

\$1#21334455627+8K9**NetWare API**

Copyright Notice

Accounting Services	Apple Filing Protocol Services
Bindery Services	Connection Services
Diagnostics Services	Directory Services
Error Code Global Constants	File Services
File Server Environment Services	Message Services
Miscellaneous Services	Name Space Services
Print Services	Print Server Services
Print Queue Services	Service Advertising Protocol
Synchronization Services	Transaction Tracking Services
Workstation Environment Services	

1\$ NetWare API

2# NetWare_API

3¹ Help Magician footnote: DO NOT EDIT; 3; 2; 2; 0; 1; 2.28;K:\DEV\HLP\MAGIC\HCP.EXE;K:\DEV\WINWORD\WINWORD.EXE;

4³ Help Magician footnote: DO NOT EDIT; 0; 0; 0; 0; 0; 0; 0; 0; 0; Copyright 1993, Novell, Inc.;

5⁴ Help Magician footnote: DO NOT EDIT;

6⁵ Help Magician footnote: DO NOT EDIT;NetWare Interface;

7² Help Magician footnote: DO NOT EDIT; 1

8+ NetWare_API:001

9^K Accounting Services;Apple Filing Protocol Services;Bindery Services;Connection Services;Diagnostics Services;Directory Services;Error Code Global Constants;File Server Environment Services;File Services;Message Services;Miscellaneous Services;Name Space Services;NetWare API;Print Queue Services;Print Server Services;Print Services;Service Advertising Protocol;Synchronization Services;Transaction Tracking Services;Workstation Environment Services;

¹⁰_{\$}¹¹_#¹²₂¹³₊¹⁴_K **Accounting Services**

~~Accounting Services Global Constants~~

~~AccountingInstalled~~

~~SubmitAccountCharge~~

~~SubmitAccountNote~~

~~GetAccountStatus~~

~~SubmitAccountHold~~

¹⁰_{\$} Accounting Services

¹¹_# Accounting_Services

¹²₂ Help Magician footnote: DO NOT EDIT; 0

¹³₊ NetWare_API:003

¹⁴_K Accounting Services;Accounting Services AccountingInstalled;Accounting Services Global Constants;GetAccountStatus;SubmitAccountCharge;SubmitAccountHoldSubmitAccountCharge;SubmitAccountNote;

\$15#16217+18K19**Apple Filing Protocol Services**

AFPS Structures

AFPAllocTemporaryDirHandle	AFPCreateDirectory
AFPCreateFile	AFPDelete
AFPDirectoryEntry	AFPGetEntryIDFromName
AFPGetEntryIDFromNetWareHandle	AFPGetEntryIDFromPathName
AFPGetFileInformation	AFPOpenFileFork
AFPRename	AFPScanFileInformation
AFPSetFileInformation	AFPSupported

15\$ Apple Filing Protocol Services

16# Apple_Filing_Protocol_Services

17² Help Magician footnote: DO NOT EDIT; 0

18⁺ NetWare_API:004

19K

AFPAllocTemporaryDirHandle;AFPCreateDirectory;AFPCreateFile;AFPDelete;AFPDDirectoryEntry;AFPGetEntryIDFromName;AFPGetEntryIDFromNetWareHandle;AFPGetEntryIDFromPathName;AFPGetFileInformation;AFPOpenFileFork;AFPRename;AFPS Structures;AFPScanFileInformation;AFPSetFileInformation;AFPSupported;Apple Filing Protocol Services;

\$20#21222+23K24 **Bindery Services**

~~Bindery Services Global Constants~~

~~AddBinderyObjectToSet
ChangeBinderyObjectSecurity
CloseBindery
CreateProperty
DeleteBinderyObjectFromSet
GetBinderyAccessLevel
GetBinderyObjectID
IsBinderyObjectInSet
ReadPropertyValue
ScanBinderyObject
ScanProperty
WritePropertyValue~~

~~Bindery Services Structures~~

~~ChangeBinderyObjectPassword
ChangePropertySecurity
CreateBinderyObject
DeleteBinderyObject
DeleteProperty
GetBinderyObjectDiskSpaceLeft
GetBinderyObjectName
OpenBindery
RenameBinderyObject
ScanBinderyObjectTrusteePaths
VerifyBinderyObjectPassword~~

