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History

T1056.002 - GUI Input Capture

Description from ATT&CK

Adversaries may mimic common operating system GUI components to prompt users for credentials with a seemingly legitimate prompt. When programs are executed that need additional privileges than are present in the current user context, it is common for the operating system to prompt the user for proper credentials to authorize the elevated privileges for the task (ex: [Bypass User Account Control] (<https://attack.mitre.org/techniques/T1548/002>)).

Adversaries may mimic this functionality to prompt users for credentials with a seemingly legitimate prompt for a number of reasons that mimic normal usage, such as a fake installer requiring additional access or a fake malware removal suite.(Citation: OSX Malware Exploits MacKeeper) This type of prompt can be used to collect credentials via various languages such as [AppleScript](#)(Citation: LogRhythm Do You Trust Oct 2014)(Citation: OSX Keydnep malware)(Citation: Spoofing credential dialogs) and [PowerShell](#).(Citation: LogRhythm Do You Trust Oct 2014)(Citation: Enigma Phishing for Credentials Jan 2015)(Citation: Spoofing credential dialogs) On Linux systems adversaries may launch dialog boxes prompting users for credentials from malicious shell scripts or the command line (i.e. [Unix Shell](#)).(Citation: Spoofing credential dialogs)

Atomic Tests

• [Atomic Test #1 - AppleScript - Prompt User for Password](#)

• [Atomic Test #2 - PowerShell - Prompt User for Password](#)

Atomic Test #1 - AppleScript - Prompt User for Password

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Preview

Code

Blame

75 lines (32 loc) · 3.3 KB

Raw

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Attack Commands: Run with **bash** !

osascript -e 'tell app "System Preferences" to activate' -e 'tell app "S

Files

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Go to file

> .github






































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Atomic Test #2 - PowerShell - Prompt User for Password

Prompt User for Password (Local Phishing) as seen in Stitch RAT. Upon execution, a window will appear for the user to enter their credentials.

Reference: <https://github.com/nathanlopez/Stitch/blob/master/PyLib/askpass.py>

Supported Platforms: Windows

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Attack Commands: Run with `powershell1` !

```
# Creates GUI to prompt for password. Expect long pause before prompt is
$cred = $host.UI.PromptForCredential('Windows Security Update', '',[Envi
# Using write-warning to allow message to show on console as echo and ot
write-warning $cred.GetNetworkCredential().Password
```