.001 System Checks		v							Ť					8			3							0		3
T1497.002 User Activity Based (https://at	v												_										0	0	0
T1497.003 Time Based Evasion		V																				3		1	0	2
T1498.001 Direct Network Flood	https://at	v			2				4										1	8		9		3	1	0 13
T1498.002 Reflection Amplificati					2				A											0		0				0 1/2



Control Validation Compass

controlcompass.github.io

Threat modeling aide & purple team content repository, pointing security & intelligence teams to 10,000+ publicly-accessible technical and policy controls and 2,100+ offensive security tests, aligned with nearly 600 common attacker techniques