

Completion Codes

Alphabetized C-2
Numerically ordered C-7

This section contains only SDI and SMDR error codes (completion codes that begin with 0xFFFFC and 0xFFFFE respectively). See the following document for completion codes that begin with:

0xFFFFB *Storage Management Services Utilities Library*

Alphabetized

NWSMSD_ACCESS_DENIED	(0xFFFFCFFFF) Attempted to read or write when no read or write access was granted.
NWSMSD_BUFFER_INCORRECT	(0xFFFFCFFFE) The buffer contains incorrectly formatted SIFD data.
NWSMSD_BUFFER_SIZE_INVALID	(0xFFFFCFFFD) The transfer buffer's size is too small. Set it to the size returned by NWSMSDOpenSessionForReading .
NWSMSD_CORRECTED_MEDIA_ERROR	(0xFFFFCFFFC) Encountered a media error, but the driver corrected it.
NWSMSD_DEVICE_H_INVALID	(0xFFFFCFFFB) <i>deviceHandle</i> is invalid.
NWSMSD_DEVICE_LIST_CHANGED	(0xFFFFCFFFA) While getting the device list, a change in the available devices occurred. Restart NWSMSDListDevices .
NWSMSD_DEVICE_NOT_AVAIL	(0xFFFFCFFF9) The device exists, but is not available (e.g., already subjugated by another engine).
NWSMSD_DEVICE_NOT_EXIST	(0xFFFFCFFF8) The device does not exist.
NWSMSD_DRIVER_ERROR	(0xFFFFCFFCE) The device driver, or the device itself, returned an error
NWSMSD_DRIVER_UNSUPPORT_FUNC	(0xFFFFCFFCB) Attempted to use an unsupported device driver function.
NWSMSD_EARLY_WARNING	(0xFFFFCFFF7) Early warning detected on the media.
NWSMSD_END_OF_MEDIA	(0xFFFFCFFF6) Detected the end of the media.
NWSMSD_HEADER_OVERFLOW	(0xFFFFCFFF5) The media header cannot fit into one sector (the header contains SDI and engine provided information).

NWSMSD_HEADER_TOO_LARGE	(0xFFFFCFFC7) Session or media header contains more data than it should.
NWSMSD_INTERNAL_ERROR	(0xFFFFCFFF4) An unexpected SDI-internal error occurred.
NWSMSD_INVALID_CONNECTION	(0xFFFFCFFF3) An invalid connection number was passed.
NWSMSD_INVALID_MESSAGE_NUMBER	(0xFFFFCFFF2) An invalid message number was passed.
NWSMSD_INVALID_PARAMETER	(0xFFFFCFFF1) One or more of the parameters are null, or contain an invalid value or mode.
NWSMSD_IO_ABORT_GOTO_PREV_ERROR	(0xFFFFCFFCC) I/O function aborted due to a previous error.
NWSMSD_IO_ABORT_SUCCESSFUL	(0xFFFFCFFCD) I/O function aborted successfully.
NWSMSD_LOCATION_INVALID	(0xFFFFCFFEE) Destination location is invalid.
NWSMSD_MEDIA_CHANGED	(0xFFFFCFFF5) The media was unexpectedly changed since it was last identified.
NWSMSD_MEDIA_CORRECTED	(0xFFFFCFFED) Data from the medium is valid, but error correction was used to correct it.
NWSMSD_MEDIA_FAILED	(0xFFFFCFFEC) Media Manager reported a failure while attempting a read or write operation.
NWSMSD_MEDIA_H_INVALID	(0xFFFFCFFEB) <i>mediaHandle</i> is invalid.
NWSMSD_MEDIA_LIST_CHANGED	(0xFFFFCFFE9) While getting the media list, a change in the available media occurred. Restart NWSMSDListMedia .
NWSMSD_MEDIA_MOUNTED	(0xFFFFCFFE6) Attempting an illegal operation on a mounted media (e.g., trying to move a mounted media).
NWSMSD_MEDIA_NOT_AVAIL	(0xFFFFCFFE5) Media exists, but is not available.
NWSMSD_MEDIA_NOT_EXIST	(0xFFFFCFFE4) Media does not exist.
NWSMSD_MEDIA_NOT_LABELED	(0xFFFFCFFE3) Media does not have a valid SMS label.

