

Sockets return codes (ERRNOs)

z/OS V1R9.0 Communications Server IP CICS Sockets Guide
SC31-8807-04

This section provides the system-wide message numbers and codes set by the system calls. These message numbers and codes are in the TCPERRNO.H include file supplied with TCP/IP Services.

Table 24. Sockets ERRNOs

Error number	Message name	Socket type	Error description	Programmer's response
1	EAI_NONAME	GETADDRINFO GETNAMEINFO	NODE or HOST cannot be found.	Ensure the NODE or HOST name can be resolved.
1	EDOM	All	Argument too large.	Check parameter values of the function call.
1	EPERM	All	Permission is denied. No owner exists.	Check that TPC/IP is still active; check protocol value of socket () call.
1	EPERM	IOCTL (SIOCTTLSC TTLS_INIT_ CONNECTION and TTLS_RESET_ SESSION or both TTLS_INIT_ CONNECTION and TTLS_RESET_ CIPHER)	The combination of requests specified is not permitted.	Request TTLS_RESET_SESSION and TTLS_RESET_CIPHER only when TTLS_INIT_CONNECTION has been previously requested for the connection.
1	EPERM	IOCTL (SIOCTTLSC TTLS_INIT_ CONNECTION and TTLS_RESET_ SESSION or both TTLS_INIT_ CONNECTION and TTLS_RESET_ CIPHER)	Denotes one of the following error conditions: • The TTLS_INIT_CONNECTION option was requested with either TTLS_RESET_SESSION, TTLS_RESET_CIPHER or TTLS_STOP_CONNECTION • The TTLS_STOP_CONNECTION option was requested along with TTLS_RESET_SESSION or TTLS_RESET_CIPHER	Request TTLS_RESET_SESSION and TTLS_RESET_CIPHER only when TTLS_INIT_CONNECTION and TTLS_STOP_CONNECTION are not requested. Always request TTLS_INIT_CONNECTION when TTLS_ALLOW_HSTIMEOUT is requested. Use separate SIOCTTLSC ioctls to request TTLS_INIT_CONNECTION and TTLS_STOP_CONNECTION.

			<ul style="list-style-type: none"> The TTLS_ALLOW_HSTIMEOUT option was requested without TTLS_INIT_CONNECTION 	
2	EAI_AGAIN	FREEADDRINFO GETADDRINFO GETNAMEINFO	For GETADDRINFO, NODE could not be resolved within the configured time interval. For GETNAMEINFO, HOST could not be resolved within the configured time interval. The Resolver address space has not been started. The request can be retried later.	Ensure the Resolver is active, then retry the request.
2	ENOENT	All	The data set or directory was not found.	Check files used by the function call.
2	ERANGE	All	The result is too large.	Check parameter values of the function call.
3	EAI_FAIL	FREEADDRINFO GETADDRINFO GETNAMEINFO	This is an unrecoverable error. NODELEN, HOSTLEN, or SERVLN is incorrect. For FREEADDRINFO, the resolver storage does not exist.	Correct the NODELEN, HOSTLEN, or SERVLN. Otherwise, call your system administrator.
3	ESRCH	All	The process was not found. A table entry was not located.	Check parameter values and structures pointed to by the function parameters.
4	EAI_OVERFLOW	GETNAMEINFO	The output buffer for the host name or service name was too small.	Increase the size of the buffer to 255 characters, which is the maximum size permitted.
4	EINTR	All	A system call was interrupted.	Check that the socket connection and TCP/IP are still active.
5	EAI_FAMILY	GETADDRINFO GETNAMEINFO	The AF or the FAMILY is incorrect.	Correct the AF or the FAMILY.
5	EIO	All	An I/O error occurred.	Check status and contents of source database if this occurred during a file access.
6	EAI_MEMORY	GETADDRINFO GETNAMEINFO	The resolver cannot obtain storage to process the host name.	Contact your system administrator.
6	ENXIO	All	The device or driver was not found.	Check status of the device attempting to access.