20^S Bindery Services

21[#] Bindery_Services

22² Help Magician footnote: DO NOT EDIT; 0

23⁺ NetWare_API:005

24^K AddBinderyObjectToSet;Bindary Services Global Constants;Bindary Services Structures;Bindery Services;ChangeBinderyObjectPassword;ChangeBinderyObjectSecurity;ChangePropertySecurity;CloseBindery;CreateBinderyObject;CreateProperty;DeleteBinderyObject;DeleteBinderyObjectFromSet;DeleteProperty;GetBinderyAccessLevel;GetBinderyObjectDiskSpaceLeft;GetBinderyObjectID;GetBinderyObjectName;IsBinderyObjectInSet;OpenBindery;ReadPropertyValue;RenameBinderyObject;ScanBinderyObject;ScanBinderyObjectTrusteePaths;ScanProperty;VerifyBinderyObjectPassword;WritePropertyValue;

²⁵_{#26}²⁷+²⁸K²⁹**Connection Services**

Connection Services Structures

AttachToFileServer	AttachToFileServerWithAddress
DetachFromFileServer	EnterLoginArea
GetConnectionInformation	GetConnectionNumber
GetInternetAddress	GetObjectConnectionNumbers
GetStationAddress	LoginToFileServer
Logout	LogoutFromFileServer

²⁵_S Connection Services
²⁶_# Connection_Services
²⁷² Help Magician footnote: DO NOT EDIT; 0
²⁸⁺ NetWare_API:006
²⁹_K Connection Services;

\$³⁰#³¹2³²+³³K³⁴**Diagnostics Services**

Diagnostic Services Global Constants	Diagnostic Services Structures
AbortSendingPackets	GetIPXSPXVersion
GetIPXStatistics	GetSPXStatistics
ReturnReceivedPacketCount	StartCountingPkts
StartSendingPkts	
GetBridgeDriverConfiguration	GetBridgeDriverStatistics
GetBridgeDriverStatus	GetShellDriverConfiguration
GetShellDriverStatistics	
BeginDiagnostics	EndDiagnostics
FindComponentOffset	GetOSVersionInfo
GetPrimaryServerNumber	GetServerAddressTable
GetServerNameTable	GetShellAddress
GetShellStatistics	GetShellVersionInfo
GetAllKnownNetWorks	GetAllKnownServers
GetBridgeStatistics	GetLocalTables
GetSpecificNetworkInfo	GetSpecificServerInfo

³⁰^S Diagnostics Services

³¹[#] Diagnostics_Services

³²² Help Magician footnote: DO NOT EDIT; 0

³³⁺ NetWare_API:007

³⁴^K Diagnostics Services;

\$³⁵#³⁶2³⁷+³⁸K³⁹Directory Services

Directory Services Global Constants

AddTrusteeToDirectory
 AllocTemporaryDirectoryHandle
 CreateDirectory
 DeleteDirectory
 DeleteTrusteeFromDirectory
 GetDirectoryHandle
 GetDirEntry
 GetDriveInformation
 GetEffectiveRights
 GetSearchDriveVector
 GetVolumeInfoWithHandle
 GetVolumeName
 GetVolUsage
 MapDrive
 MapV2TrusteeRightsToV3
 ModifyMaximumRightsMask
 RenameDirectory
 SaveDirectoryHandle
 ScanDirectoryInformation
 ScanDirRestrictions
 ScanVolForRestrictions
 SetDirectoryInformation
 SetDrivePath
 SetSearchDriveVector
 SetVolRestriction

Directory Services Structures

AllocPermanentDirectoryHandle
 ClearVolRestrictions
 DeallocateDirectoryHandle
 DeleteTrustee
 GetCurrentDirectory
 GetDirectoryPath
 GetDirInfo
 GetEffectiveDirectoryRights
 GetObjectDiskRestrictions
 GetVolumeInformation
 GetVolumeInfoWithNumber
 GetVolumeNumber
 IsSearchDrive
 MapDriveUsingString
 MapV3TrusteeRightsToV2
 MoveEntry
 RestoreDirectoryHandle
 ScanDirectoryForTrustees
 ScanDirEntry
 ScanEntryForTrustees
 SetDirectoryHandle
 SetDirRestriction
 SetEntry
 SetTrustee