NWSMSD_MEDIA_NOT_MOUNTED	(0xFFFFCFFE2) The medium was not mounted by NWSMSDMountMedia .
NWSMSD_NO_ALERT_CONNECTION	(0xFFFFCFFE0) No available connection for alert routine.
NWSMSD_NO_BUFFER_MEMORY	(0xFFFFCFFDF) No memory available.
NWSMSD_NO_READ_MODE	(0xFFFFCFFDE) The engine does not have read access rights.
NWSMSD_NO_SESSION_DATA	(0xFFFFCFFDD) Attempting to read past the end of the session (see NWSMSDReadSessionData).
NWSMSD_NO_WRITE_MODE	(0xFFFFCFFDC) The engine does not have write access.
NWSMSD_NONSMS_COMPLIANT	(0xFFFFCFFE1) Attempting to create a non-SMS media. Operation aborted.
NWSMSD_NOT_SMS_MEDIA	(0xFFFFCFFD9) The partition is not an SMS media or partition.
NWSMSD_OS_ERROR	(0xFFFFCFFCF) The OS returned an error.
NWSMSD_OUT_OF_MEMORY	(0xFFFFCFFDA) SDI memory allocation failed.
NWSMSD_POSITION_INVALID	(0xFFFFCFFD8) The position requested is not valid (e.g., a relative mode was specified, but either the expected session number or the expected block number is 0).
NWSMSD_POSITION_NOT_FOUND	(0xFFFFCFFD7) The position requested is not located on the media.
NWSMSD_SESSION_H_INVALID	(0xFFFFCFFD6) The session handle is invalid, because either the session is not opened or the medium is no longer positioned within the requested session.
NWSMSD_SESSION_NOT_FOUND	(0xFFFFCFFD5) The session header was not found at the specified location. If a session description was provided, the matching session was not found.
NWSMSD_TIME_OUT	(0xFFFFCFFD4) The operation timed out.
NWSMSD_TRANSFER_BUFFER_OVERFLOW	(0xFFFFCFFD3) The provided transfer buffer is too small to contain the medium's transfer buffer. SDI transferred as much data it could, but the remaining data is lost.

NWSMSD_UNABLE_TO_CANCEL_TRANSFR	(0xFFFFCFFD2)	One or more transfer requests could not be canceled. SDI will complete the request normally.
NWSMSD_UNSUPPORTED_FUNCTION	(0xFFFFCFFD1)	The function is not supported by the device driver.
NWSMSD_UNSUPPORTED_SERVICE	(0xFFFFCFFD0)	The parameter or parameters are not supported by this version of SDI.
NWSMDR_DECRYPTION_FAILURE	(0xFFFFEFFF9)	
NWSMDR_ENCRYPTION_FAILURE	(0xFFFFEFFF8)	
NWSMDR_END_ERROR_CODES	(0xFFFFEFFF1)	
NWSMDR_INVALID_CONNECTION	(0xFFFFEFFFFF)	An invalid connection handle was passed to the SMDR .
NWSMDR_INVALID_PARAMETER	(0xFFFFEFFFFE)	One or more of the parameters are null or invalid.
NWSMDR_INVALID_PROTOCOL	(0xFFFFEFFF2)	
NWSMDR_MODULE_ALREADY_EXPORTED	(0xFFFFEFFFFA)	
NWSMDR_NO_MORE_CONNECTIONS	(0xFFFFEFFF1)	
NWSMDR_NO_MORE_DATA	(0xFFFFEFFF4)	
NWSMDR_NO_SOCKETS	(0xFFFFEFFF3)	
NWSMDR_NO_SUCH_SMDR	(0xFFFFEFFF6)	
NWSMDR_OUT_OF_MEMORY	(0xFFFFEFFFFD)	SMDR memory allocation failed
NWSMDR_SMDR_CONNECT_FAILURE	(0xFFFFEFFF5)	
NWSMDR_TRANSPORT_FAILURE	(0xFFFFEFFFFC)	The transport mechanism failed.
NWSMDR_TSA_NOT_LOADED	(0xFFFFEFFF7)	

NWSMDR_UNSUPPORTED_FUNCTION

(0xFFFEFFFB) The requested function is not supported by the SMDR.

