

# SUNBURST indicator detection in QRadar

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This week, and based on current information as of the time of publication, [SolarWinds announced a cyberattack](#) that inserted a vulnerability into the SolarWinds® Orion® Platform software builds for versions 2019.4 HF 5, 2020.2 with no hotfix installed, and 2020.2 HF 1. This vulnerability could enable an attacker to compromise the server(s) on which SolarWinds runs, and thus gain a foothold in the victim's network. Post compromise, the attacker can conduct lateral movement, data exfiltration and other threat activity.

The United States Cybersecurity and Infrastructure Security Agency (CISA) has published [Emergency Directive 21-101](#), advising Federal agencies to disconnect or power down all SolarWinds Orion products until further notice.

As with the ['FireEye Red Team Tools detection in QRadar' blog](#), in this blog we'll provide guidance that can help you use QRadar to respond quickly.

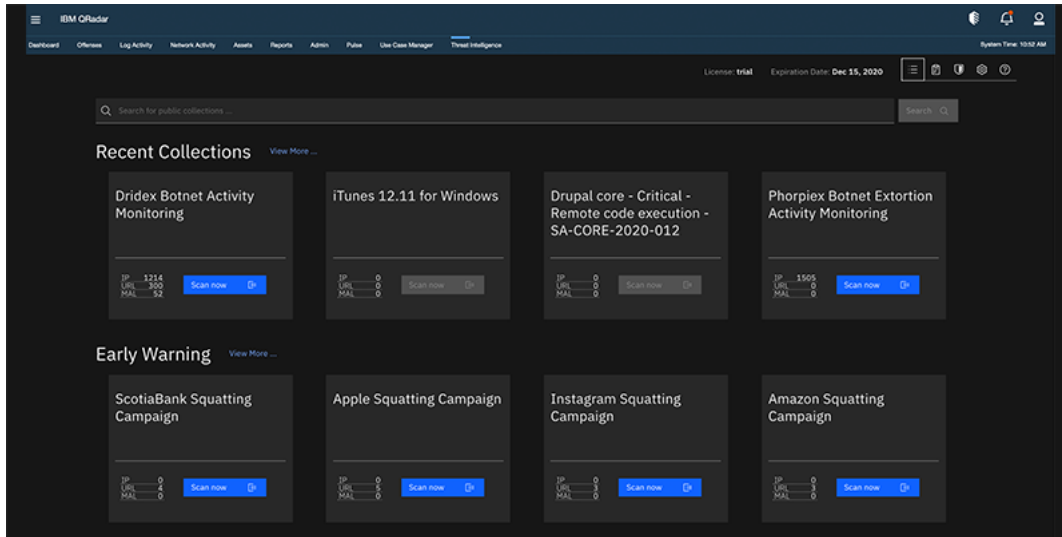
This blog will cover the following topics and content extensions:

- Threat Intelligence
- Snort Rules
  - [IBM Security QRadar Custom Properties for Snort](#)
- MD5, SHA-1 and SHA-256
- Pipe creation and Sysmon
  - [IBM QRadar Custom Properties for Microsoft Windows](#)
- Endpoint content extension
  - [IBM QRadar Endpoint Content Extension](#)
  - [IBM QRadar Custom Properties for Microsoft Windows](#)
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- Threat Monitoring Content Extension
  - [IBM QRadar Security Threat Monitoring Content Extension](#)

## Threat Intelligence

IBM Security X-Force researchers published a [collection of IOCs](#), including malicious file hashes, IP addresses and URLs, connected to this on-going threat. These IOCs can easily be brought into QRadar using the [Threat Intelligence App](#), which can be downloaded either from [IBM Security App Exchange](#) or natively via the [QRadar Assistant](#). Threat indicators can be added to a reference set so that they can be used within building blocks, rules and searches to detect the presence of these IOCs within your environment. Public X-Force Collections, including this one, are free to existing QRadar customers.

