

about

# Printnightmare Attack Map 1 by Joas

domain

# Enterprise ATT&CK v9

platforms

# Windows, PRE, Network

Reconnaissance	Resource Development	Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command and Control	Exfiltration	Impact
<b>Active Scanning</b>	Acquire Infrastructure	<b>Drive-by Compromise</b>	<b>Command and Scripting Interpreter</b>	<b>Account Manipulation</b>	<b>Abuse Elevation Control Mechanism</b>	<b>Abuse Evasion Control Mechanism</b>	<b>Brute Force</b>	<b>Account Discovery</b>	Exploitation of Remote Services	Archive Collected Data	Application Layer Protocol	<b>Automated Exfiltration</b>	Account Access Removal
Gather Victim Host Information	<b>Compromise Accounts</b>	<b>Exploit Public-Facing Application</b>	Exploitation for Client Execution	<b>BITS Jobs</b>	<b>Access Token Manipulation</b>	<b>Access Token Manipulation</b>	Credentials from Password Stores	Application Window Discovery	<b>Internal Spearphishing</b>	Audio Capture	Communication Through Removable Media	Data Transfer Size Limits	Data Destruction
Gather Victim Identity Information	Compromise Infrastructure	External Remote Services	Inter-Process Communication	Boot or Logon Autostart Execution	Boot or Logon Autostart Execution	Boot or Logon Autostart Execution	Exploitation for Credential Access	Browser Bookmark Discovery	Lateral Tool Transfer	Automated Collection	Data Encoding	Exfiltration Over Alternative Protocol	<b>Data Encrypted for Impact</b>
Gather Victim Network Information	Develop Capabilities	<b>Hardware Additions</b>	<b>Native API</b>	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Deobfuscate/Decode Files or Information	Forced Authentication	Domain Trust Discovery	<b>Remote Service Session Hijacking</b>	Clipboard Data	Data Obfuscation	<b>Exfiltration Over C2 Channel</b>	Data Manipulation
Gather Victim Org Information	<b>Establish Accounts</b>	<b>Phishing</b>	<b>Scheduled Task/Job</b>	Browser Extensions	Create or Modify System Process	Direct Volume Access	Forge Web Credentials	File and Directory Discovery	<b>Remote Services</b>	Data from Configuration Repository	Dynamic Resolution	Exfiltration Over Other Network Medium	Defacement
Phishing for Information	Social Media Accounts	Replication Through Removable Media	Shared Modules	Compromise Client Software Binary	Domain Policy Modification	Domain Policy Modification	Input Capture	<b>Network Service Scanning</b>	Replication Through Removable Media	Data from Information Repositories	Encrypted Channel	Exfiltration Over Physical Medium	Disk Wipe
Search Closed Sources	<b>Email Accounts</b>	Supply Chain Compromise	Software Deployment Tools	<b>Create Account</b>	Escape to Host	Execution Guardrails	Man-in-the-Middle	Network Share Discovery	Software Deployment Tools	Data from Local System	Fallback Channels	Exfiltration Over Web Service	Endpoint Denial of Service
Search Open Technical Databases	Obtain Capabilities	Trusted Relationship	System Services	Create or Modify System Process	Event Triggered Execution	Exploitation for Defense Evasion	Modify Authentication Process	Password Policy Discovery	Taint Shared Content	Data from Network Shared Drive	Ingress Tool Transfer	<b>Scheduled Transfer</b>	Firmware Corruption
Search Open Websites/Domains	<b>Stage Capabilities</b>	<b>Valid Accounts</b>	User Execution	Event Triggered Execution	Exploitation for Privilege Escalation	File and Directory Permissions Modification	<b>Network Sniffing</b>	Peripheral Device Discovery	Use Alternate Authentication Material	Data from Removable Media	Multi-Stage Channels		Inhibit System Recovery
Search Victim-Owned Websites			Windows Management Instrumentation	External Remote Services	<b>Hijack Execution Flow</b>	Hide Artifacts	OS Credential Dumping	Permission Groups Discovery		Data Staged	Non-Application Layer Protocol		Network Denial of Service
				<b>Hijack Execution Flow</b>	<b>Process Injection</b>	<b>Hijack Execution Flow</b>	Steal or Forge Kerberos Tickets	Process Discovery		Email Collection	Non-Standard Port		<b>Resource Hijacking</b>
				Modify Authentication Process	<b>Scheduled Task/Job</b>	Impair Defenses	Steal Web Session Cookie	Query Registry		Input Capture	Protocol Tunneling		Service Stop
				Office Application Startup	<b>Valid Accounts</b>	Indicator Removal on Host	Two-Factor Authentication Interception	Remote System Discovery		Man in the Browser	Proxy		System Shutdown/Reboot
				Pre-OS Boot		Indirect Command Execution	Unsecured Credentials	Software Discovery		Man-in-the-Middle	Remote Access Software		
				<b>Scheduled Task/Job</b>		Masquerading		System Information Discovery		Screen Capture	Traffic Signaling		
				Server Software Component		Modify Authentication Process		System Location Discovery		Video Capture	Web Service		
				Traffic Signaling		Modify Registry		System Network Configuration Discovery					
				<b>Valid Accounts</b>		Modify System Image		System Network Connections Discovery					
						Network Boundary Bridging		System Owner/User Discovery					
						Obfuscated Files or Information		System Service Discovery					
						Pre-OS Boot		System Time Discovery					
						<b>Process Injection</b>		Virtualization/Sandbox Evasion					
						Rogue Domain Controller							
						<b>Rootkit</b>							
						Signed Binary Proxy Execution							
						Signed Script Proxy Execution							
						Subvert Trust Controls							
						Template Injection							
						Traffic Signaling							
						Trusted Developer Utilities Proxy Execution							
						Use Alternate Authentication Material							
						<b>Valid Accounts</b>							
						Virtualization/Sandbox Evasion							
						Weaken Encryption							
						XSL Script Processing							