7	E2BIG	All	The argument list is too long.	Check the number of function parameters.
7	EAI_BADFLAGS	GETADDRINFO GETNAMEINFO	FLAGS has an incorrect value.	Correct the FLAGS.
8	EAI_SERVICE	GETADDRINFO	The SERVICE was not recognized for the specified socket type.	Correct the SERVICE.
8	ENOEXEC	All	An EXEC format error occurred.	Check that the target module on an exec call is a valid executable module.
9	EAI_SOCKTYPE	GETADDRINFO	The SOCKTYPE was not recognized.	Correct the SOCKTYPE.
9	EBADF	All	An incorrect socket descriptor was specified.	Check socket descriptor value. It might be currently not in use or incorrect.
9	EBADF	Givesocket	The socket has already been given. The socket domain is not AF_INET or AF_INET6.	Check the validity of function parameters.
9	EBADF	Select	One of the specified descriptor sets is an incorrect socket descriptor.	Check the validity of function parameters.
9	EBADF	Takesocket	The socket has already been taken.	Check the validity of function parameters.
9	EAI_SOCKTYPE	GETADDRINFO	The SOCKTYPE was not recognized.	Correct the SOCKTYPE.
10	ECHILD	All	There are no children.	Check if created subtasks still exist.
11	EAGAIN	All	There are no more processes.	Retry the operation. Data or condition might not be available at this time.
12	ENOMEM	All	There is not enough storage.	Check the validity of function parameters.
13	EACCES	All	Permission denied, caller not authorized.	Check access authority of file.
13	EACCES	Takesocket	The other application (listener) did not give the socket to your application. Permission denied, caller not authorized.	Check access authority of file.
13	EACCES	IOCTL (SIOCTLCTL)	The IOCTL is requesting a function that requires that the socket be mapped to policy that specifies ApplicationControlled On.	Check policy and add ApplicationControlled On if the application should be permitted to issue the controlled SIOCTLCTL functions.
14	EFAULT	All	An incorrect storage address or length was specified.	Check the validity of function parameters.

14	EFAULT	IOCTL (SIOCSAPPLDATA)	An abend occurred while attempting to copy the SetADcontainer structure from the address provided in the SetAD_ptr field.	Check the validity of function parameters.
15	ENOTBLK	All	A block device is required.	Check device status and characteristics.
16	EBUSY	All	Listen has already been called for this socket. Device or file to be accessed is busy.	Check if the device or file is in use.
17	EEXIST	All	The data set exists.	Remove or rename existing file.
18	EXDEV	All	This is a cross-device link. A link to a file on another file system was attempted.	Check file permissions.
19	ENODEV	All	The specified device does not exist.	Check file name and if it exists.
20	ENOTDIR	All	The specified directory is not a directory.	Use a valid file that is a directory.
21	EISDIR	All	The specified directory is a directory.	Use a valid file that is not a directory.
22	EINVAL	All types	An incorrect argument was specified.	Check the validity of function parameters.
22	EINVAL	Multicast Source filter APIs	Mix of any-source, source-specific or full-state APIs	Specify the correct type of APIs.
22	EINVAL	MCAST_JOIN_GROUP, MCAST_JOIN_SOURCE_GROUP, MCAST_BLOCK_SOURCE, MCAST_LEAVE_GROUP, MCAST_LEAVE_SOURCE_GROUP, MCAST_UNBLOCK_SOURCE, SIOCGMSFILTER, SIOCSMSFILTER	The socket address family or the socket length of the input multicast group or the source IP address is not correct.	Specify the correct value.
22	EINVAL	SIOCSMSFILTER, SIOCSIPMSFILTER	The specified filter mode is not correct.	Specify the correct value.
23	ENFILE	All	Data set table overflow occurred.	Reduce the number of open files.
24	EMFILE	All	The socket descriptor table is full.	Check the maximum sockets specified in MAXDESC().
25	ENOTTY	All	An incorrect device call was specified.	Check specified IOCTL() values.
26	ETXTBSY	All	A text data set is busy.	Check the current use of the file.
27	EFBIG	All	The specified data set is too large.	Check size of accessed dataset.
28	ENOSPC	All	There is no space left on the device.	Increase the size of accessed file.
29	ESPIPE	All	An incorrect seek was	Check the offset