QRadar customers who also subscribe to the IBM Security X-Force [Advanced Threat Protection Feed](#) have access to a built-in "Am I Affected?" featured with the Threat Intelligence app. This tool can be used in tandem with other forms of threat intelligence that may become available in this developing situation to help assess known IOCs. With this subscription, new X-Force collections are loaded directly into QRadar, and users can simply click 'Scan now' to automatically search for all IOCs associated with a collection. The query results will show you which systems and users may have been connected to this threat, assisting you to initiate investigation, remediation and response.



If you do not currently subscribe to the Advanced Threat Protection Feed, a [30-day free trial](#) is available.

## Snort Rules

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Once again, FireEye and Cisco Talos teams provided a new set of Snort rules to implement. QRadar users can easily create a new rule based on these signatures, correlate these insights with other events, or optionally be alerted directly via email. The steps to implement this are:

1. Install the [IBM Security QRadar Custom Properties for Snort](#) content extension
2. Create a new Event rule

Apply **Sunburst - Snort Rules** on events which are detected by the Local system and when the event(s) were detected by one or more of **Snort Open Source IDS** and when the event matches "**Rule ID**" in

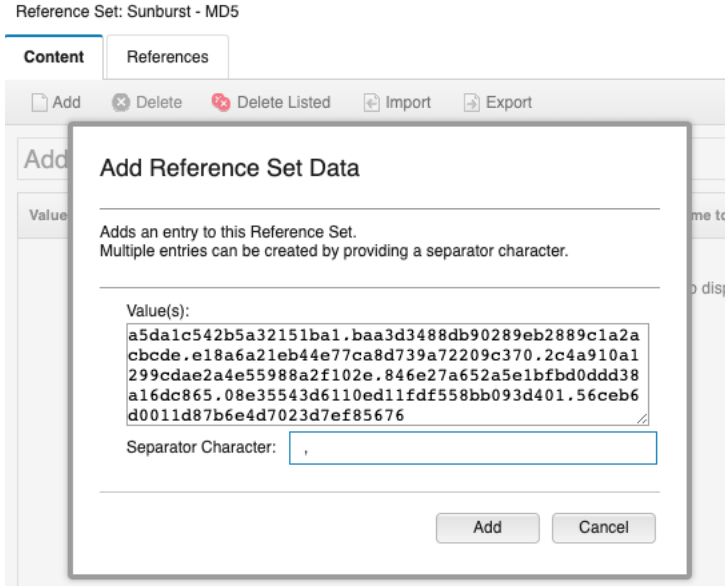
**(77600832,77600833,77600842,77600843,77600844,77600845,77600846,77600847,77600848,77600850,77600851,77600852,77600853,77600854,77600855,77600856,77600857,77600858,77600859,77600860,77600861,77600862,77600863,77600864,77600865,77600866,77600867,77600868,77600869,77600870,77600871,77600872,77600873,77600874,77600875,77600876,77600877,77600878,77600879,77600880,77600881,77600882,77600883,77600884,77600885,77600886,77600887,77600888,77600889,77600890,77600891,77600892,77600893,77600894,77600895,77600896,77600897,77600898,77600899,77600900,77600901,77600902,77600903,77600904,77600905,77600906,77600907,77600908,77600909,77600910,77600911,77600912,77600913,77600914,77600915,77600916,77600917,77600918,77600919,77600920,77600921,77600922,77600923,77600924,77600925,77600926,77600927,77600928,77600929,77600930,77600931,77600932,77600933,77600934,77600935,77600936,77600937,77600938,77600939,77600940,77600941,77600942,77600943,77600944,77600945,77600946,77600947,77600948,77600949,77600950,77600951,77600952,77600953,77600954,77600955,77600956,77600957,77600958,77600959,77600960,77600961,77600962,77600963,77600964,77600965,77600966,77600967,77600968,77600969,77600970,77600971,77600972,77600973,77600974,77600975,77600976,77600977,77600978,77600979,77600980,77600981,77600982,77600983,77600984,77600985,77600986,77600987,77600988,77600989,77600990,77600991,77600992,77600993,77600994,77600995,77600996,77600997,77600998,77600999,77601000)**  
**AQL filter query**

## MD5, SHA-1 and SHA-256

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We talked about it, file hashes are a great source to improve threat detection. Once again, you can have a quick implementation by enabling detection with MD5, SHA-1 and SHA-256 through three reference sets and one custom rule.

