



zero code suppression

Line coding scheme used for transmission clocking. Zero line suppression substitutes a 1 in the 7th bit of a string of eight consecutive zeros. See also *ones density*.

ZIP

Zone Information Protocol. AppleTalk session layer protocol that maps network numbers to zone names. ZIP is used by NBP to determine which networks contain nodes that belong to a zone. See also *ZIP storm* and *zone*.

ZIP storm

Broadcast storm that occurs when a router running AppleTalk propagates a route for which it currently has no corresponding zone name. The route is then forwarded by downstream routers, and a ZIP storm ensues. See also *ZIP*.

zone

1. Collection of all terminals, gateways, and multipoint control units (MCUs) managed by a single gatekeeper. A zone includes at least one terminal, and can include gateways or MCUs. A zone has only one gatekeeper. A zone can be independent of LAN topology and can be comprised of multiple LAN segments connected using routers or other devices.

2. In AppleTalk, a logical group of network devices. See also *ZIP*.

Zone Information Protocol

See *ZIP*.

zone multicast address

Data-link–dependent multicast address at which a node receives the NBP broadcasts directed to its zone. See also *NBNS*.

zone prefix

A prefix that identifies the addresses to be serviced by a given gatekeeper. Zone prefixes are typically area codes and serve the same purpose as the domain names in the H.323-ID address space.