			attempted.	parameter for seek operation.
30	EROFS	All	The data set system is Read only.	Access data set for read only operation.
31	EMLINK	All	There are too many links.	Reduce the number of links to the accessed file.
32	EPIPE	All	The connection is broken. For socket write/send, peer has shut down one or both directions.	Reconnect with the peer.
32	EPIPE	IOCTL (SIOCTTLCTL requesting TTLS_INIT_ CONNECTION, TTLS_RESET_CIPHER, or TTLS_STOP_CONNECTION)	The TCP connection is not in the established state.	Issue the SIOCTTLCTL IOCTL when the socket is connected.
33	EDOM	All	The specified argument is too large.	Check and correct function parameters.
34	ERANGE	All	The result is too large.	Check function parameter values.
35	EWOULDBLOCK	Accept	The socket is in nonblocking mode and connections are not queued. This is not an error condition.	Reissue Accept().
35	EWOULDBLOCK	Read Recvfrom	The socket is in nonblocking mode and read data is not available. This is not an error condition.	Issue a select on the socket to determine when data is available to be read or reissue the Read()/Recvfrom().
35	EWOULDBLOCK	Send Sendto Write	The socket is in nonblocking mode and buffers are not available.	Issue a select on the socket to determine when data is available to be written or reissue the Send(), Sendto(), or Write().
35	EWOULDBLOCK	IOCTL (SIOCTTLCTL)	The handshake is in progress and the socket is a non-blocking socket.	For a non-blocking socket, you can wait for the handshake to complete by issuing Select or Poll for Socket Writable.
36	EINPROGRESS	Connect	The socket is marked nonblocking and the connection cannot be completed immediately. This is not an error condition.	See the Connect() description for possible responses.
36	EINPROGRESS	IOCTL (SIOCTTLCTL requesting TTLS_INIT_ CONNECTION or TTLS_STOP_CONNECTION)	The handshake is already in progress and the socket is a non-blocking socket.	For a non-blocking socket, you can wait for the handshake to complete by issuing Select or Poll for Socket Writable.
37	FAI READY	Connect	The socket is marked	Reissue Connect().

			nonblocking and the previous connection has not been completed.	
37	EALREADY	IOCTL (SIOCTTLCTL requesting TTLS_INIT_CONNECTION or TTLS_STOP_CONNECTION)	For TTLS_INIT_CONNECTION, the socket is already secure. For TTLS_STOP_CONNECTION, the socket is not secure.	Modify the application so that it issues the SIOCTTLCTL IOCTL that requests TTLS_INIT_CONNECTION only when the socket is not already secure and that requests TTLS_STOP_CONNECTION only when the socket is secure.
37	EALREADY	Maxdesc	A socket has already been created calling Maxdesc() or multiple calls to Maxdesc().	Issue Getablesize() to query it.
37	EALREADY	Setibmopt	A connection already exists to a TCP/IP image. A call to SETIBMOPT (IBMTCP_IMAGE), has already been made.	Only call Setibmopt() once.
38	ENOTSOCK	All	A socket operation was requested on a nonsocket connection. The value for socket descriptor was not valid.	Correct the socket descriptor value and reissue the function call.
39	EDESTADDRREQ	All	A destination address is required.	Fill in the destination field in the correct parameter and reissue the function call.
40	EMSGSIZE	Sendto Sendmsg Send Write	The message is too long. It exceeds the IP limit of 64K or the limit set by the setsockopt() call.	Either correct the length parameter, or send the message in smaller pieces.
41	EPROTOTYPE	All	The specified protocol type is incorrect for this socket.	Correct the protocol type parameter.
41	EPROTOTYPE	IOCTL (SIOCTTLCTL)	Socket is not a TCP socket.	Issue the SIOCTTLCTL IOCTL on TCP sockets only.
41	EPROTOTYPE	IOCTL (SIOCSAPPLDATA)	The request was not successful. The socket is not a stream (TCP) socket.	Issue the SIOCSAPPLDATA IOCTL on TCP sockets only.
42	ENOPROTOOPT	Getsockopt Setsockopt	The socket option specified is incorrect or the level is not SOL_SOCKET. Either the level or the specified optname is not supported.	Correct the level or optname.
42	ENOPROTOOPT	Getibmssockopt Setibmssockopt	Either the level or the specified optname is not supported.	Correct the level or optname.
43	EPRONOSUPPORT	Socket	The specified protocol is not supported.	Correct the protocol parameter.