1. Create three Reference Sets, one per hash type, and populate them with the [Sunburst\\_md5](#), [Sunburst\\_sha1](#), [Sunburst\\_sha256](#) files (comma separated).



Name	Type	Number of Elements	Associ
Sunburst - MD5	AlphaNumeric	11	0
Sunburst - SHA1	AlphaNumeric	11	0
Sunburst - SHA256	AlphaNumeric	11	0

2. Install content extensions containing Hash properties or create your own.  
On the App Exchange, you can find MD5, SHA-1 and SHA-256 parsed for the following devices:  
[Carbon Black Response](#), [Cisco AMP](#), [McAfee ePolicy Orchestrator](#), [Microsoft Windows Defender ATP](#), [Microsoft Windows Security Event Log](#)
3. Create a rule that tests the Custom Properties *MD5 Hash*, *Parent MD5*, *SHA1 Hash*, *Parent SHA1 Hash*, *SHA256 Hash*, *Parent SHA256 Hash* against the new Reference Sets.

Apply **Sunburst - Tools Hash** on events which are detected by the Local system and when the event(s) were detected by one or more of **Carbon Black Response**, **Cisco AMP**, **McAfee ePolicy Orchestrator**, **Microsoft Windows Defender ATP**, **Microsoft Windows Security Event Log** and when the event matches ("MD5 Hash" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - MD5", "MD5 Hash")) OR ("Parent MD5" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - MD5", "Parent MD5")) OR ("SHA1 Hash" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - SHA1", "SHA1 Hash")) OR ("Parent SHA1 Hash" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - MD5", "Parent SHA1 Hash")) OR ("SHA256 Hash" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - SHA256", "SHA256 Hash")) OR ("Parent SHA256 Hash" IS NOT NULL AND REFERENCESETCONTAINS("Sunburst - SHA256", "Parent SHA256 Hash")) AQL filter query

Enter an AQL filter query:

```
["MD5 Hash" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - MD5', "MD5 Hash")]
OR ["Parent MD5" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - MD5', "Parent MD5")]
OR ["SHA1 Hash" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - SHA1', "SHA1 Hash")]
OR ["Parent SHA1 Hash" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - MD5', "Parent SHA1 Hash")]
OR ["SHA256 Hash" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - SHA256', "SHA256 Hash")]
OR ["Parent SHA256 Hash" IS NOT NULL AND REFERENCESETCONTAINS('Sunburst - SHA256', "Parent SHA256 Hash")]
```

## Pipe creation and Sysmon

In the blog published by FireEye regarding SUNBURST, there is a mention about the creation of a pipe named `583da945-62af-10e8-4902-a8f205c72b2e` as one of the “delivery and installation” mechanism:

The sample only executes if the filesystem write time of the assembly is at least 12 to 14 days prior to the current time; the exact threshold is selected randomly from an interval. The sample continues to check this time threshold as it is run by a legitimate recurring background task. Once the threshold is met, the sample creates the named pipe 583da945-62af-10e8-4902-a8f205c72b2e to act as a guard that only one instance is running before reading SolarWinds.Orion.Core.BusinessLayer.dll.config from disk and retrieving the XML field appSettings. The appSettings fields' keys are legitimate values that the malicious logic re-purposes as a persistent configuration. The key ReportWatcherRetry must be any value other than 3 for the sample to continue execution.

Source: [Highly Evasive Attacker Leverages SolarWinds Supply Chain to Compromise Multiple Global Victims With SUNBURST Backdoor](#)

If you are collecting Sysmon logs, you have another opportunity for a quick way to detect another IOC.

