Tech Info Library

ABS Tech Note: SNA•ps07 Finding Gateways (5/92)

```
Revised:        9/7/93
Security:       Everyone


ABS Tech Note: SNA•ps07 Finding Gateways (5/92)


======================================================================


Article Created: 29 May 1992


TOPIC -------------------------------------------------------------


This technical note discusses two methods that application programs can use
to find SNA•ps gateways.


DISCUSSION --------------------------------------------------------


Introduction
------------
The routine GetGatewayList() is used in both the sample programs filecreq.c
and filecsrv.c, to find the available gateways in an AppleTalk Zone.  The
type field specified for the NBPLookup is "SNAGatewayAgent", it should be
"SNAGateway" to return the names and addresses for only those SNA•ps
Gateways which have previously been started.


Finding Running Gateways
------------------------
PLookupName() is used to do an NBPLookup for gateways that are available on
the network. The entityPtr parameter to PLookupName() specifies what type
of network entity is to be looked up.


The type for a running SNA•ps Gateway is "SNAGateway". The type
"SNAGatewayAgent" will return the names and addresses for the running
SNA•ps Gateways also, but in addition will return the names and addresses
of gateways that are configured, but are not currently running. Attempting
to establish a connection to one of these gateways will result in an error.


Copyright 1993, Apple Computer, Inc.


Tech Info Library Article Number:11693
```