44	ESOCKTNOSUPPORT	All	The specified socket type is not supported.	Correct the socket type parameter.
45	EOPNOTSUPP	IOCTL	The specified IOCTL command is not supported by this socket API.	Correct the IOCTL COMMAND.
45	EOPNOTSUPP	GETSOCKOPT	The specified GETSOCKOPT OPTNAME option is not supported by this socket API.	Correct the GETSOCKOPT OPTNAME option.
45	EOPNOTSUPP	IOCTL (SIOCTTLCTL requesting TTLS_INIT_ CONNECTION, TTLS_RESET_ SESSION, TTLS_RESET_ CIPHER or TTLS_STOP_ CONNECTION)	Mapped policy indicates that AT-TLS is not enabled for the connection.	Modify the policy to enable AT-TLS for the connection.
45	EOPNOTSUPP	RECV, RECVFROM, RECVMSG, SEND, SENDTO, SENDMSG	The specified flags are not supported on this socket type or protocol.	Correct the FLAG.
45	EOPNOTSUPP	Accept Givesocket	The selected socket is not a stream socket.	Use a valid socket.
45	EOPNOTSUPP	Listen	The socket does not support the Listen call.	Change the type on the Socket() call when the socket was created. Listen() only supports a socket type of SOCK_STREAM.
45	EOPNOTSUPP	Getibmopt Setibmopt	The socket does not support this function call. This command is not supported for this function.	Correct the command parameter. See Getibmopt() for valid commands. Correct by ensuring a Listen() was not issued before the Connect().
46	EPFNOSUPPORT	All	The specified protocol family is not supported or the specified domain for the client identifier is not AF_INET=2.	Correct the protocol family.
47	EAFNOSUPPORT	Bind Connect Socket	The specified address family is not supported by this protocol family.	For Socket(), set the domain parameter to AF_INET. For Bind() and Connect(), set Sin_Family in the socket address structure to AF_INET.
47	EAFNOSUPPORT	Getclient Givesocket	The socket specified by the socket descriptor parameter was not created in the AF_INET domain.	The Socket() call used to create the socket should be changed to use AF_INET for the domain parameter.
47	EAFNOSUPPORT	IOCTL	You attempted to use an IPv4-only ioctl on an AF_INET6 socket.	Use the correct socket type for the ioctl or use an ioctl that supports AF_INET6 sockets.
48	FADDRINUSE	Bind	The address is in a timed	If you want to reuse

