

3. run as an elevated user (SYSTEM, Administrator, ...)

several Windows versions.

After some testing we obtained and tested an extensive list of interesting CLSID's on

Juicy details

JuicyPotato allows you to:

• Target CLSID

pick any CLSID you want. Here you can find the list organized by OS.

• COM Listening port

define COM listening port you prefer (instead of the marshalled hardcoded 6666)

• COM Listening IP address

bind the server on any IP

• Process creation mode

depending on the impersonated user's privileges you can choose from:

- CreateProcessWithToken (needs SeImpersonate)
- CreateProcessAsUser (needs SeAssignPrimaryToken)
- o both

Process to launch

launch an executable or script if the exploitation succeeds

• Process Argument

customize the launched process arguments

RPC Server address

for a stealthy approach you can authenticate to an external RPC server

• RPC Server port

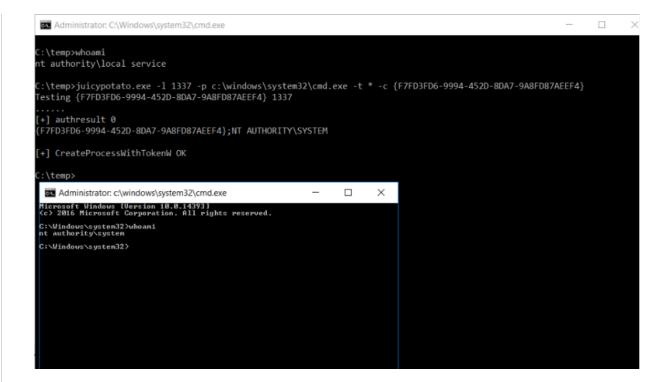
useful if you want to authenticate to an external server and firewall is blocking port 135 ...

• TEST mode

mainly for testing purposes, i.e. testing CLSIDs. It creates the DCOM and prints the user of token. See here for testing

Usage

Example



Final thoughts

If the user has SeImpersonate or SeAssignPrimaryToken privileges then you are SYSTEM.

It's nearly impossible to prevent the abuse of all these COM Servers. You could think to modify the permissions of these objects via DCOMCNFG but good luck, this is gonna be challenging.

The actual solution is to protect sensitive accounts and applications which run under the
* SERVICE accounts. Stopping DCOM would certainly inhibit this exploit but could
have a serious impact on the underlying OS.

Binaries build passing

An automatic build is available. Binaries can be downloaded from the Artifacts section here.

Also available in BlackArch.

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