NWSMSD_WAIT_PENDING

(0xFFFFFFFF)

Numerically ordered

0xFFFFCFFC7	NWSMSD_HEADER_TOO_LARGE: Session or media header contains more data than it should.
0xFFFFCFFCB	NWSMSD_DRIVER_UN SUPPORT_FUNC: Attempted to use an unsupported device driver function.
0xFFFFCFFCC	NWSMSD_IO_ABORT_GOTO_PREV_ERROR: I/O function aborted due to a previous error.
0xFFFFCFFCD	NWSMSD_IO_ABORT_SUCCESSFUL: I/O function aborted successfully.
0xFFFFCFFCE	NWSMSD_DRIVER_ERROR: The device driver, or device itself, returned an error
0xFFFFCFFCF	NWSMSD_OS_ERROR: The OS returned an error.
0xFFFFCFFD0	NWSMSD_UNSUPPORTED_SERVICE: The parameter(s) is not supported by this version of SDI.
0xFFFFCFFD1	NWSMSD_UNSUPPORTED_FUNCTION: The function is not supported by the device driver.
0xFFFFCFFD2	NWSMSD_UNABLE_TO_CANCEL_TRANSFR: One or more transfer requests could not be canceled. SDI will complete the request normally.
0xFFFFCFFD3	NWSMSD_TRANSFER_BUFFER_OVERFLOW: The provided transfer buffer is too small to contain the media's transfer buffer. SDI transferred as much data it could. The remaining data is lost.
0xFFFFCFFD4	NWSMSD_TIME_OUT: The operation timed out.
0xFFFFCFFD5	NWSMSD_SESSION_NOT_FOUND: The session header was not found at the specified location. If a session description was provided, the matching session was not found.
0xFFFFCFFD6	NWSMSD_SESSION_H_INVALID: The requested session handle is invalid, because either the session was not opened or the medium is no longer positioned within the requested session.
0xFFFFCFFD7	NWSMSD_POSITION_NOT_FOUND: The position requested was not located on the media.
0xFFFFCFFD8	NWSMSD_POSITION_INVALID: The position requested is not valid (e.g., a relative mode was specified, but either the expected session number or the expected block number is 0).
0xFFFFCFFD9	NWSMSD_NOT_SMS_MEDIA: The partition is not an SMS media or partition.

0xFFFFCFFDA	NWSMSD_OUT_OF_MEMORY: SDI memory allocation failed.
0xFFFFCFFDC	NWSMSD_NO_WRITE_MODE: The engine does not have write access.
0xFFFFCFFDD	NWSMSD_NO_SESSION_DATA: Attempting to read past the end of the session (see NWSMSDReadSessionData).
0xFFFFCFFDE	NWSMSD_NO_READ_MODE: The engine does not have read access.
0xFFFFCFFDF	NWSMSD_NO_BUFFER_MEMORY: No memory available.
0xFFFFCFFE0	NWSMSD_NO_ALERT_CONNECTION: No available connection for alert routine.
0xFFFFCFFE1	NWSMSD_NONSMS_COMPLIANT: Attempting to create a non-SMS media. Operation aborted.
0xFFFFCFFE2	NWSMSD_MEDIA_NOT_MOUNTED: The medium was not mounted by NWSMSDMountMedia .
0xFFFFCFFE3	NWSMSD_MEDIA_NOT_LABELED: Media does not have a valid SIDF label.
0xFFFFCFFE5	NWSMSD_MEDIA_NOT_AVAIL: Media exists, but is not available.
0xFFFFCFFE4	NWSMSD_MEDIA_NOT_EXIST: Media does not exist.
0xFFFFCFFE6	NWSMSD_MEDIA_MOUNTED: Attempting an illegal operation on a mounted media (e.g., trying to move a mounted media).
0xFFFFCFFE9	NWSMSD_MEDIA_LIST_CHANGED: While getting the media list, a change in the available media occurred. Restart NWSMSDListMedia .
0xFFFFCFEB	NWSMSD_MEDIA_H_INVALID: <i>mediaHandle</i> is invalid.
0xFFFFCFECC	NWSMSD_MEDIA_FAILED: Media Manager reported a failure while attempting a read or write operation.
0xFFFFCFEED	NWSMSD_LOCATION_INVALID: Destination location is invalid.
0xFFFFCFEED	NWSMSD_MEDIA_CORRECTED: Data from the medium is valid, but error correction was used to correct it.
0xFFFFCFFF1	NWSMSD_INVALID_PARAMETER: One or more of the parameters are null, or contain an invalid value or mode.
0xFFFFCFFF2	NWSMSD_INVALID_MESSAGE_NUMBER: An invalid message number was passed.
0xFFFFCFFF3	NWSMSD_INVALID_CONNECTION: An invalid connection number was passed.