			wait because a LINGER delay from a previous close or another process is using the address. This error can also occur if the port specified in the bind call has been configured as RESERVED on a port reservation statement in the TCP/IP profile.	the same address, use Setsockopt() with SO_REUSEADDR. Refer to the section about Setsockopt() in z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information. Otherwise, use a different address or port in the socket address structure.
48	EADDRINUSE	IP_ADD_MEMBERSHIP, IP_ADD_SOURCE_MEMBERSHIP, IPV6_JOIN_GROUP, MCAST_JOIN_GROUP, MCAST_JOIN_SOURCE_GROUP	The specified multicast address and interface address (or interface index) pair is already in use.	Correct the specified multicast address, interface address, or interface index.
49	EADDRNOTAVAIL	Bind	The specified address is incorrect for this host.	Correct the function address parameter.
49	EADDRNOTAVAIL	Connect	The calling host cannot reach the specified destination.	Correct the function address parameter.
49	EADDRNOTAVAIL	Multicast APIs	The specified multicast address, interface address, or interface index is not correct.	Correct the specified address.
49	EADDRNOTAVAIL	IP_BLOCK_SOURCE, IP_ADD_SOURCE_MEMBERSHIP, MCAST_BLOCK_SOURCE, MCAST_JOIN_SOURCE_GROUP	A duplicate source IP address is specified on the multicast group and interface pair.	Correct the specified source IP address.
49	EADDRNOTAVAIL	IP_UNBLOCK_SOURCE, IP_DROP_SOURCE_MEMBERSHIP, MCAST_UNBLOCK_SOURCE, MCAST_LEAVE_SOURCE_GROUP	A previously blocked source multicast group cannot be found.	Correct the specified address.
50	ENETDOWN	All	The network is down.	Retry when the connection path is up.
51	ENETUNREACH	Connect	The network cannot be reached.	Ensure that the target application is active.
52	ENETRESET	All	The network dropped a connection on a reset.	Reestablish the connection between the applications.
53	ECONNABORTED	All	The software caused a connection abend.	Reestablish the connection between the applications.
54	ECONNRESET	All	The connection to the destination host is not available.	N/A

54	ECONNRESET	Send Write	The connection to the destination host is not available.	The socket is closing. Issue Send() or Write() before closing the socket.
55	ENOBUFS	All	No buffer space is available.	Check the application for massive storage allocation call.
55	ENOBUFS	Accept	Not enough buffer space is available to create the new socket.	Call your system administrator.
55	ENOBUFS	Send Sendto Write	Not enough buffer space is available to send the new message.	Call your system administrator.
55	ENOBUFS	IOCTL (SIOCTTLSTCTL TTLS_Version1 requesting TTLS_RETURN_ CERTIFICATE or TTLS_Version2 query)	The buffer size provided is too small.	For TTLS_Version1 use the returned certificate length to allocate a larger buffer and reissue IOCTL with the larger buffer.
55	ENOBUFS	Takesocket	Not enough buffer space is available to create the new socket.	Call your system administrator.
55	ENOBUFS	IOCTL (SIOCSAPPLDATA)	There is no storage available to store the associated data.	Call your system administrator.
55	ENOBUFS	IP_BLOCK_SOURCE, IP_ADD_SOURCE_ MEMBERSHIP, MCAST_BLOCK_SOURCE, MCAST_JOIN_SOURCE_ GROUP, SIOCSIPMSFILTER, SIOCSMSFILTER, setipv4sourcefilter, setsourcefilter	A maximum of 64 source filters can be specified per multicast address, interface address pair.	Remove unneeded source IP addresses and reenter the command.
56	EISCONN	Connect	The socket is already connected.	Correct the socket descriptor on Connect() or do not issue a Connect() twice for the socket.
57	ENOTCONN	All	The socket is not connected.	Connect the socket before communicating.
57	ENOTCONN	IOCTL (SIOCTTLSTCTL)	The socket is not connected.	Issue the SIOCTTLSTCTL IOCTL only after the socket is connected.
58	ESHUTDOWN	All	A Send cannot be processed after socket shutdown.	Issue read/receive before shutting down the read side of the socket.
59	ETOOMANYREFS	All	There are too many references. A splice cannot be completed.	Call your system administrator.
59	ETOOMANYREFS	IP_ADD_MEMBERSHIP, IP_ADD_SOURCE_ MEMBERSHIP, MCAST_JOIN_GROUP,	A maximum of 20 multicast groups per single UDP socket or a maximum of 256 multicast	Remove unneeded multicast groups and reenter the command.

