Practical Test for System and Network Hacking

Master's Degree in Computer Engineering

24 July 2024

1. (15 points) Remote datatabase service, v0.99 beta. Changelog: disabled some feature that has been exploited in the past; there is some debug output that will be removed in a future release.

   Available commands (one per line of input):

   - `e` followed by a string; echoes the string.
   - `g` followed by a string; search the string in the database (XXX disabled in this release);
   - `q` close the connection.

   ## Hints

   1. Analysis of the bug (2 points);
   2. Attack plan (3 points).