1. Download the [IBM QRadar Custom Properties for Microsoft Windows](#) content extension
2. Create a rule that detects the pipe name mentioned in the blog

Apply **Sunburst - Pipe Name** on events which are detected by the Local system and when the event(s) were detected by one or more of **Microsoft Windows Security Event Log** and when the event **QID is one of the following (5001836) PipeEvent (Pipe Created)** and when the event matches **PipeName (custom) is any of 583da945-62af-10e8-4902-a8f205c72b2e**

## Endpoint content extension

This time I will be quick with this one, but I wanted to renew my recommendation to download the latest version of the Endpoint content pack.

The pack has been built to detect lateral movement, reconnaissance tools, help to make the difference between a legitimate administration task from a suspicious one... All these behaviour have been mentioned in all the blogs you've read on the topic so far.

Below is the list of the rules (excluding building blocks) present in the Endpoint content extension

Attempt to Delete Shadow Copies	Ransomware IOCs Detected on Multiple Machines
Cobalt Strike Behaviour Detected	Ransomware: BadRabbit IOC in Events
Communication with a Potential Hostile Host	Ransomware: BadRabbit IOC in Flows
Communication with a Potential Hostile IP Address	Ransomware: Maze IOC in Events
Credential Dumping Activities Discovered	Ransomware: Maze Suspicious File Transfer
Critical File Deleted (Unix)	Ransomware: Petya / NotPetya IOC in Events
Critical File Permission Changed (Unix)	Ransomware: Petya / NotPetya IOC in Flows
Critical Security Tool Killed (Unix)	Ransomware: Petya / NotPetya Payload in Flows
Critical Security Tool Stopped	Ransomware: REvil IOC in Events
Detection of Malicious File or Process	Ransomware: WCry IOC in Events
Detection of Malicious IOC	Ransomware: WCry IOC in Flows
Excessive Failed Access to an Administrative Share from the Same Source	Ransomware: WCry Payload in Flows
Excessive File Deletion and Creation	RDP Hijacking Tool Detected
Excessive Login Failures via RDP	Recommended Blocked Process is Running
Excessive Login Failures via RDP to Multiple Machines	Reconnaissance Tool Detected
Excessive Nslookup Usage	Recovery Disabled in Boot Configuration Data
File Created with Right to Left Override	Search for Password Files using findstr (Windows)
File Created with Space After Filename	Search for Password Files using grep or find (Unix)
File Decode or Download followed by Suspicious Activity	Search for Password Files using Select-String (Windows)
Potential Component Object Model (COM) Hijacking	SharpHound PowerShell Detected
Potential DLL Hijacking	Suspicious Activity Followed by Endpoint Administration Task
Potential Malicious Application Shimming	Suspicious Amount of Files Deleted on the Same Machine

Process Masquerading (Unix)

Suspicious Amount of Files Renamed on the Same Machine (Windows)

Process Masquerading (Windows)

Suspicious Amount of Files Renamed/Moved on the Same Machine (Unix)

Programming Environment Spawned by a Suspicious Process

User Account Creation followed by Account Deletion (Unix)

Ransomware Decryption Instructions Created

User Account Creation followed by Account Deletion (Windows)

