

Lumeta

Enterprise ATT&CK v9

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