



CHAPTER

45

OpenVMS Platform Error Messages

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DECnet

SAS/CONNECT

Various errors may occur when you initially try to establish a connection over a network with the DECnet access method. Many of these problems are related to the network. When errors of this nature occur, SAS/CONNECT presents a general message that contains the specific return code for the error. The form of the message follows:

```
ERROR: Network request failed (rc 0xnn)
```

where *nn* is a nonzero return code that indicates the specific problem. The following section explains the most common failures in establishing DECnet communications.

```
ERROR: Network request failed (rc 0x03)...
```

The SAS\$CONN file is not defined on the remote host. This file is necessary to invoke the remote SAS session. Ensure that the file exists and is properly defined to NCP or that it exists in the remote login directory.

```
ERROR: Network request failed (rc 0x10)...
```

The host name that you specified as the value for the REMOTE= option is invalid. Ask your systems personnel for valid names at your site.

```
ERROR: Network request failed (rc 0x13)...
```

Permission to access the remote host was denied. Verify that you specified both a valid userid and password for the remote system.

```
ERROR: Network request failed (rc 0x50)...
```

```
ERROR: Network request failed (rc 0x51)...
```

Your network is down or cannot be reached. Contact your system administrator.

```
ERROR: Network request failed (rc 0x64)...
ERROR: Network request failed (rc 0x65)...
```

Your remote host is down or cannot be reached. Contact your system administrator.

```
ERROR: Network request failed (rc 0x24) -
no privilege for attempted operation.
```

Permission to perform the requested operation was denied. Verify that you have the access privileges assigned correctly on your system.

```
ERROR: Network request failed (rc 0xF4) - network partner exited.
```

This message appears if the remote SAS session cannot create a work directory when you try to establish a session with a remote VMS system.

To resolve this error, change the SET DEF DISK statement in the SAS\$CONN.COM file to a valid directory. This statement can be removed completely, and the remote SAS session creates a work directory under the directory it is being executed from. This statement should only be used if the user needs the work directory created in a different location.

```
ERROR: Network request failed.
ERROR: Remote SIGNON to node name cancelled.
```

This error occurs if the remote node is busy or if the login command files are long. In either case, the remote node does not respond in time, and the local node times out.

To increase the time needed before a connection request times out on the local node, increase the NCP parameter EXECUTOR OUTGOING TIMER. To increase the time needed before a connection request times out on the remote node, increase the NCP parameter EXECUTOR INCOMING TIMER.

The error message is

```
ERROR: Network request failed
(rc 0xF4) - network partner exited.
ERROR: Remote SIGNON to nodename cancelled.
```

SAS/SHARE

```
Network request failed (rc 0x24) -
no privilege for attempted operation
```

The process that is trying to start the server does not have the SYSNAM privilege.

```
Network request failed (rc 0x14) -
bad parameter value
```

There is probably another SAS/SHARE server or other network object already running that has the same name.

```
Network request failed (rc 0xA4) -
network object is unknown at remote node
```

The server that was specified by the SERVER= option is not running on the specified node.

```
Network request failed (rc 0x8C)
- remote node is unknown
```

A two-level server name was used, and the node that was specified is not known to the user's node. Make sure that the node name is spelled correctly, and examine the DECnet database.

```
Network request failed (rc 0x94) -
remote node is not currently reachable
```

A two-level server name was used, and the node that was specified is not reachable. This usually means that the specified node is down.

```
Network request failed (rc 0xF4) -
network partner exited
```

The network request timed out before the connection could be made. This usually occurs only if you are auto-starting a server with a LIBNAME or a PROC OPERATE statement. Use the server's logs to verify that the server is not generating any errors when it is being auto-started. If there are no server errors, the time out could be caused by the NCP EXECUTOR OUTGOING TIMER on the user's node, the NCP EXECUTOR INCOMING TIMER on the server's node, or the NCP EXECUTOR INACTIVITY TIMER on either node. If this occurs often, you should increase the NCP EXECUTOR INCOMING, OUTGOING, and/or INACTIVITY TIMER values until they are long enough for the connection to complete. Refer to your DECnet documentation for information about the values for these timers and how to change them.

OpenVMS: TCP/IP and TELNET Access Methods

CAUTION:

Version 6 Only Beginning with Version 7, the TELNET access method is not supported. However, information about TELNET is included here for Version 6 users. Δ

SAS/CONNECT

- For TELNET, the WAITFOR statement in the script looks for all possibilities. If no condition is met, the number of seconds specified to wait should be less than the amount of time allowed by the connection itself before it drops because there is no activity. If the WAITFOR statement is not set properly, the following message appears during an asynchronous SIGNON:

```
ERROR: Read Error
```

- For TELNET, if the SIGNON statement appears to hang during a SIGNON, change the EOPCHAR in the SIGNON script to LF. The default EOPCHAR is CR and is not recognized by some remote systems.

SAS/CONNECT and SAS/SHARE

SAS/CONNECT and SAS/SHARE may be unable to connect to the TCP/IP port. The following system message appears:

```
connection
refused
```

The connection may fail at SIGNON for either of the following reasons:

- The remote side is not listening.
- The maximum number of connections has been reached.

SAS/SHARE

Failure to enter a server's name, a port, and an alias in the SERVICES file results in an error when you try to access the server.

The following partial SAS log shows the error message that the user receives if the server service is omitted from the SERVICES file.

```
36  options comamid=tcp fullstimer;
37  %let tcpsec=_prompt_;
38  libname sasdata 'edc.prog2.sasdata'
      server=sdcmvs.sharsrvx;
```

```
You cannot connect to server SDCMVS.SHARSRVX because
ERROR: No TCP service 'sharsrvx' on this host.
ERROR: Error in the LIBNAME or FILENAME statement.
```

```
No TCP service <server-id> on this host.
```

The service that is specified in the SERVERID= option is not one of the SAS/SHARE TCP/IP service names that are defined in the TCP services file.

```
Cannot locate TCP host <node>
```

The TCP/IP software is probably not running on the server's node.

```
Cannot bind TCP socket.
```

```
System message is 'address already in use'
```

Another server that has the same name is already running on this node, or another TCP/IP application is using the predefined port numbers that the TCP/IP access method is trying to use. If another server that has the same name is running, choose one of the other defined server names. If there is no other server running that has the same name, there may be a conflict with another software package. Contact your system administrator.

The correct bibliographic citation for this manual is as follows: SAS Institute Inc., *Communications Access Methods for SAS/CONNECT and SAS/SHARE Software, Version 8*, Cary, NC: SAS Institute Inc., 1999. pp. 643.

Communications Access Methods for SAS/CONNECT and SAS/SHARE Software, Version 8

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ISBN 1-58025-479-9

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SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513.

1st printing, September 1999

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