

Product

▼

Solutions

▼

Resources

▼

Open Source

▼

Enterprise

▼

Pricing

redcanaryco

/ atomic-red-team

Public

Notifications

Fork

2.8k

Star

9.7k

<> Code

Issues

6

Pull requests

5

Actions

Wiki

Security

Insights

atomic-red-team / atomics / T1021.006 / T1021.006.md

CircleCI Atomic Red Team doc...

Generate docs from job=genera...

7091fa8 · 2 years ago

History

T1021.006 - Windows Remote Management

Description from ATT&CK

Adversaries may use [Valid Accounts](https://attack.mitre.org/techniques/T1078) to interact with remote systems using Windows Remote Management (WinRM). The adversary may then perform actions as the logged-on user. WinRM is the name of both a Windows service and a protocol that allows a user to interact with a remote system (e.g., run an executable, modify the Registry, modify services).(Citation: Microsoft WinRM) It may be called with the winrm command or by any number of programs such as PowerShell.(Citation: Jacobsen 2014) WinRM can be used as a method of remotely interacting with Windows Management Instrumentation.(Citation: MSDN WMI)

Atomic Tests

Atomic Test #1 - Enable Windows Remote Management

Atomic Test #2 - Invoke-Command

Atomic Test #3 - WinRM Access with Evil-WinRM

Atomic Test #1 - Enable Windows Remote Management

Powershell Enable WinRM

Upon successful execution, powershell will "Enable-PSRemoting" allowing for remote PS access.

Supported Platforms: Windows

atomic-red-team / atomics / T1021.006 / T1021.006.md

↑ Top

Preview

Code

Blame

139 lines (72 loc) · 3.64 KB

Raw

Enable-PSRemoting -Force

Atomic Test #2 - Invoke-Command

Execute Invoke-command on remote host.

Files

f339e7d

Go to file

> .github






















> atomic_red_team

















> atomics

> Indexes

> T1003.001

Page 1 of 3

- >  T1003.002
- >  T1003.003
- >  T1003.004
- >  T1003.005
- >  T1003.006
- >  T1003.007
- >  T1003.008
- >  T1003
- >  T1006
- >  T1007
- >  T1010
- >  T1012
- >  T1014
- >  T1016
- >  T1018
- >  T1020
- >  T1021.001
- >  T1021.002
- >  T1021.003
- >  T1021.006
-  T1021.006.md

 T1021.006.yaml
- >  T1027.001
- >  T1027.002
- >  T1027.004
- >  T1027
- >  T1030
- >  T1033
- >  T1036.003
- >  T1036.004
- >  T1036.005
- >  T1036.006
- >  T1036
- >  T1037.001
- >  T1037.002
- >  T1037.004
- >  T1037.005

Upon successful execution, powershell will execute ipconfig on localhost using `invoke-command` .

Supported Platforms: Windows

auto_generated_guid: 5295bd61-bd7e-4744-9d52-85962a4cf2d6

Inputs:

Name	Description	Type	Default Value
host_name	Remote Windows Host Name	String	localhost
remote_command	Command to execute on remote Host	String	ipconfig

Attack Commands: Run with `powershell` !

```
invoke-command -ComputerName #{host_name} -scriptblock #{remote_command}
```

Atomic Test #3 - WinRM Access with Evil-WinRM

An adversary may attempt to use Evil-WinRM with a valid account to interact with remote systems that have WinRM enabled

Supported Platforms: Windows

auto_generated_guid: efe86d95-44c4-4509-ae42-7bfd9d1f5b3d

Inputs:

Name	Description	Type	Default Value
user_name	Username	String	Domain\Administrator
destination_address	Remote Host IP or Hostname	String	Target
password	Password	String	P@ssw0rd1

Attack Commands: Run with `powershell` ! Elevation Required (e.g. root or admin)

```
evil-winrm -i #{destination_address} -u #{user_name} -p #{password}
```

Dependencies: Run with `powershell` !

Description: Computer must have Ruby Installed

Check Prereq Commands:

```
try {if (ruby -v) {exit 0} else {exit 1}} catch {exit 1}
```

Get Prereq Commands:

```
Invoke-WebRequest -OutFile $env:Temp\rubyinstaller-2.7.1-1-x64.exe http
$file1= $env:Temp + "\rubyinstaller-2.7.1-1-x64.exe"
Start-Process $file1 /S;
```

Description: Computer must have Evil-WinRM installed

Check Prereq Commands:

```
try {if (evil-winrm -h) {exit 0} else {exit 1}} catch {exit 1}
```



Get Prereq Commands:

```
gem install evil-winrm
```