³⁵ Directory Services

³⁶ Directory_Services

³⁷ Help Magician footnote: DO NOT EDIT; 0

³⁸ NetWare_API:008

³⁹ Directory Services;

\$40#41242+43K44**Error Code Global Constants**

uint SERVER_NOT_IN_USE	= 0	
uint SHELL_VERSION_TOO_OLD	= 0	
uint SUCCESSFUL	= 0	
uint TTS_NOT_AVAILABLE	= 0	
uint SEMAPHORE_OVERFLOW	= 1	
uint SERVER_IN_USE	= 1	
uint TTS_AVAILABLE	= 1	
uint INVALID_MODE	= 125	
uint FILE_IN_USE_ERROR	= 128	
uint NO_MORE_FILE_HANDLES	= 129	
uint NO_OPEN_PRIVILEGES		= 130
uint IO_ERROR_NETWORK_DISK	= 131	
uint NO_CREATE_PRIVILEGES	= 132	
uint NO_CREATE_DELETE_PRIVILEGES	= 133	
uint CREATE_FILE_EXISTS_READ_ONLY	= 134	
uint WILD_CARDS_IN_CREATE_FILE_NAME	= 135	
uint INVALID_FILE_HANDLE	= 136	
uint NO_SEARCH_PRIVILEGES	= 137	
uint NO_DELETE_PRIVILEGES	= 138	
uint NO_RENAME_PRIVILEGES	= 139	
uint NO_MODIFY_PRIVILEGES	= 140	
uint SOME_FILES_AFFECTED_IN_USE		= 141
uint NO_FILES_AFFECTED_IN_USE	= 142	
uint SOME_FILES_AFFECTED_READ_ONLY	= 143	
uint NO_FILES_AFFECTED_READ_ONLY	= 144	
uint SOME_FILES_RENAMED_NAME_EXISTS	= 145	
uint NO_FILES_RENAMED_NAME_EXISTS	= 146	
uint NO_READ_PRIVILEGES		= 147
uint NO_WRITE_PRIVILEGES_OR_READONLY	= 148	
uint FILE_DETACHED	= 149	
uint SERVER_OUT_OF_MEMORY	= 150	
uint NO_DISK_SPACE_FOR_SPOOL_FILE	= 151	
uint VOLUME_DOES_NOT_EXIST	= 152	
uint DIRECTORY_FULL	= 153	
uint ERR_DIRECTORY_FULL		= 153
uint RENAMING_ACROSS_VOLUMES		= 154
uint BAD_DIRECTORY_HANDLE	= 155	
uint INVALID_PATH	= 156	
uint NO_MORE_TRUSTEES	= 156	
uint NO_MORE_DIRECTORY_HANDLES	= 157	
uint INVALID_FILENAME	= 158	
uint DIRECTORY_ACTIVE	= 159	
uint DIRECTORY_NOT_EMPTY	= 160	
uint DIRECTORY_IO_ERROR		= 161
uint READ_FILE_WITH_RECORD_LOCKED	= 162	
uint NW_BAD_DISK_NUMBER	= 163	
uint NW_UNUSED_DISK_NUMBER	= 164	

40^S Error Code Global Constants

41[#] Error_Code_Global_Constants

42² Help Magician footnote: DO NOT EDIT; 0

43⁺ NetWare_API:009

44^K Error Code Global Constants;

