ZENworks Application Management Error Codes Unveiled

Written by Matt Brooks

When using NAL, various and sundry error codes may be reported. At times this may seem very confusing but if you have the power of this document, you too can decipher these codes into meaningful information.

There are two kind of error codes, operation and failure codes. An operation code is a code that identifies the operation being attempted when an error occurred. A failure code is an error code encountered when attempting some operation. For example, an error may consist of the operation code 0xD003, and failure code 67, which would mean, we were trying to connect to a server when we got error code 67, bad network name (server not found).

Common Failure Codes

Failure codes are the second number in the error code pair. Failure codes come from many sources. The two most common sources is NetWare and Window. Listed below is the most common NetWare and Windows error codes encountered when using NAL.

NetWare / NDS Errors

-128 Lock failed
Unable to access a stream in NDS. Someone else has the stream opened in a non-shareable mode. For example: if the stream is open for reading, the stream may not be opened in a write mode, others may open it for reading. If the stream is open for writing, no one else may open it at all.

-601 No such entry
The object no longer exists or the user no longer has access to the object.

-602 No such value
The attribute requested does not exist

-603 No such attribute
The attribute requested does not exist on the class of that object.

-604 No such class
The class requested does not exist.

-610 Illegal DS name
The DS name specified contains illegal characters.

-649 Insufficient buffer
The buffer passed to DS was too small for the request being made.

Windows Errors

2 File not found
File is not found or the DLLs needed for the EXE to run are missing or not found.

3 Path not found
The path referenced does not exist or is not visible to the user.

5 Access denied
The item referenced is either in use or the user does not have rights to access is.

8 Not enough memory
There is not enough memory available to process the command

53 Bad net path
The network path specified does not exist.

67 Bad net name
The network name cannot be found

82 Cannot create directory or file
The file or directory specified could not be created.

112 Disk full
The disk is full.

267 Error directory
The path referenced does not exist or is not visible to the user.

1203 No net or bad path
No network provider accepted the given network path.

Operation Codes

Operation codes are NAL specific codes used to identify the operation being attempted when an error occurred. When using the Application Launcher or Application Explorer, most if not all operation codes are 'decoded' by the software and an appropriate message is displayed.

0xD000 (53248)
Unable to get attributes for application object [object Name] (id=number)
Possible Causes:
Object does not exist in DS
User does not have rights to read object attributes

0xD001 (53249)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Invalid drive path [specified drive path]
Possible Causes: Specified path is incorrect format or not found

0xD002 (53250)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Invalid queue path [specified queue path]
Possible Causes:
Queue does not exist in specified location
Specified Queue name is incorrect

0xD003 (53251)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Unable to connect to server [server name]
Possible Causes:
Server is not available
Incorrect server name

0xD004 (53252)*
Could not get needed resources for application
[application name] to be launched (id=number).
Problem: Drive requested is already in use. Unable to map drive [drive letter]
Possible Causes:
Drive is already mapped to a location different form the requested location

0xD004 (53252)*
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Unable to map drive [drive letter]
Possible Causes:
Target server is not available
Inadequate rights to t arget server
Directory does not exist
Volume does not exist

0xD005 (53253)*
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Port requested is already in use.
Possible Causes:
Port is already in use to a different Queue than the one requested

0xD005 (53253)*
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Unable to capture port [whole capture string]
Possible Causes:
No rights to Queue
Queue does not exist

0xD006 (53254)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Invalid capture parameter [whole capture string]
Possible Causes:
Unknown capture parameter

0xD007 (53255)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Setting capture settings [whole capture string]]
Possible Causes:
Unable to set desired capture flags

0xD008 (53256)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Script execution failed (error #)
Possible Causes:
General error when tryin g to run script

0xD009 (53257)*
Could not launch [application name] (using specified path) (id=number)
Problem: File was not found or DLLs required to run are missing.
Possible Causes:
.EXE file not found
DLLs required for the .EXE not found

0xD009 (53257)*
Could not launch [application name] (using specified path) (id=number)
Problem: Path specified is invalid.
Possible Causes:
Path specified to .EXE or working directory not found

0xD009 (53257)*
Could not launch [application name] (using specified path) (id=number)
Problem: Not enough memory to run application.
Possible Causes:
Low on memory

0xD009 (53257)*
Could not launch [application name] (using specified path) (id=number)
Problem: One of the library files needed to run this application is damaged.
Possible Causes:
DLL required by the application is corrupt

0xD009 (53257)*
Could not launch [application name] (using specified path) (id=number)
Problem: The specified program requires Microsoft Windows 32-bit extensions.
Possible Causes:
Trying to run a Win32 application on Windows 3.1

