

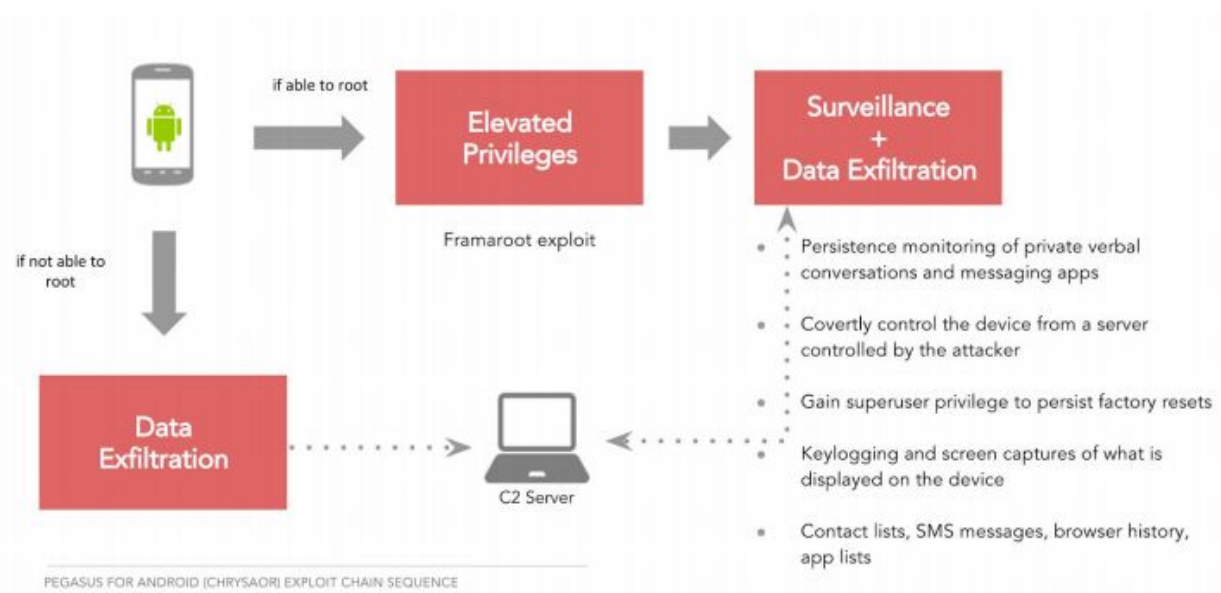
INTO TO CYBER – Final Project MEETING NOTES

Attendees: Raoul, Jabril, Omar, Alex, Andrew

VULNERABILITIES PROJECT IDEAS: Ddos, Ransomware, phishing, end – user education, CC Skimmer, Pegasus Malware

Desired Project: Pegasus Malware

<https://blog.lookout.com/pegasus-android>



The

REPORT

could be organized as follows. The report should be 8 to 10 SINGLE SPACED PAGES, EXCLUDING tables, figures, appendices and references

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a.

Executive Summary (

<

1

page

):

Summarize the entire report in a succinct and precise

manner to tell the whole story. If someone only read your executive summary

,

he/she

should get a very good idea of everything in the report.

b.

Introduction:

Within two to three paragraphs convince the reader that end

-

user related

security breaches are a concern by identifying (listing) the many different ways end

-

user

maybe the weakest link. Provide citations to reliable industry reports / academic papers

that

support your points. Also

,

identify (list) some major approaches organizations adopt in creating user awareness.

c.

Problem Statement: [most important

~ 1 paragraph

] Identify the

one particular

problem/issue/need that exists out there. Then tell us succinctly why this particular

problem/issue/need is IMPORTANT. That is, why would anyone care about this issue?

d.

Current Approaches to this problem:

Now tell us, what are the
existing
solutions (if any)

that are geared toward solving this problem. OR at least toward solving
similar problems.

This is where your heavy research on “what’s out there” will come in handy.

Give us a clear

picture of
approaches
that

already exist for the problem/issue/need you
identified in “

C
”

above.

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(Combined Section)

Instructor: Dr. Shaji Khan

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of

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e.

The “

gap

”: Now tell us about the “GAP” that exists even after all the current
approaches

(listed in “

C

” above) have been taken into account.

In other words, you would be making
statements such as “

despite all the current progress
and the existing

efforts listed

above,

there is still [this gap that exists

...]

and we wish to fill this gap by [coming up with this new approach/idea

]....”

f.

[having done all the above you have now made a compelling case that the problem you

are trying to address

is important, the current approaches are great but NOT ENOUGH, and there is still this GAP.

All this i.e. sections b, c, d, and e

SHOULD TAKE NO MORE THAN 2 PAGES SINGLE SPACED]

g. TECHNICAL DESCRIPTION OF HOW THE PARTICULAR END-USER FOLLY YOU IDENTIFIED LEADS TO SECURITY BREACHES

[IMPORTANT ~3 PAGES]: Describe in detail just how a breach may take place from a technical standpoint.

h. YOUR INNOVATIVE APPROACH(ES) TO CREATING USER AWARENESS FOR THIS PARTICULAR FOLLY [~3 pages]:

- i. Remember to highlight why it is different and innovative than what is already out there.
- ii. How will the approach(es) you propose solve the problem/issue you identified in “c”
- iii. Conclusion [~ ½ page]: Put it all together and summarize the issue, the gap, your solution to the problem, and why this idea is not only feasible but also worthy in that it has the potential of stopping/alleviating security breaches. Be creative and add other elements you think necessary.

Draw on your readings and online research /practitioner articles to make your conclusions and overall report richer.

j. REFERENCES (please be sure to include the list of articles, web sources, etc. used in your report)

k. Appendices:

- i. Include anything which may make your report stronger.