		MCAST_JOIN_SOURCE_GROUP, IPV6_JOIN_GROUP	groups per single RAW socket can be specified.	
60	ETIMEDOUT	Connect	The connection timed out before it was completed.	Ensure the server application is available.
61	ECONNREFUSED	Connect	The requested connection was refused.	Ensure server application is available and at specified port.
62	ELOOP	All	There are too many symbolic loop levels.	Reduce symbolic links to specified file.
63	ENAMETOOLONG	All	The file name is too long.	Reduce size of specified file name.
64	EHOSTDOWN	All	The host is down.	Restart specified host.
65	EHOSTUNREACH	All	There is no route to the host.	Set up network path to specified host and verify that host name is valid.
66	ENOTEMPTY	All	The directory is not empty.	Clear out specified directory and reissue call.
67	EPROCLIM	All	There are too many processes in the system.	Decrease the number of processes or increase the process limit.
68	EUSERS	All	There are too many users on the system.	Decrease the number of users or increase the user limit.
69	EDQUOT	All	The disk quota has been exceeded.	Call your system administrator.
70	ESTALE	All	An old NFS** data set handle was found.	Call your system administrator.
71	EREMOTE	All	There are too many levels of remote in the path.	Call your system administrator.
72	ENOSTR	All	The device is not a stream device.	Call your system administrator.
73	ETIME	All	The timer has expired.	Increase timer values or reissue function.
74	ENOSR	All	There are no more stream resources.	Call your system administrator.
75	ENOMSG	All	There is no message of the desired type.	Call your system administrator.
76	EBADMSG	All	The system cannot read the message.	Verify that z/OS Communications Server installation was successful and that message files were properly loaded.
77	EIDRM	All	The identifier has been removed.	Call your system administrator.
78	EDEADLK	All	A deadlock condition has occurred.	Call your system administrator.
78	EDEADLK	Select Selectex	None of the sockets in the socket descriptor sets are	Correct the socket descriptor sets so that

			either AF_INET or AF_IUCV sockets and there is no timeout value or no ECB specified. The select/selectex would never complete.	an AF_INET or AF_IUCV socket is specified. A timeout or ECB value can also be added to avoid the select/selectex from waiting indefinitely.
79	ENOLCK	All	No record locks are available.	Call your system administrator.
80	ENONET	All	The requested machine is not on the network.	Call your system administrator.
81	ERREMOTE	All	The object is remote.	Call your system administrator.
82	ENOLINK	All	The link has been severed.	Release the sockets and reinitialize the client-server connection.
83	EADV	All	An ADVERTISE error has occurred.	Call your system administrator.
84	ESRMNT	All	An SRMOUNT error has occurred.	Call your system administrator.
85	ECOMM	All	A communication error has occurred on a Send call.	Call your system administrator.
86	EPROTO	All	A protocol error has occurred.	Call your system administrator.
86	EPROTO	IOCTL (SIOCTTLCTL requesting TTLS_RESET_SESSION, TTLS_RESET_CIPHER, TTLS_STOP_CONNECTION, or TTLS_ALLOW_ HSTIMEOUT)	One of the following errors occurred: • A TTLS_INIT_CONNECTION request has not been received for the connection • TTLS_RESET_CIPHER or TTLS_STOP_CIPHER was requested on a connection that is secured using SSL version 2. • TTLS_ALLOW_HSTIMEOUT was requested but the policy has the HandshakeRole value client or the HandshakeTimeout is 0.	Request TTLS_INIT_CONNECTION prior to requesting TTLS_RESET_SESSION or TTLS_RESET_CIPHER. Request TTLS_RESET_CIPHER or TTLS_STOP_CONNECTION only on connections secured using SSL version 3 or TLS version 1. Request TTLS_ALLOW_HSTIMEOUT only when the security type is TTLS_SEC_SERVER or higher and the HandshakeTimeout is not 0.
87	EMULTIHOP	All	A multihop address link was attempted.	Call your system administrator.
88	EDOTDOT	All	A cross-mount point was detected. This is not an	Call your system administrator.