Ransomware Encrypted File Extension

All these rules provide a wide spectrum of detection capabilities

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command and Control	Exfiltration	Impact
Drive-by Compromise	AppleScript	bash_profile and .bashrc	Access Token Manipulation	Access Token Manipulation	Account Manipulation	Account Discovery	AppleScript	Audio Capture	Commonly Used Port	Automated Exfiltration	Account Access Removal
Exploit Public-Facing Application	CHSTP	Accessibility Features	Accessibility Features	BITS Sides	Search History	Application Window Discovery	Application Deployment Software	Automated Collection	Communication Through Removable Media	Data Compressed	Data Destruction
External Remote Services	Command-Line Interface	Account Manipulation	AppCert DLLs	Binary Padding	Brute Force	Browser Bookmark Discovery	Component Object Model and Distributed COM	Clipboard Data	Connection Proxy	Data Encrypted	Stage Encrypted PPT Impact
Hardware Additions	Compiled HTML File	AppCert DLLs	AppCert DLLs	Bypass User Account Control	Credential Dumping	File and Directory Discovery	Exploitation of Remote Services	Data Staged	Custom Command and Control Protocol	Data Transfer Size Limits	Defacement
Replication Through Removable Media	Component Object Model and Distributed COM	AppCert DLLs	Application Shimming	CHSTP	Credentials from Web Browsers	Domain Trust Discovery	Internal Spearphishing	Data from Information Repositories	Custom Cryptographic Protocol	Exfiltration Over Alternative Protocol	Disk Content Wipe
Spearphishing Attachment	Control Panel Items	Application Shimming	Bypass User Account Control	Clear Command History	Credentials in Files	Network Service Scanning	Login Scripts	Data from Local System	Data Encoding	Exfiltration Over Command and Control Channel	Disk Structure Wipe
Spearphishing Link	Dynamic Data Exchange	Authentication Package	DLL Search Order Hijacking	Code Signing	Credentials in Registry	Network Share Discovery	Pass the Hash	Data from Network Shared Drive	Data Obfuscation	Exfiltration Over Other Network Medium	Endpoint Denial of Service
Spearphishing via Service	Execution through API	BITS Jobs	Dylo Hijacking	Compile After Delivery	Exploitation for Credential Access	Network Sniffing	Pass the Ticket	Data from Removable Media	Domain Forwarding	Exfiltration Over Physical Medium	Firmware Corruption
Supply Chain Compromise	Execution through Module Load	Books	Elevated Execution with Pragma	Compiled HTML File	Forced Authentication	Password Policy Discovery	Remote Desktop Protocol	Email Collection	Domain Generation Algorithms	Scheduled Transfer	Staged System Recovery
Trusted Relationship	Exploitation for Client Execution	Browser Extensions	Emوند	Component Firmware	Hooking	Peripheral Device Discovery	Remote File Copy	Input Capture	Fallback Channels	Network Denial of Service	Resource Hijacking
Valid Accounts	Graphical User Interface	Change Default File Association	Exploitation for Privilege Escalation	Component Object Model Hijacking	Input Capture	Permission Groups Discovery	Remote Services	Man in the Browser	Multi-Stage Channels	Network Denial of Service	Resource Hijacking
	InstallUI	Component Firmware	Extra Window Memory Injection	Connection Proxy	Input Prompt	Process Discovery	Replication Through Removable Media	Screen Capture	Multi-Hop Proxy	Run-time Data Manipulation	Service Stop
	LSASS Driver	Component Object Model Hijacking	File System Permissions Abuse/MS	Control Panel Items	Kerberoasting	Query Registry	SSN Hijacking	Video Capture	Multiband Communication	Service Stop	Stored Data Manipulation
	Launchctl	Create Account	Hooking	ICache	Keychain	Remote System Discovery	Shared Webroot		Multi-layer Encryption	System Shutdown/Reboot	Transmitted Data Manipulation
	Local Job Scheduling	DLL Search Order Hijacking	Image File Execution Options Injection	DLL Search Order Hijacking	LLNMR/NET-MS Poisoning and Relay	Security Software Discovery	Taint Shared Content		Port Knocking	System Shutdown/Reboot	Transmitted Data Manipulation
	Maha	Dylo Hijacking	Launch Daemon	DLL Side-Loading	Network Sniffing	Software Discovery	Third-party Software		Remote Access Tools	System Shutdown/Reboot	Transmitted Data Manipulation
	PowerShell	Emوند	New Service	Executable/Device Files or Information	Password Filter DLL	System Information Discovery	Windows Admin Shares		Remote File Copy	System Shutdown/Reboot	Transmitted Data Manipulation
	Regsvcs/Regasm	External Remote Services	Parent PID Spoofing	Disabling Security Tools	Private Keys	System Network Configuration Discovery	Windows Remote Management		Standard Application Layer Protocol	System Shutdown/Reboot	Transmitted Data Manipulation
	Regsvr32	File System Permissions Weakness	Path Interception	Execution Guards	Secured Memory	System Network Configuration Discovery	Windows Remote Management		Standard Cryptographic Protocol	System Shutdown/Reboot	Transmitted Data Manipulation
	RunDll32	Hidden Files and Directories	PIST Modification	Exploitation for Defense Evasion	Steal Web Session Cookie	System Owner/User Discovery			Standard Non-Application Layer Protocol	System Shutdown/Reboot	Transmitted Data Manipulation
	Scheduled Task	Hooking	Port Monitors	Extra Window Memory Injection	Two-Factor Authentication Interception	System Software Discovery			Uncommonly Used Port	System Shutdown/Reboot	Transmitted Data Manipulation
	Scripting	Hypervisor	PowerShell Profile	File Deletion		System Time Discovery			Web Service	System Shutdown/Reboot	Transmitted Data Manipulation
	Service Execution	Image File Execution Options Injection	Process Injection	File System Logical Offsets		Virtualization/Sandbox Evasion				System Shutdown/Reboot	Transmitted Data Manipulation
	Signed Binary Proxy Execution	Kernel Modules and Extensions	SID-History Injection	Filtered/Directory Permissions Modification						System Shutdown/Reboot	Transmitted Data Manipulation
	Signed Script Proxy Execution	LC_LOAD_DLLB Addition	Scheduled Task	Gatekeeper Bypass						System Shutdown/Reboot	Transmitted Data Manipulation
	Source	LSASS Driver	Service Registry Permissions Weakness	Group Policy Modification						System Shutdown/Reboot	Transmitted Data Manipulation
	Space after Filename	Launch Agent	Setuid and Sargid	HISTCONTROL						System Shutdown/Reboot	Transmitted Data Manipulation
	Web Shell Software	Launch Daemon	Startup Items	Hidden Files and Directories						System Shutdown/Reboot	Transmitted Data Manipulation
	Trap	Launchctl	Sudo	Hidden Users						System Shutdown/Reboot	Transmitted Data Manipulation
	Trusted Developer Utilities	Local Job Scheduling	Sudo Caching	Hidden Window						System Shutdown/Reboot	Transmitted Data Manipulation

