

## IBM TCP/IP return codes

This section documents the following TCP/IP return codes:

- [TCP/IP OpenEdition Sockets return codes](#)
- [TCP/IP IUCV return codes](#) (shown in the same format in the tables as in the messages)
- [IUCV IPR codes](#) (shown as 4000rrrr in messages, where rrrr is the IPR code)
- [TCPaccess return codes](#)

### TCP/IP OpenEdition Sockets return codes

See the *OS/390 OpenEdition Messages and Codes* manual for more information and for further return codes.

**[Table 5. OpenEdition sockets return codes](#)**

Return code (Hex)	Explanation
0001	Error in the domain
0002	Result is too large
006F	Permission is denied
0070	The resource is temporarily unavailable
0071	The file descriptor is incorrect
0072	The resource is busy
0073	No child process exists
0074	A resource deadlock is avoided
0075	The file exists
0076	The address is incorrect
0077	The file is too large
0078	A function call is interrupted
0079	The parameter is incorrect
007A	An I/O error occurred
007B	The file specified is a directory
007C	Too many files are open for this process
007D	Too many links occurred
007E	The filename is too long
007F	Too many files are open in the system
0080	No such device exists
0081	No such file, directory, or IPC member exists

0082	The exec call contained a format error (DFSMS error)
0083	No locks are available
0084	Not enough space is available
0085	No space is left on the device, or no space is available to create the IPC member ID
0086	The function is not implemented
0087	Not a directory
0088	The directory is not empty
0089	The I/O control operator is inappropriate
008A	No such device or address exists
008B	The operation is not permitted
008C	The pipe is broken
008D	The specified file system is read only
008E	The seek is incorrect
008F	No such process or thread exists
0090	A link to a file on another file system was attempted
0091	The parameter list is too long, or the message to receive was too large for the buffer
0092	A loop is encountered in symbolic links
0093	The byte sequence is illegal
0095	A value is too large to be stored in the data type
0096	OpenMVS kernel is not active
0097	Dynamic allocation error
0098	Catalog Volume Access Facility error
0099	Catalog obtain error
009C	Process Initialization error
009D	An MVS environmental or internal error has occurred
009E	Bad parameters were passed to the service
009F	HFS encountered a permanent file error
00A2	HFS encountered a system error
00A3	SAF/RACF extract error
00A4	SAF/RACF error
00A7	Access to the OpenMVS version of the C RTL is denied
00A8	The password for the specified resource has expired
00A9	The new password specified is not valid

00AA	A WLM service ended in error
03EA	Socket number assigned by client interface code (for socket() and accept()) is out of range
03EB	Socket number assigned by client interface code is already in use
03ED	Offload box error
03EE	Offload box restarted
03EF	Offload box down
03F0	Already a conflicting call outstanding on socket
03F1	Request cancelled via SOCKcallCANCEL request
03F3	SetIbmOpt specified a name of a PFS that either was not configured or was not a Sockets PFS
044C	Block device required
044D	Text file busy
044E	The descriptor is marked nonblocking, and the requested function cannot complete immediately
044F	Operation now in progress
0450	Operation already in progress
0451	Socket operation on a non-socket
0452	Destination address required
0453	The message is too large to be sent all at once, as required
0454	The socket type is incorrect
0455	Protocol or socket option not available
0456	Protocol not supported
0457	Socket type not supported
0458	The referenced socket is not a type that supports the requested function
0459	Protocol family not supported
045A	The address family is not supported
045B	The address is already in use
045C	Cannot assign requested address
045D	Network is down
045E	Network is unreachable
045F	Network dropped connection on reset
0460	Software caused connection abort
0461	Connection reset by peer
0462	Insufficient buffer space available

0463	The socket is already connected
0464	The socket is not connected
0465	Cannot send after socket shutdown
0466	Too many references: cannot splice
0467	Connection timed out
0468	The attempt to connect was rejected
0469	Host is down
046A	No route to host
046B	Too many processes
046C	Too many users
046D	Disc quota exceeded
046E	Stale NFS file handle
046F	Too many levels of remote in path
0470	Device is not a stream
0471	Timer expired
0472	Out of streams resources
0473	No message of the desired type
0474	Trying to read unreadable message
0475	Identifier removed
0476	Machine is not on the network
0477	Object is remote
0478	The link has been severed
0479	Advertise error
047A	srmount error
047B	Communication error on send
047C	Protocol error
047D	Protocol error
047E	Cross mount point
047F	Remote address change
0480	The asynchronous I/O request has been canceled
0481	Socket send/receive gotten out of order
0482	Unattached streams error
0483	Streams push object error
0484	Streams closed error
0485	Streams link error

0486	Tcp error
Other	See the <i>OS/390 OpenEdition Messages and Codes</i> manual

## TCP/IP IUCV return codes

This table documents many of the TCP/IP return codes that can be returned in messages from the distributed queuing component if you are using TCP/IP as your communications protocol. (The return codes are issued in hex.) See the *TCP/IP Messages and Codes* manual for more information and for further return codes.