uint SEARCH_DRIVE_VECTOR_FULL		= 176
uint DRIVE_IS_NOT_MAPPED	= 177	
uint CANT_MAP_LOCAL_DRIVE	= 178	
uint INVALID_MAP_TYPE	= 179	
uint INVALID_DRIVE_LETTER	= 180	
uint NO_DRIVE_AVAILABLE		= 181
uint WORKSTATION_OUT_OF_MEMORY	= 182	
uint NO_SUCH_SEARCH_DRIVE	= 183	
uint PATH_ENVIRON_VARIABLE_INVALID	= 184	
uint NO_ACCT_PRIVILEGES	= 192	
uint LOGIN_DENIED_NO_ACCOUNT_BALANCE		= 193
uint NO_ACCT_BALANCE	= 193	
uint ACCT_CREDIT_LIMIT_EXCEEDED		= 194
uint LOGIN_DENIED_NO_CREDIT	= 194	
uint ACCT_TOO_MANY_HOLDS	= 195	
uint INTRUDER_DETECTION_LOCK	= 197	
uint NO_CONSOLE_OPERATOR	= 198	
uint PASSWORD_NOT_UNIQUE	= 215	
uint PASSWORD_TOO_SHORT	= 216	
uint LOGIN_DENIED_NO_CONNECTION	= 217	
uint UNAUTHORIZED_LOGIN_TIME	= 218	
uint UNAUTHORIZED_LOGIN_STATION	= 219	
uint ACCOUNT_DISABLED	= 220	
uint PASSWORD_HAS_EXPIRED_NO_GRACE	= 222	
uint PASSWORD_HAS_EXPIRED	= 223	
uint NOT_ITEM_PROPERTY	= 232	
uint WRITE_PROPERTY_TO_GROUP	= 232	
uint MEMBER_ALREADY_EXISTS	= 233	
uint NO_SUCH_MEMBER	= 234	
uint NOT_GROUP_PROPERTY	= 235	
uint NO_SUCH_SEGMENT	= 236	
uint PROPERTY_ALREADY_EXISTS	= 237	
uint OBJECT_ALREADY_EXISTS	= 238	
uint INVALID_NAME	= 239	
uint WILD_CARD_NOT_ALLOWED	= 240	
uint IPX_NOT_INSTALLED	= 240	
uint INVALID_BINDERY_SECURITY	= 241	
uint NO_OBJECT_READ_PRIVILEGE	= 242	
uint NO_OBJECT_RENAME_PRIVILEGE		= 243
uint NO_OBJECT_DELETE_PRIVILEGE		= 244
uint NO_OBJECT_CREATE_PRIVILEGE		= 245
uint NO_PROPERTY_DELETE_PRIVILEGE	= 246	
uint NOT_SAME_LOCAL_DRIVE	= 246	
uint NO_PROPERTY_CREATE_PRIVILEGE	= 247	
uint TARGET_DRIVE_NOT_LOCAL	= 247	
uint ALREADY_ATTACHED_TO_SERVER	= 248	
uint NO_PROPERTY_WRITE_PRIVILEGE	= 248	
uint NOT_ATTACHED_TO_SERVER	= 248	
uint NO_FREE_CONNECTION_SLOTS		= 249
uint NO_PROPERTY_READ_PRIVILEGE		= 249
uint NO_MORE_SERVER_SLOTS	= 250	
uint TEMP_REMAP_ERROR	= 250	
uint INVALID_PARAMETERS	= 251	
uint NO_SUCH_PROPERTY	= 251	
uint UNKNOWN_REQUEST		= 251
uint INTERNET_PACKET_REQT_CANCELED	= 252	

