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

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TOPIC -----

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

DISCUSSION -----

### Introduction

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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

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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.  
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