

T1133 - External Remote Services

Description from ATT&CK

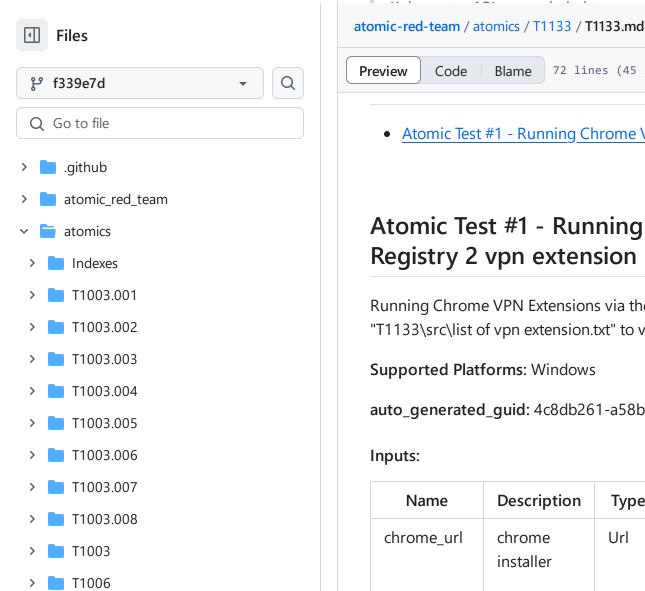
Adversaries may leverage external-facing remote services to initially access and/or persist within a network. Remote services such as VPNs, Citrix, and other access mechanisms allow users to connect to internal enterprise network resources from external locations. There are often remote service gateways that manage connections and credential authentication for these services. Services such as [Windows Remote Management](https://attack.mitre.org/techniques/T1021/006) and [VNC] (https://attack.mitre.org/techniques/T1021/005) can also be used externally.(Citation: MacOS VNC software for Remote Desktop)

Access to Valid Accounts to use the service is often a requirement, which could be obtained through credential pharming or by obtaining the credentials from users after compromising the enterprise network.(Citation: Volexity Virtual Private Keylogging) Access to remote services may be used as a redundant or persistent access mechanism during an operation.

Access may also be gained through an exposed service that doesn't require authentication. In containerized environments, this may include an exposed Docker API,

↑ Top

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Atomic Test #1 - Running Chrome VPN Extensions via the Registry 2 vpn extension

72 lines (45 loc) · 3.74 KB

Atomic Test #1 - Running Chrome VPN Extensions via the Registry 2 vpn extension

Running Chrome VPN Extensions via the Registry install 2 vpn extension, please see "T1133\src\list of vpn extension.txt" to view complete list

Supported Platforms: Windows

auto_generated_guid: 4c8db261-a58b-42a6-a866-0a294deedde4

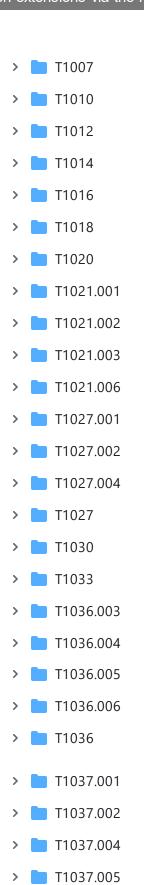
Inputs:

Preview

Code

Blame

| Name | Description | Туре | |
|------------|---------------------|------|---|
| chrome_url | chrome installer | Url | https://dl.google.com/tag/s/appguid%3D%7B8AC7744738E422%7D%26lang%3Den%26browse |



> T1039

> T1040

| | download URL | | stable-statsdef_1%26installdataindex%3De | <u>empty</u> | | | | |
|---|---|----------|---|--------------|--|--|--|--|
| extension_id | chrome extension id | String | "fcfhplploccackoneaefokcmbjfbkenj", "fdcg | jdnkic | | | | |
| Attack Comman | 1! Elevation Required (e.g. root or admin) | | | | | | | |
| <pre>\$extList = #{extension_id} foreach (\$extension in \$extList) { New-Item -Path HKLM:\Software\Wow6432Node\Google\Chrome\Extensions' New-ItemProperty -Path "HKLM:\Software\Wow6432Node\Google\Chrome\Extensions' Start chrome Start-Sleep -Seconds 30 Stop-Process -Name "chrome"</pre> | | | | | | | | |
| Cleanup Commands: | | | | | | | | |
| foreach (\$ext | {extension_id} tension in \$ex -Path "HKLM:\S | tList) { | Wow6432Node\Google\Chrome\Extensions\\$ | O. | | | | |
| Dependencies: Run with powershell! | | | | | | | | |
| Description: Chrome must be installed | | | | | | | | |
| Check Prereq Commands: | | | | | | | | |
| if ((Test-Par | th "C:\Program | Files\G | oogle\Chrome\Application\chrome.exe") | C | | | | |
| Get Prereq Comma | ands: | | | | | | | |

Invoke-WebRequest -OutFile \$env:temp\ChromeStandaloneSetup64.exe #{chrom 🖵

Start-Process \$env:temp\ChromeStandaloneSetup64.exe /S