uint UNKNOWN_FILE_SERVER	= 252	
uint MESSAGE_QUEUE_FULL	= 252	
uint NO_SUCH_OBJECT	= 252	
uint BAD_STATION_NUMBER	= 253	
uint INVALID_PACKET_LENGTH	= 253	
uint UNKNOWN_REQUEST	= 253	
uint FIELD_ALREADY_LOCKED	= 253	
uint TTS_DISABLED	= 253	
uint FSCOPY_DIFFERENT_NETWORKS		= 253
uint BINDERY_LOCKED	= 254	
uint DIRECTORY_LOCKED	= 254	
uint INVALID_SEMAPHORE_NAME_LENGTH	= 254	
uint IMPLICIT_TRANSACTION_ACTIVE	= 254	
uint PACKET_NOT_DELIVERABLE	= 254	
uint SERVER_BINDERY_LOCKED	= 254	
uint SOCKET_TABLE_FULL	= 254	
uint SPOOL_DIRECTORY_ERROR	= 254	
uint SUPERVISOR_HAS_DISABLED_LOGIN	= 254	
uint TIMEOUT_FAILURE	= 254	
uint TRANSACTION_ENDS_RECORDS_LOCKED		= 254
uint BAD_PRINTER_ERROR		= 255
uint BAD_RECORD_OFFSET		= 255
uint BINDERY_FAILURE	= 255	
uint CLOSE_FCB_ERROR	= 255	
uint EXPLICIT_TRANSACTION_ACTIVE	= 255	
uint EXPLICIT_TRANSACTION_NOT_ACTIVE	= 255	
uint FILE_EXTENSION_ERROR	= 255	
uint FILE_NAME_ERROR	= 255	
uint HARDWARE_FAILURE	= 255	
uint INVALID_DIRECTORY_HANDLE	= 255	
uint INVALID_DRIVE_NUMBER	= 255	
uint INVALID_INITIAL_SEMAPHORE_VALUE	= 255	
uint INVALID_SEMAPHORE_HANDLE		= 255
uint IO_BOUND_ERROR	= 255	
uint NO_FILES_FOUND_ERROR	= 255	
uint NO_RECORD_FOUND	= 255	
uint NO_RESPONSE_FROM_SERVER	= 255	
uint NO_SUCH_OBJECT_OR_BAD_PASSWORD	= 255	
uint OLD_BETA_OR_BAD_DLL_PATH		= 255
uint PATH_ALREADY_EXISTS	= 255	
uint PATH_NOT_LOCATABLE	= 255	
uint QUEUE_FULL_ERROR	= 255	
uint REQUEST_NOT_OUTSTANDING	= 255	
uint SOCKET_ALREADY_OPEN	= 255	
uint SOCKET_CLOSED	= 255	
uint TRANSACTION_NOT_YET_WRITTEN	= 255	
uint INVALID_CONNECTION_ID	= 257	

//errors numbers 512 through 1023 are reserved for user interface

uint UNEXPECTED_INTERNAL_CONDITION	= 2989	
uint ENVIRONMENT_OVERFLOW	= 65535	
uint NO_SUCH_ENVIRON_VARIABLE		= 65535

File Services Global Contants	File Services Structures
EraseFiles	FileServerFileCopy
GetExtendedFileAttributes	PurgeAllErasedFiles
PurgeErasedFiles	PurgeSalvagableFile
RecoverSalvagableFile	RestoreErasedFile
ScanFileEntry	ScanFileInformation
ScanFilePhysical	ScanSalvagableFiles
SetExtendedFileAttributes	SetFileInformation

45\$ File Services
46# File_Services
47² Help Magician footnote: DO NOT EDIT; 0
48⁺ NetWare_API:011
49^K File Services;

⁵⁰_{\$}⁵¹_#⁵²₂⁵³_K^{54**File Server Environment Services**}

File Server Environment Services Structures

CheckConsolePrivileges	CheckNetWareVersion
ClearConnectionNumber	DisableFileServerLogin
DisableTransactionTracking	DownFileServer
EnableFileServerLogin	EnableTransactionTracking
GetConnectionsOpenFiles	GetConnectionsSemaphores
GetConnectionsTaskInformation	GetConnectionsUsageStats
GetConnectionsUsingFile	GetDiskCacheStats
GetDiskChannelStats	GetDiskUtilization
GetDriveMappingTable	GetFileServerDateAndTime
GetFileServerDescriptionStrings	GetFileServerLANIOStats
GetFileServerLoginStatus	GetFileServerMiscInformation
GetFileServerName	GetFileSystemStats
GetLANDriverConfigInfo	GetLogicalRecordInformation
GetLogicalRecordByConnection	GetPathFromDirectoryEntry
GetPhysicalDiskStats	GetPhysicalRecordLocksByFile
GetPhysRecLockByConnectAndFile	GetSemaphoreInformation
GetServerInformation	SendConsoleBroadcast
SetFileServerDateAndTime	

⁵⁰_{\$} File Server Environment Services
⁵¹_# File_Server_Environment_Services
⁵²₂ Help Magician footnote: DO NOT EDIT; 0
⁵³₊ NetWare_API:010
⁵⁴_K File Server Environment Services;

