CALLING ALL AGENTS!

Central Office has identified an opportunity to collect some much needed intelligence from a target of interest. Agents conducting surveillance on the target have found that he often forgets to lock his computer. With the right technical solution they should be able to gather enough intelligence and move the operation to the next phase.

The Central Office has requested that the OSS work to develop a solution that can be loaded on a USB drive to be used by the agents in the field to exploit the situation.

The following is the criteria:

1. Must operate on a machine running Windows 10 without web access.
2. Grabs the most recently viewed / edited documents from the system.
3. Cannot be detected by Symantec anti-virus at any stage of execution.
4. Leaves a minimal forensic artifact footprint on the target's computer. This can be accomplished via evasion or willful destruction of artifacts.
5. Intelligence collection must terminate after 2 minutes even if it’s not finished collecting the data.
6. Application self-destructs (during any stage of execution) after running for the 2 minutes.

NOTE: You MUST include documentation of the solution, ensuring to include its use and features.
Should Time Allow
Due to the urgent nature of the situation, time is of the essence.
However, our agents have expressed the need for the following bonus features:

#1
If the USB remains plugged in for more than 3 minutes then the drive should begin to completely wipe its contents (USB contents).

#2
Data stored on the USB drive is encrypted and unable to be read by anyone who may come into its possession. This should include filenames and anything else that might burn the agent should they get caught.

#3
Operationally useful graphical feedback / interface for the agents in the field.

OSS members will work in teams of two (2) or less to ensure that multiple solutions are developed independently in case there is an operational security leak. All efforts related to this mission need to be compartmentalized. Members are not authorized to enlist additional parties beyond their two member team.

The Schedule
June 1, 2016
Scenario Release & Registration Opens.

June 30, 2016
Competition Closes / Solutions and Documentation Due by 23:59:59

July 5, 2016
Day of CampX Briefings
Location: TBD
Cost: $5.00

CampX Briefings
The only way to attend the briefings is to have submitted a solution. Registration does not guarantee your attendance.

Participants will be presenting their solution and demonstrating it to the field agents. Presentation length will be announced the week before the close of the competition. Presentations are due the morning of the briefings.

Training will be conducted on surreptitious entry / physical penetration.
Prizes
First place prize will be (2) DefCon badges and (1) room.
(combined value: $1,500.00)

Top 5 placing teams will be awarded a full year OSS Membership, valued at $20.00.

All other prizes are to be determined.

You must submit a solution and attend the briefing in order to win.

Not an OSS Member?
This competition is free to sign up and open to all California State University, Fullerton Engineering and Computer Science students that are currently enrolled as students or have been enrolled in classes during this past 2016 Spring Semester.
(Proof may be required).

The top 5 placing teams that attend CampX will be awarded a full year OSS Membership, which costs $10.00 per semester, during the 2016 - 2017 academic school year.
CampX attendees will receive a discounted Fall 2016 OSS Membership that is covered by CampX Debriefing admission.

About OSS
The OSS, Offensive Security Society, is a student organization that places a strong emphasis on teaching our members offensive security. This provides our members with a high level of skill and experience in the field as a security expert.

Click here to Register for this challenge
Or navigate to this link: https://goo.gl/Y6Tbwp

Please note, this is NOT a government related exercise nor is there any real target. All subjects discussed are fictional and do not represent any real individuals or organizations.