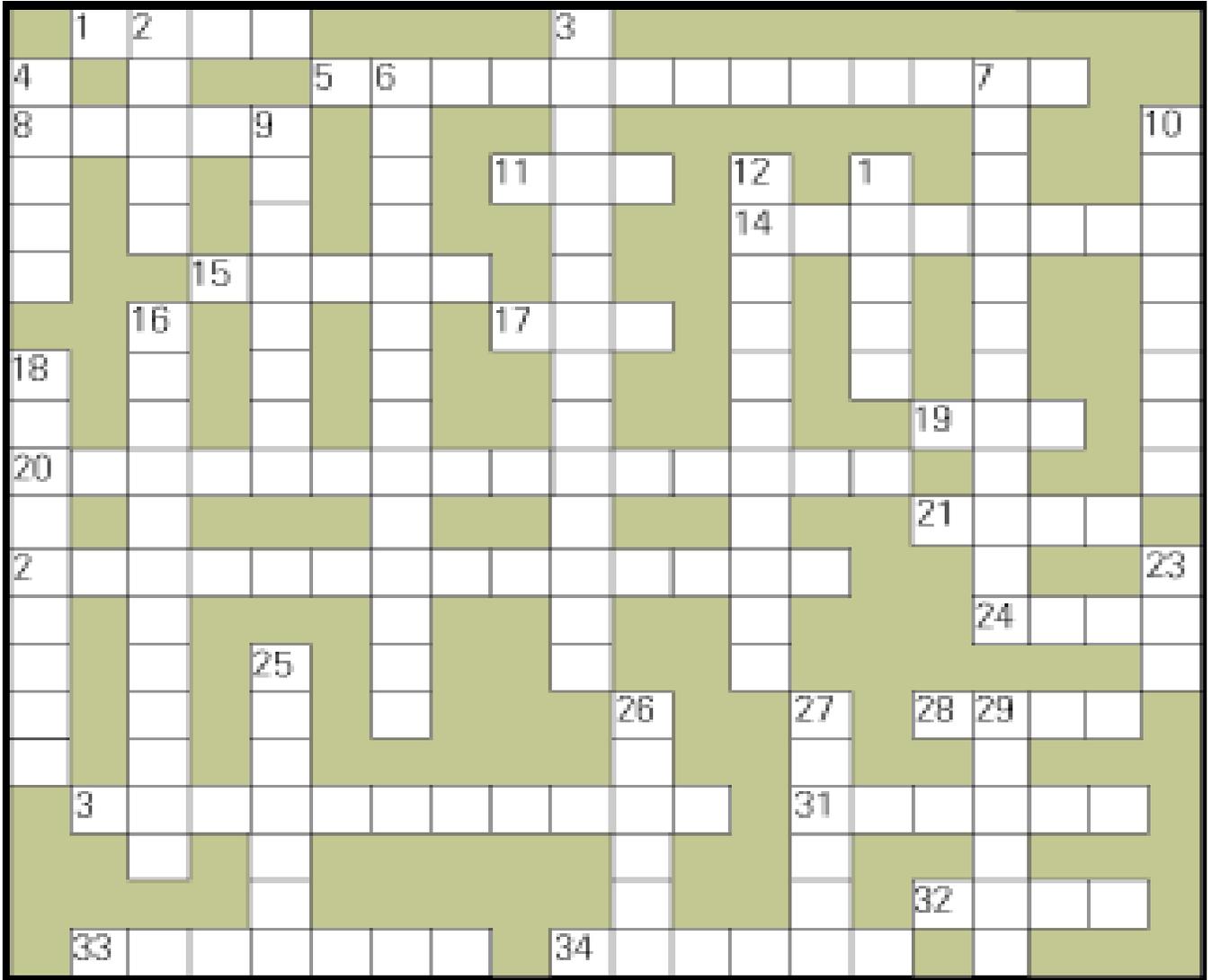


# SPAD Crossword Puzzle #3



Clues are on the back, check the Online Security Center under What's Hot,  
[http://fsanet.ed.gov/cio/products/it\\_security\\_portal/](http://fsanet.ed.gov/cio/products/it_security_portal/), starting May 26<sup>th</sup> for the answers.

## Across

1. A Windows NT Dynamic Link Library that challenges users to supply their user IDs, domains and passwords
5. A key exchange whereby a secret key can be exchanged using messages that don't need to be kept secret
8. Human Authentication Application Program Interface
11. A public-key system for encrypting e-mail using RSA
14. A lesser-known physical biometric that is characterized by the shape of the outer ear, lobes and bone structure
15. Biometric end users whose pattern of activity varies beyond the specified range allowed by the system
17. Signature biometric, also known as dynamic signature verification
19. A personal code used to protect you against fraud
20. An eye biometric that focuses on the unique characteristics found in the iris
21. A recognition technology that uses the unique shape, pattern and positioning of facial features
22. A distinguishing feature or attribute
24. Electronic Fingerprint Transmission Specification
28. The National Biometric Test Center
30. A cryptography term for a password-protected, encrypted data file
31. The right to enter or make use of
32. To move a finely focused beam of light or electrons in a systematic pattern over a surface in order to reproduce and subsequently transmit an image

33. A representative sample
  34. Can be digital or video and is required for face recognition
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## Down

2. The reproduction of the form of something or someone
3. The optical capture and analysis of minutiae points, finger image ridge endings or branches made by ridges
4. The short first digit of the human hand
6. Proof or evidence of identity
7. To establish by challenge and response that a transmission attempt is authorized and valid
9. A person who deceives under an assumed identity
10. Synonym for verification
12. An acknowledgment
13. The evidence establishing the validity of a given assertion
16. A physical access badge that uses a geometric pattern of spots laminated into the badge
18. A biometric system that analyzes the veins in the back of the hand
23. A compression algorithm used to reduce the size of reference templates
25. A collaborative project for developing a standard way to compare biometric devices
26. The layer of blood vessels situated at the back of the eye
27. A device that converts information into a format recognized by a machine as input
29. A violation or infraction