\$55#56257+58K59**Message Services**

BroadcastToConsole	CheckPipeStatus
CloseMessagePipe	DisableBroadcasts
EnableBroadcasts	GetBroadcastMessage
GetBroadcastMode	GetPersonalMessage
LogNetMessage	OpenMessagePipe
SendBroadcastMessage	SendPersonalMessage
SetBroadcastMode	

55^S Message Services
56[#] Message_Services
57² Help Magician footnote: DO NOT EDIT; 0
58⁺ NetWare_API:012
59^K Message Services;

\$60#61262+63K64**Miscellaneous Services**

ASCHZToLenStr	ConvertNameToFullPath
ConvertNameToVolumePath	GetFullPath
GetNetworkSerialNumber	IntSwap
IsV3Supported	LenToASCHZStr
LongSwap	ParsePath
StripFileServerFromPath	VerifyNetworkSerialNumber

60\$ Miscellaneous Services
61# Miscellaneous_Services
62² Help Magician footnote: DO NOT EDIT; 0
63⁺ NetWare_API:013
64^K Miscellaneous Services;

⁶⁵~~#~~₆₆2⁶⁷+₆₈K⁶⁹**Name Space Services**

//All Name Space functions apply to NetWare 3.x/4.x only

~~Name Space Services Global Constants~~

FillNameSpaceBuffer	GetDataStreamInfo
GetNameSpaceEntry	GetNameSpaceInfo
GetNumNameSpaceAndDataStreams	

⁶⁵^S Name Space Services

⁶⁶[#] Name_Space_Services

⁶⁷² Help Magician footnote: DO NOT EDIT; 0

⁶⁸⁺ NetWare_API:014

⁶⁹^K Name Space Services;

\$70#71272+73K74**Print Services**

~~Print Services Global Constants~~

CancelLPTCapture
EndLPTCapture
FlushLPTCapture
GetBannerUserName
GetDefaultLocalPrinter
GetPrinterQueue
GetSpecificCaptureFlags
SetCapturePrintJob
SetDefaultCaptureFlags
SetSpecificCaptureFlags
SpecifyCaptureFile
StartSpecificLPTCapture

~~Print Services Structures~~

CancelSpecificLPTCapture
EndSpecificLPTCapture
FlushSpecificLPTCapture
GetDefaultCaptureFlags
GetLPTCaptureStatus
GetPrinterStatus
SetBannerUserName
SetCapturePrintQueue
SetDefaultLocalPrinter
SetSpoolFlags
StartLPTCapture

70\$ Print Services

71# Print_Services

72² Help Magician footnote: DO NOT EDIT; 0

73+ NetWare_API:017

74K Print Services;

\$⁷⁵#⁷⁶2⁷⁷+⁷⁸K⁷⁹**Print Server Services**

Print Server Services Global Constants	Print Server Services Structures
PSAbortPrintJob	PSAddNotifyObject
PSAddQueueToPrinter	PSAttachPrintServerToFileServer
PSAttachToPrintServer	PSCancelDownRequest
PSChangeNotifyInterval	PSChangeQueuePriority
PSChangeServiceMode	PSDeleteNotifyObject
PSDeleteQueueFromPrinter	PSDetachFromPrintServer
PSDetachPrtServerFromFileServer	PSDownPrintServer
PSEjectForm	PSGetAttachedServers
PSGetNextRemotePrinter	PSGetNotifyObject
PSGetPrintersServicingQueue	PSGetPrinterStatus
PSGetPrintJobStatus	PSGetPrintServerInfo
PSGetQueuesServiced	PSLoginToPrintServer
PSMarkTopOfForm	PSRequestRemotePrinter
PSRewindPrintJob	PSSetMountedForm
PSSetRemoteMode	PSSetPrinter
PSStopPrinter	

⁷⁵^S Print Server Services

⁷⁶[#] Print_Server_Services

⁷⁷² Help Magician footnote: DO NOT EDIT; 0

⁷⁸⁺ NetWare_API:016

⁷⁹^K Print Server Services;