			error.	
89	EREMCHG	All	The remote address has changed.	Call your system administrator.
90	ECONNCLOSED	All	The connection was closed by a peer.	Check that the peer is running.
113	EBADF	All	Socket descriptor is not in correct range. The maximum number of socket descriptors is set by MAXDESC(). The default range is 0-49.	Reissue function with corrected socket descriptor.
113	EBADF	Bind socket	The socket descriptor is already being used.	Correct the socket descriptor.
113	EBADF	Givesocket	The socket has already been given. The socket domain is not AF_INET.	Correct the socket descriptor.
113	EBADF	Select	One of the specified descriptor sets is an incorrect socket descriptor.	Correct the socket descriptor. Set on Select() or Selectex().
113	EBADF	Takesocket	The socket has already been taken.	Correct the socket descriptor.
113	EBADF	Accept	A Listen() has not been issued before the Accept().	Issue Listen() before Accept().
121	EINVAL	All	An incorrect argument was specified.	Check and correct all function parameters.
121	EINVAL	IOCTL (SIOCSAPPLDATA)	The input parameter is not a correctly formatted SetAppData structure. <ul style="list-style-type: none"> • The SetAD_eye1 value is not valid. • The SetAD_ver value is not valid. • The storage pointed to by SetAD_ptr does not contain a correctly formatted SetADcontainer structure. • The SetAD_eye2 value is not valid. • The SetAD_len value contains an incorrect length for the SetAD_ver version of the SetADcontainer structure. 	Check and correct all function parameters.

122	ECLOSED			
126	ENMELONG			
136	ENOTEMPT			
145	E2BIG	All	The argument list is too long.	Eliminate excessive number of arguments.
156	EMVSINITIAL	All	Process initialization error. This indicates an z/OS® UNIX® process initialization failure. This is usually an indication that a proper OMVS RACF® segment is not defined for the user ID associated with application. The RACF OMVS segment may not be defined or may contain errors such as an improper HOME() directory specification.	Attempt to initialize again. After ensuring that an OMVS Segment is defined, if the errno is still returned, call your MVS™ system programmer to have IBM® service contacted.
157	EMISSED			
1002	EIBMSOCKOUTOFRANGE	Socket	A socket number assigned by the client interface code is out of range.	Check the socket descriptor parameter.
1003	EIBMSOCKINUSE	Socket	A socket number assigned by the client interface code is already in use.	Use a different socket descriptor.
1004	EIBMIUCVERR	All	The request failed because of an IUCV error. This error is generated by the client stub code.	Ensure IUCV/VMCF is functional.
1008	EIBMCONFLICT	All	This request conflicts with a request already queued on the same socket.	Cancel the existing call or wait for its completion before reissuing this call.
1009	EIBMCANCELLED	All	The request was canceled by the CANCEL call.	Informational, no action needed.
1011	EIBMBADTCPNAME	All	A TCP/IP name that is not valid was detected.	Correct the name specified in the IBM_TCPIIMAGE structure.
1011	EIBMBADTCPNAME	Setibmopt	A TCP/IP name that is not valid was detected.	Correct the name specified in the IBM_TCPIIMAGE structure.
1011	EIBMBADTCPNAME	INITAPI	A TCP/IP name that is not valid was detected.	Correct the name specified on the IDENT option TCPNAME field.
1012	EIBMBADREQUESTCODE	All	A request code that is not valid was detected.	Contact your system administrator.
1013	EIBMBADCONNECTIONSTATE	All	A connection token that is not valid was detected; bad state.	Verify TCP/IP is active.
1014	EIBMUNAUTHORIZEDCALLER	All	An unauthorized caller specified an authorized	Ensure user ID has authority for the

