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I pledge my honor I have abided by the stevens honor system

Risk = (D+R+E+A+D)/5

Damage Potential: 5
Reproducibility:6
Exploitability:5
Affected Users:5
Discoverability: 7

Score = 5.6

To achieve the risk score for this scenario, I compared the provided information with the DREAD estimate guidelines set out in the slides.

First, Damage Potential was found using the line “the damage maybe to user data but not necessarily entire system wide” and comparing it to the line from the slides under a score of five, “ Individual user data is compromised or affected” which matches almost exactly.

Next, reproducibility used the line “it can be reproduced / replicated with reasonable steps to show that it is real and can happen” which was compared to a score of five from the slides “One or two steps required, may need to be an authorized user” which almost matches exactly, but the scenario line mentions “reasonable steps” indicating simplicity which gives it a slightly higher score.

For exploitability, the line “ it is not too difficult to exploit it as some malware / attack scripts may already exist” was analyzed which matches almost exactly with the score of 5 line “Malware exists on the Internet, or an exploit is easily performed, using available attack tools” from the slides.

For affected users, I looked at the line “if exploited, it could affect some users but not all” which contains a direct quote from the score of 5 line from the slides, “Some users, but not all”.

Finally, the line I analyzed for discoverability was “The vulnerability can be discovered through some reasonably simple network data analysis / traces, diagnostics” which matches one of the techniques in the score of 5 line “Can figure it out by guessing or by monitoring network traces.” from the slides, but with a keyword of “simple” I decided to give a slightly higher score of 7.