Cyber Security

Across
1. e-mails that appear to originate from a trusted source to trick a user into entering valid credentials on a fake website
3. approval, permission, or empowerment for someone or something to do something
9. software appearing to perform a useful function but actually tricks a user into executing malicious logic (e.g. Trojan horse)
11. cryptanalysis technique or other kind of attack method involving an exhaustive procedure that tries all possibilities, one-by-one
12. sequence of eight bits
13. basic communication language or "protocol" of the Internet
14. type of input validation attack where SQL code is inserted into application queries to manipulate the database
15. pseudo IP address that always refer back to the local host and never sent out to a network (127.0.0.1)

Down
2. TCP/IP protocol specifying the transfer of text or binary files across the network
4. encrypted form of the message being sent
5. process of confirming the correctness of the claimed identity
6. prove that a user sent a message and the message has not been altered
7. stripping one Iayer's headers and passing the rest of the packet up to next higher layer
8. hidden, self-replicating section of computer software that inserts itself and becomes part of the another program
10. gaining unauthorized logical access to sensitive data by circumventing a system's protections