

DEFINE REMOTE HOSTS

This option allows the Administrator to define Remote Hosts. Remote Hosts are jobs that communicate via TCP/IP to the Gateway representing your Bank. Once defined, the Remote Host must be started. They receive requests from user applications and pass the requests to the Gateway. They then report back to the applications the response data (or lack of it) from the Gateway. Several user applications can send multiple transactions at the same time. Once defined, the Remote Host must be started.

Select "Define Remote Hosts" from the menu. Press **F6** to add. Enter the name of the Remote Host to create and press **ENTER**. The following screen will appear:

Credit Card/400 (TM)		CHANGE	8/10/01
Define Remote Hosts			10:21:49
Remote Host Name:	BDSHOST		
	1234567890		
Host type:	<u>VITALSSL</u>		
Address Type:	<u>HOSTNAME</u> (HOSTNAME, IPADDR)		
Rmt IP Address:	<u>000 000 000 000</u>		
Rmt Host Name:	<u>WWW.BRODERICKDATA.COM</u>		
Port Number:	<u>443</u>		
EBCDIC/ASCII CCSID:	<u>37</u>	<u>437</u>	(Zero=Default)
SSL Link:	<u>Y</u>		(Y/N)
System Store Name:	<u>*SYSTEM</u>		
System Store Password:	<u>yourpass</u>		
Application ID:	<u>BDS BRODERICK CCRD40 RHST</u>		
	(Name, *NONE)		
Auth Timeout (sec):	<u>30</u>	Handshake Timeout (sec):	30
Batch Timeout (sec):	<u>3600</u>		
Descriptive Text:	<u>Credit Card/400 Test Host</u>		
F3=Exit F12=Cancel Current Operation			

The above parameters have the following definitions:

Host Type

Specifies the type of Gateway. Specify one of the following:

VISAIPGS: The Gateway is a VISA IPGS gateway.

VITALSSL: The Gateway is VITAL through their SSL link.

Address Type

Specifies the type IP address to use. Specify one of the following:

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HOSTNAME: The host name is specified. BDS will perform a lookup to determine the IP address.

IPADDR: The IP address of the Gateway is specified in dotted decimal form (111.222.333.444).

Rmt Host Name

Specifies the IP Address of the Gateway. For example 200.40.118.2. Specify the address as 4 numbers in the fields provided. This parameter is ignored if Address Type **HOSTNAME** is specified.

Port Number

Specifies the TCP/IP port to use. Obtain this value from your Gateway Documentation.

EBCDIC and ASCII CCSID

Specifies the Coded Character Set ID's to use for EBCDIC to ASCII translation. Please note that the AS/400 is an EBCDIC machine and most Gateway destinations are ASCII. Thus The Remote Host task must translate all data to ASCII format to be readable. For example, CCSID 00037 is US-English EBCDIC and 00437 is US-ASCII. For a list of CCSID values refer to the IBM manual "AS/400 National Language Support", Appendix G.2 "Code Pages and CCSIDs".

0 (zero): Specifies to use the values defined on the Tailoring Options screen.

Note: The values specified here will be tested by calling the conversion routine. Errors detected by the routine will be reported. However, no error reported does not guarantee the specified CCSID pair specified will properly convert the data into readable ASCII. The administrator should test the specified CCSID pair. For Primary and Secondary codes and their meanings, refer to the IBM manual: "OS/400 National Language Support API's", Chapter 3.2. "CDRCVRT API Feedback Codes and Conditions"

SSL

Specifies if the Secure Socket Layer (SSL) protocol is used. Refer to your Gateway's Documentation. Specify Y for SSL, N for non-SSL.

Note: If SSL-Y is specified, the following fields must also be specified:

- Key ring File Name
- Key ring File Password
- Application ID (May not be required)
- Handshake Timeout

System Store Name

Enter the name of the System Store containing the Digital certificate. The System Store must exist and must contain a valid Digital Certificate obtained from a Trusted Certificate Authority such as Verisign or Thawte. For more information refer to the BDS Tutorial or IBM's web site.

***SYSTEM:** Specifies to use *SYSTEM, the AS/400's default System Store.

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Note: Earlier releases of OS/400 refer to Key ring Files and Key ring Databases. These terms are equivalent to System Store.

Note: The specified Digital Certificate may be also used by other applications such as HTTP Server Instances. Other applications may require the Certificate be in the *SYSTEM System Store.

This parameter is ignored if SSL-N is specified.

System Store Password

Enter the password for the System Store specified above.

Application ID

An Application ID may be needed to specify the Digital Certificate name to the BDS application. If the desired certificate is the Default Certificate in the System Store you do not need to specify an Application ID. Otherwise, you need to create an Application ID and specify it here. To create an Application ID, you may use the procedure on the Tailoring Options screen.

***NONE:** No Application ID will be processed

Note: In order to use an Application ID, the Digital certificate must be placed into the *SYSTEM system store.

This parameter is ignored if SSL-N is specified.

Authorizations Timeout (sec)

Specifies the amount of time the Remote Host task will wait for a reply from the Gateway after sending Authorization transactions (Auth requests, Reversals). Check with your gateway for any expected minimum wait times.

Handshake Timeout (sec)

Specifies the amount of time the Remote Host task will wait for an SSL handshake operation with the Gateway to complete. For most applications, 30 seconds should be enough time.

This parameter is ignored if SSL-N is specified.

Batch Timeout (sec)

Specifies the amount of time the Remote Host task will wait for a reply from the Gateway when sending Data Collection Batch Transactions (Settlements). Check with your gateway for any expected minimum wait times.

Descriptive Text

Enter up to 30 characters of text to describe this Remote Host definition entry. This field cannot be blank.

F3 (Return)

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Press F3 to exit.

F12 (Cancel Current Operation)

Press F12 to cancel the current operation.