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command and Control	Exfiltration	Impact
Trusted Developer Utilities	Local Job Scheduling		Sudo Caching	Hidden Window							
User Execution	Login Item		Valid Accounts	Image File Execution Options Injection							
Windows Management Instrumentation	Login Scripts		Web Shell	Indicator Blocking							
Windows Remote Management	Modify Existing Service			Indicator Removal from Tools							
XSL Script Processing	Netsh Helper DLL			Indicator Removal on Host							
	New Service			Indirect Command Execution							
	Office Application Startup			Initial Root Certificate							
	Path Interception			InstallUI							
	PIST Modification			LC_MAIN Hijacking							
	Port Knocking			Launchctl							
	Port Monitors			Masking							
	PowerShell Profile			Modify Registry							
	Rc-common			Maha							
	Re-opened Applications			NTPS File Attributes							
	Redundant Access			Network Share Connection Removal							
	Registry Run Keys / Startup Folder			Obfuscated Files or Information							
	SIP and Trust Provider Hijacking			Parent PID Spoofing							
	Scheduled Task			PIST Modification							
	Screensaver			Port Knocking							
	Security Support Provider			Process Doppelganging							
	Server Software Component			Process Hollowing							
	Service Registry Permissions Weakness			Process Injection							
	Setuid and Sargid			Redundant Access							
	Shortcut Modification			Regsvcs/Regasm							
	Startup Items			Regsvr32							
	System Firmware			Rootkit							
	System Service			RunDll32							
	Time Providers			SIP and Trust Provider Hijacking							
	Trap			Scripting							
	Valid Accounts			Signed Binary Proxy Execution							
	Web Shell			Signed Script Proxy Execution							
	Windows Management Instrumentation Event Subscription			Software Packing							
	Winlogon Helper DLL			Space after Filename							
				Template Injection							

Please refer to the documentation for more information on each rule. You can also refer to the [Endpoint](#) dedicated blog to have a better understanding of the implementation of some use cases.