**Table 6. TCP/IP return codes**

Return code (Hex)	Explanation
01	Permission denied
02	No such data set or directory
03	No such process
04	Interrupted system call
05	I/O error
06	No such device or address
07	Argument list too long
08	Exec format error
09	Bad data set number
0A	No children
0B	No more processes
0C	Not enough memory
0D	Permission denied
0E	Bad address
0F	Block device required
10	Device busy
11	Data set exists
12	Cross device link
13	No such device
14	Not a directory
15	Is a directory
16	Invalid argument
17	Data set table overflow
18	Too many open data sets

19	Inappropriate device call
1A	Test data set busy
1B	File too large
1C	No space left on device
1D	Illegal seek
1E	Read only data set system
1F	Too many links
20	Broken pipe
23	Operation would block
24	Operation now in progress
25	Operation already in progress
26	Socket operation on non-socket
27	Destination address required
28	Message too long
29	Protocol wrong type for socket
2A	Protocol not available
2B	Protocol not supported
2C	Socket type not supported
2D	Operation not supported on socket
2E	Protocol family not supported
2F	Address family not supported by protocol family
30	Address already in use
31	Cannot assign requested address
32	Network is down
33	Network is unreachable
34	Network dropped connection on reset
35	Software caused connection abort
36	Connection reset by peer
37	No buffer space available
38	Socket already connected
39	Socket not connected
3A	Cannot send after socket shutdown
3B	Too many references, cannot splice
3C	Connection timed out
3D	Connection refused

3E	Too many levels of symbolic loops
3F	File name too long
40	Host is down
41	No route to host
42	Directory not empty
43	Too many processes
44	Too many users
45	Disc quota exceeded
46	Stale NFS data set handle
47	Too many levels of remote in path
48	Device is not a stream
49	Timer expired
4A	Out of streams resource
4B	No message of desired type
4C	Trying to read unreadable message
4D	Identifier removed
4E	Deadlock condition
4F	No record locks available
50	Machine is not on the network
51	Object is remote
52	Link has been severed
53	Advertise error
54	Srmount error
55	Communication error on send
56	Protocol error
57	Multihop attempted
58	Cross mount point
59	Remote address changed
3E8	A bad socket-call constant was found in the IUCV header
3E9	Other IUCV header error, bad length
3EA	Socket number assigned by client interface code (for socket() and accept()) is out of range
3EB	Socket number assigned by client interface code is already in use
3EC	Request failed because of an IUCV error (this error is generated by the client stub code)

3ED	Offload box error
3EE	Offload box restarted
3EF	Offload box down
3F0	Already a conflicting call outstanding on socket
3F1	Request cancelled via SOCKcallCANCEL request
FFFFFFFF	Being cancelled
Other	See the <i>TCP/IP Messages and Codes</i> manual

## IUCV IPR codes

This table documents the IUCV IPR return codes that can be returned in messages from the distributed queuing component if you are using TCP/IP as your communications protocol. (The return codes are issued in hex.)

[Table 7. IUCV IPR codes](#)

IPR code (Hex)	Explanation
00	IUCV error
01	Invalid path ID
02	Path quiesced - sends not allowed
03	Message limit exceeded
04	Priority messages not allowed on this path
05	Answer buffer too short to contain message
06	Storage protection exception on answer buffer
07	Addressing exception on answer buffer
08	Message ID found - Message class or path ID invalid
09	Message has been purged
0A	Message length is negative
0B	Target communicator is not logged on
0C	Target has not done declare buffer
0D	Max connections exceeded
0E	Max target connections exceeded
0F	No authorization found
10	Invalid IUCV system service name
12	Value in IPMSGGLIM exceeds 255
13	Previously declared buffer is still in use
14	Originator has severed this path



15	Parameter list data not allowed on path
16	Send buffer list invalid
17	Negative length in buffer list
18	Incorrect total length of buffer list lengths
19	PRMMSG option invalid with ANSLIST option
1A	Buffer list not on a doubleword boundary
1B	Answer list not on a doubleword boundary
1E	IPAPPC flag in IPFLAGS1 not zero
1F	IUCV function specified on an APPC/MVS path
Other	See the <i>TCP/IP Messages and Codes</i> manual

### **TCPaccess return codes**

Return codes for TCPaccess are not listed in this book. Refer to your TCPaccess documentation for information about these codes.