

**KA9Q**

Popular implementation of TCP/IP and associated protocols for amateur packet radio systems.

**Karn's algorithm**

Algorithm that improves round-trip time estimations by helping transport layer protocols distinguish between good and bad round-trip time samples.

**Kb**

kilobit. Approximately 1,000 bits.

**KB**

kilobyte. Approximately 1,000 bytes.

**kbps**

kilobits per second. A bit rate expressed in thousands of bits per second.

**kBps**

kilobytes per second. A bit rate expressed in thousands of bytes per second.

**keepalive interval**

Period of time between each keepalive message sent by a network device.

**keepalive message**

Message sent by one network device to inform another network device that the virtual circuit between the two is still active.

**KEK**

key-encrypting key. Cryptographic key that is used to encrypt other keys, either DEKs or other KEKs, but usually is not used to encrypt application data.

**Kerberos**

Developing standard for authenticating network users. Kerberos offers two key benefits: it functions in a multivendor network, and it does not transmit passwords over the network.

**Kermit**

Popular file-transfer and terminal-emulation program.

**key distribution**

Process that delivers a cryptographic key from the location where it is generated to the locations where it is used in a cryptographic algorithm.

**key establishment (algorithm or protocol)**

Process that combines the key generation and key distribution steps needed to set up or install a secure communication association.

**key pair**

Set of mathematically related keys—a public key and a private key—that are used for asymmetric cryptography and are generated in a way that makes it computationally infeasible to derive the private key from knowledge of the public key.

**key recovery**

1. Process for learning the value of a cryptographic key that previously was used to perform some cryptographic operation.
2. Techniques that provide an intentional, alternate (that is, secondary) means to access the key used for data confidentiality service in an encrypted association.

**kilobit**

Abbreviated Kb.

**kilobits per second**

Abbreviated kbps.

**kilobyte**

Abbreviated KB.

**kilobytes per second**

Abbreviated kBps.

**kVA**

kilovoltampere.