			keyword.	specified operation.
1015	EIBMADCONNECTIONMATCH	All	A connection token that is not valid was detected. There is no such connection.	Verify TCP/IP is active.
1016	EIBMTCPABEND	All	An abend occurred when TCP/IP was processing this request.	Verify that TCP/IP has restarted.
1023	EIBMTERMERROR	All	Encountered a terminating error while processing.	Call your system administrator.
1026	EIBMINVDELETE	All	Delete requestor did not create the connection.	Delete the request from the process that created it.
1027	EIBMINVSOCKET	All	A connection token that is not valid was detected. No such socket exists.	Call your system programmer.
1028	EIBMINTCPCONNECTION	All	Connection terminated by TCP/IP. The token was invalidated by TCP/IP.	Reestablish the connection to TCP/IP.
1032	EIBMCALLINPROGRESS	All	Another call was already in progress.	Reissue after previous call has completed.
1036	EIBMNOACTIVETCP	All	TCP/IP is not installed or not active.	Correct TCP/IP name used.
1036	EIBMNOACTIVETCP	Select	EIBMNOACTIVETCP	Ensure TCP/IP is active.
1036	EIBMNOACTIVETCP	Getibmopt	No TCP/IP image was found.	Ensure TCP/IP is active.
1037	EIBMINTSRBUSERDATA	All	The request control block contained data that is not valid.	Call your system programmer.
1038	EIBMINTUSERDATA	All	The request control block contained user data that is not valid.	Check your function parameters and call your system programmer.
1040	EIBMSELECTEXPOST	SELECTEX	SELECTEX passed an ECB that was already posted.	Check whether the user's ECB was already posted.
1112	ECANCEL			
2001	EINVALIDRXSOCKETCALL	REXX™	A syntax error occurred in the RXSOCKET parameter list.	Correct the parameter list passed to the REXX socket call.
2002	ECONSOLEINTERRUPT	REXX	A console interrupt occurred.	Retry the task.
2003	ESUBTASKINVALID	REXX	The subtask ID is incorrect.	Correct the subtask ID on the INITIALIZE call.
2004	ESUBTASKALREADYACTIVE	REXX	The subtask is already active.	Only issue the INITIALIZE call once in your program.
2005	ESUBTASKALNOTACTIVE	REXX	The subtask is not active.	Issue the INITIALIZE call before any other socket call.
2006	ESOCKETNETNOTALLOCATED	REXX	The specified socket could not be allocated.	Increase the user storage allocation for this job.

2007	EMAXSOCKETSREACHED	REXX	The maximum number of sockets has been reached.	Increase the number of allocate sockets, or decrease the number of sockets used by your program.
2009	ESOCKETNOTDEFINED	REXX	The socket is not defined.	Issue the SOCKET call before the call that fails.
2011	EDOMAINSERVERFAILURE	REXX	A Domain Name Server failure occurred.	Call your MVS system programmer.
2012	EINVALIDNAME	REXX	An incorrect <i>name</i> was received from the TCP/IP server.	Call your MVS system programmer.
2013	EINVALIDCLIENTID	REXX	An incorrect <i>clientid</i> was received from the TCP/IP server.	Call your MVS system programmer.
2014	ENIVALIDFILENAME	REXX	An error occurred during NUCEXT processing.	Specify the correct translation table file name, or verify that the translation table is valid.
2016	EHOSTNOTFOUND	REXX	The host is not found.	Call your MVS system programmer.
2017	EIPADDRNOTFOUND	REXX	Address not found.	Call your MVS system programmer.
3412	ENODATA		Message does not exist.	
3416	ELINKED		Stream is linked.	
3419	ERECURSE		Recursive attempt rejected.	
3420	EASYNC		Asynchronous I/O scheduled. This is a normal, internal event that is NOT returned to the user.	
3448	EUNATCH		The protocol required to support the specified address family is not available.	
3464	ETERM		Operation terminated.	
3474	EUNKNOWN		Unknown system state.	
3495	EBADOBJ		You attempted to reference a object that does not exist.	
3513	EOUTOFSTATE		Protocol engine has received a command that is not acceptable in its current state.	

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