## Threat Monitoring Content Extension

The multi-task pack ! This pack is mentioned last in this blog because it is certainly going to need some tuning to be adapted to what you are looking for, but it is definitely a good help to know where to go.

As an example, thanks to your endpoint security software, you can increase the visibility on a threat spreading through the network. Indeed, this extension contains a series of rules alerting on security software.

Same Threat Detected on Multiple Hosts	Threats	Custom Rule	Event
Same Threat Detected on Multiple Servers	Threats	Custom Rule	Event
Same Threat Detected on Same Host	Threats	Custom Rule	Event
Same Threat Detected on Same Network Different Hosts	Threats	Custom Rule	Event
SMB Traffic Permitted From a Compromised Host	Threats	Custom Rule	Event
Successful Communication to a Malicious Website	Threats	Custom Rule	Event

**Rule**

Apply Same Threat Detected on Multiple Hosts on events which are detected by the Local system and when an event matches any of the following BB:DeviceDefinition: AV/AM, BB:DeviceDefinition: IDS / IPS and NOT when an event matches any of the following BB:HostDefinition: Servers and when at least 5 events are seen with the same Threat Name (custom) and different Source Address in 5 minutes

All you have to do is to:

1. Ensure your device is listed in one of BB:DeviceDefinition: AV/AM or BB:DeviceDefinition: IDS / IPS Building blocks
2. Get the Threat Name parsed either by downloading one of our content extension, or creating your own extraction.

You can decide to duplicate the rules to focus the detection on SUNBURST specifically, and have a higher priority rule response (email, SNMP trap, vulnerability scan). Simply add a new filter to the original rule, catching the specific Threat Name reported by your product:

and when the event matches **Threat Name (custom) is any of Backdoor.Sunburst**

Please refer to your product documentation to get more information on the relevant detection name

DETECTION	DETAILS	RELATIONS	BEHAVIOR	COMMUNITY
Acronis		Suspicious	Ad-Aware	Trojan.Sunburst.A
AegisLab		Trojan.MSIL.SunBurst.mtc	AhnLab-V3	Backdoor.Win32.SunBurst.R357806
Alibaba		Backdoor.MSIL/SunBurst.912985be	ALYac	Trojan.MSIL.SunBurst
Antiy-AVL		Trojan[Backdoor]/MSIL.Agent	Arcabit	Trojan.Sunburst.A
Avast		MSIL:SunBurst-B [Bd]	AVG	MSIL:SunBurst-B [Bd]
Avira (no cloud)		TR/Sunburst.AO	BitDefender	Trojan.Sunburst.A
CAT-QuickHeal		Backdoor.Sunburst	ClamAV	Win.Countermeasure.Sunburst-9809152-0
Comodo		Backdoor@#31fsrqrvupvfx	CrowdStrike Falcon	Win/malicious_confidence_100% (W)
Cylance		Unsafe	Cynet	Malicious (score: 85)
Cyren		W32/Trojan.BCCG-2955	DrWeb	BackDoor.SiggenNET.14
Elastic		Malicious (high Confidence)	Emsisoft	Trojan.Win32.Sunburst (A)
eScan		Trojan.Sunburst.A	ESET-NOD32	A Variant Of MSIL/SunBurst.A
F-Secure		Trojan:W32/Sunburst.D	FireEye	Trojan.Sunburst.A

**Conclusion**

The above steps can enable you to easily take advantage of the publicly available IOCs and Countermeasures to detect indicators of the SUNBURST threat within your environment. All of the QRadar apps, custom properties and content extensions mentioned above are available free of charge to all QRadar customers and can be downloaded either from the IBM Security App Exchange or natively via QRadar Assistant.

As usual, we build content for you, to save you time and effort, a content that you can use as a base and adapt to your environment and your needs. Don't hesitate to give us any feedback or ideas, tell us what you need.

If you are directly impacted and in need of expert assistance, you can contact the IBM Security X-Force Incident Response team, who is available to assist 24x7, at US hotline 1-888-241-9812 | Global hotline (+001) 312-212-8034.

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