The .MPP Driver Information about the low-level driver

Within the **AppleTalk Manager**, **the .MPP driver** implements the LocalTalk Link Access Protocol (LLAP), the Datagram Delivery Protocol (DDP), the Routing Table Maintenance Protocol (RTMP) stub, the Name-Binding Protocol (NBP), and the AppleTalk Echo Protocol (AEP). The AppleTalk Phase 2 version of the .MPP driver includes a new function that returns information about the .MPP driver, functions that send messages to routines in the AppleTalk Transition Queue, and a new wildcard character for NBP.

Getting Information About the .MPP Driver

You can use the **PGetAppleTalkInfo** function to obtain information about the .MPP driver. The **PGetAppleTalkInfo** function returns

- a pointer to the .MPP global variables
- a pointer to the .MPP driver's device control entry (DCE) data structure
- configuration flags that indicate the status of certain conditions that are set at startup
- a value (the selfSend flag) that indicates whether the node can send packets to itself
- the range of network numbers for the network to which the node is attached.
- the 8-bit node ID and 16-bit network number of the node
- the 8-bit node ID and 16-bit network number of the last router from which the node has heard
- the maximum capacities of the .MPP driver, such as the maximum number of protocol handlers and the maximum number of static sockets allowed by this driver
- a pointer to the registered names queue
- the address of the node on the underlying data link (for example, the Ethernet hardware address)
- the node's zone name

The data link address (for example, the Ethernet hardware address) and the zone name are returned only for extended networks-that is, network types that allow more than one network number per network. You must allocate memory for and provide pointers to the data buffers into which the **PGetAppleTalkInfo** function returns the data link address and zone name. You use the laLength parameter to specify the length of the data link address you want returned; the function returns the actual length of the data in the laLength parameter and returns the data in the buffer you provide.

Note: Always use the **PGetAppleTalkInfo** function to obtain information about the .MPP driver. You can no longer rely on the validity of the global

variables described in older documentation.