0xFFFFCFFF4	NWSMSD_INTERNAL_ERROR: An unexpected SDI-internal error occurred.
0xFFFFCFFF5	NWSMSD_MEDIA_CHANGED: The media was unexpectedly changed since it was last identified.
0xFFFFCFFF6	NWSMSD_END_OF_MEDIA: Detected the end of the media.
0xFFFFCFFF7	NWSMSD_EARLY_WARNING: Early warning detected on the media.
0xFFFFCFFF8	NWSMSD_DEVICE_NOT_EXIST: The device does not exist.
0xFFFFCFFF9	NWSMSD_DEVICE_NOT_AVAIL: The device exists, but is not available (e.g., already subjugated by another engine).
0xFFFFCFFFA	NWSMSD_DEVICE_LIST_CHANGED: While getting the device list, a change in the available devices occurred. Restart NWSMSDListDevices .
0xFFFFCFFFB	NWSMSD_DEVICE_H_INVALID: <i>deviceHandle</i> is invalid.
0xFFFFCFFFC	NWSMSD_CORRECTED_MEDIA_ERROR: Encountered a media error, but the driver corrected it.
0xFFFFCFFFD	NWSMSD_BUFFER_SIZE_INVALID: The transfer buffer's size is too small. Set it to the size returned by NWSMSDOpenSessionForReading .
0xFFFFCFFFE	NWSMSD_BUFFER_INCORRECT: The buffer contains incorrectly formatted SIDF data.
0xFFFFCFFF	NWSMSD_ACCESS_DENIED: Attempted to read or write when no read or write access was granted.
0xFFFFEFFF1	NWSMDR_NO_MORE_CONNECTIONS
0xFFFFEFFF2	NWSMDR_INVALID_PROTOCOL
0xFFFFEFFF3	NWSMDR_NO_SOCKETS
0xFFFFEFFF4	NWSMDR_NO_MORE_DATA
0xFFFFEFFF6	NWSMDR_NO_SUCH_SMDR
0xFFFFEFFF7	NWSMDR_TSA_NOT_LOADED
0xFFFFEFFF8	NWSMDR_ENCRYPTION_FAILURE
0xFFFFEFFF9	NWSMDR_DECRYPTION_FAILURE
0xFFFFEFFF	NWSMDR_MODULE_ALREADY_EXPORTED

0xFFFEFFFB	NWSMDR_UNSUPPORTED_FUNCTION: The requested function is not supported by the SMDR
0xFFFEFFFC	NWSMDR_TRANSPORT_FAILURE: The transport mechanism has failed
0xFFFEFFFD	NWSMDR_OUT_OF_MEMORY: SMDR memory allocation failed
0xFFFEFFF5	NWSMDR_SMDR_CONNECT_FAILURE
0xFFFEFFFE	NWSMDR_INVALID_PARAMETER: One or parameters of the parameters are null or invalid
0xFFFEFFFF	NWSMDR_INVALID_CONNECTION: An invalid connection handle was passed to the SMDR
0xFFFFFFF	NWSMSD_WAIT_PENDING