0xD00A (53258)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Script processing library (library name) could not be found.
Possible Causes:
Could not find the following libraries on :
Windows 3.1x ? LOGIN31.DLL, LGNW3116.DLL
Windows 95 ? LOGINW95.DLL, LGNW9532.DLL
Windows NT ? LOGINWNT.DLL,
 LGNWNT32.DLL

0xD010 (53264)
Application was not launched due to a terminate command in the pre-launch script.
Possible Causes:
Term "#" where # was a non-zero number that was executed in the pre-launch script

0xD011 (53265)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Search drives are not available for mapping [specified drive]
Possible Causes:
On Windows 3.1 must be running in enhanced mode and have NetWare driver v3.0 or greater

0xD012 (53266)
Could not get needed resources for application [application name] to be launched (id=number).
Problem: Scripts cannot be run without a newer [file name] file. Contact your system administrator for newer script processing files.
Possible Causes:
Could not find the following libraries on :
Windows 3.1x ? LOGIN31.DLL, LGNW3116.DLL
Windows 3.1x LOGIN31.DLL must be v.14 or
 greater
Windows 95 ? LOGINW95.DLL, LGNW9532.DLL
Windows NT ? LOGINWNT.DLL,
 LGNWNT32.DLL

0xD013 (53267)
Could not configure workstation for application [application name] (id=number).
Problem: Invalid registry settings. (D013)
Possible Causes:
Registry settings stored in application object is corrupt

0xD014 (53268)
Could not configure workstation for application [application name]
(id=number).
Problem: Invalid INI settings. (D014)
Possible Causes:
.INI settings stored in application object is corrupt

0xD015 (53269)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to create rollback files. (D015)
Possible Causes:
Not enough disk space on local drive where TEMP directory is located

0xD016 (53270)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to process registry setting [specified setting]. (D016)
Possible Causes:
Invalid Key name
Unable to Create/Modify/Delete registry setting

0xD017 (53271)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to process INI setting [specified setting]. (D017)
Possible Causes:
Unable to Create/Modify/Delete INI setting

0xD018 (53272)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to copy file [file name]. (D018)
Possible Causes:
Source file does not exist.
No rights to copy file
No rights to source files

0xD019 (53273)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to delete file [file name]. (D019)
Possible Causes:
No rights to delete file

0xD01A (53274)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to process text file setting [specified setting]. (D01A)
Possible Causes:
Unable to create file

0xD01C (53276)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to process Group/Shortcut setting [specified setting].
(D01C)
Possible Causes:
Unable to read group/link settings from application object
Unable to create groups ? invalid characters in name
Invalid name or path for Icon or shortcut

0xD01D (53277)
<Never displayed> Distribution was declined by the user**.**

0xD01E (53278)
Could not configure workstation for application [application name]
(id=number).
Problem: Unable to access needed network resource [DS attribute name]
Possible causes:
Unable to access DS attribute.

0xD01F (53279)
Could not configure workstation for application [application name]
(id=number).
Problem: Invalid distribution settings in [DS attribute name].
Possible causes:
Stream in DS is corrupt.

0xD020 (53280)
Could not configure workstation for application [application name]
(id=number).
Problem: Novell Licensing Services are not available for [DS name of
license product container].
Possible causes:
NLS services could not be accessed due to the NLS server not being
available. You must be attached to at least one server with NLS loaded on
it.

0xD021 (53281)
Could not configure workstation for application [application name]
(id=number).
Problem: There are no licenses available for [DS name of license product
container]
Possible causes:
The number of licenses available for this product has been exceeded.

0xD022 (53282)
Could not configure workstation for application [application name]
(id=number).
Problem: Novell Licensing Services are not installed on this workstation
for [DS name of license product container]
Possible causes:
The NLS DLLs needed to make NLS API calls are not available or
properly installed on this workstation.

0xD023 (53283)
Could not launch [application name] (id=number)
Problem: Application Launcher NT Service was not found to run the
application as system user.
Possible causes:
Application Launcher NT Service (NALNTSRV.EXE) is either not loaded
or an old version is loaded that does not support launching an application
as the system user.

0xD024 (53284)
Could not launch [application name] (id=number)
Problem: Application Launcher NT Service was not functioning to run the
application as system user.
Possible causes:
Application Launcher NT Service (NALNTSRV.EXE) is either not loaded
or an old version is loaded that does not support launching an application
as the system user.

0xD025 (53285)
Unable to communicate with workstation process for [application name]
(id=number)
Possible causes:
Application Launcher Workstation process (ZENAPPWS.DLL) was
unloaded from memory. Restart the "NAL
Workstation Association Agent" from the "Novell Desktop Management"
icon in the system tray.