\$80#81282+83K84**Print Queue Services**

Print Queue Services Global Constants

AbortServicingQueueJobAndFile
ChangeQueueJobEntry
ChangeToClientRights
CloseFileAndStartQueueJob
CreateQueueJobAndFile
DetachQueueServerFromQueue
GetQueueJobList
ReadQueueCurrentStatus
ReadQueueServerCurrentStatus
RestoreQueueServerRights
SetQueueCurrentStatus

Print Queue Services Structures

AttachQueueServerToQueue
ChangeQueueJobPosition
CloseFileAndAbortQueueJob
CreateQueue
DestroyQueue
FinishServicingQueueJobAndFile
GetQueueJobsFileSize
ReadQueueJobEntry
RemoveJobFromQueue
ServiceQueueJobAndOpenFile
SetQueueServerCurrentStatus

80\$ Print Queue Services

81# Print_Queue_Services

82² Help Magician footnote: DO NOT EDIT; 0

83+ NetWare_API:015

84^K Print Queue Services;

⁸⁵~~\$~~⁸⁶~~#~~⁸⁷~~2~~⁸⁸~~K~~⁸⁹**Service Advertising Protocol**

~~Service Advertising Protocol Structures~~

~~AdvertiseService~~ ~~QueryServices~~
~~ShutdownSAP~~

⁸⁵~~\$~~ Service Advertising Protocol
⁸⁶~~#~~ Service_Advertising_Protocol
⁸⁷~~2~~ Help Magician footnote: DO NOT EDIT; 0
⁸⁸~~+~~ NetWare_API:018
⁸⁹~~K~~ Service Advertising Protocol;

\$90#91292+93K94**Synchronization Services**

ClearFile	ClearFileSet
ClearLogicalRecord	ClearLogicalRecordSet
ClearPhysicalRecord	ClearPhysicalRecordSet
CloseSemaphore	ExamineSemaphore
GetLockMode	LockFileSet
LockLogicalRecordSet	LockPhysicalRecordSet
LogFile	LogLogicalRecord
LogPhysicalRecord	OpenSemaphore
ReleaseFile	ReleaseFileSet
ReleaseLogicalRecord	ReleaseLogicalRecordSet
ReleasePhysicalRecord	ReleasePhysicalRecordSet
SetLockMode	SignalSemaphore
WaitOnSemaphore	

90^S Synchronization Services

91[#] Synchronization_Services

92² Help Magician footnote: DO NOT EDIT; 0

93⁺ NetWare_API:019

94^K Synchronization Services;

\$⁹⁵#⁹⁶2⁹⁷+⁹⁸K⁹⁹**Transaction Tracking Services**

~~Transaction Tracking Services Structures~~

TTSA bor tTransaction	TTSB egin Transaction
TTSE nd Transaction	TTSG et ApplicationThresholds
TTSG et Stats	TTSG et WorkstationThresholds
TTSI s Available	TTSS et ApplicationThresholds
TTSS et WorkstationThresholds	TTSTransactionStatus

95^S Transaction Tracking Services

96[#] Transaction_Tracking_Services

97² Help Magician footnote: DO NOT EDIT; 0

98⁺ NetWare_API:020

99^K Transaction Tracking Services;

\$₁₀₀#₁₀₁2₁₀₂+₁₀₃K₁₀₄**Workstation Environment Services**

EndOfJob	GetConnectionID
GetDefaultConnectionID	GetNetWareShellVersion
GetNumberOfLocalDrives	GetPreferredConnectionID
GetPrimaryConnectionID	GetWorkstationEnvironment
IsConnectionIDInUse	SetEndOfJobStatus
SetNetWareErrorMode	SetPreferredConnectionID
SetPrimaryConnectionID	

100\$ Workstation Environment Services
101# Workstation_Environment_Services
102² Help Magician footnote: DO NOT EDIT; 0
103⁺ NetWare_API:021
104^K Workstation Environment Services;

\$₁₀₅#₁₀₆2₁₀₇+₁₀₈K₁₀₉**AccountingInstalled**

Function Integer AccountingInstalled (int ConnectionID) Library "NWNETAPI.DLL"

105\$ AccountingInstalled
106# AccountingInstalled
107² Help Magician footnote: DO NOT EDIT; 0
108⁺ Accounting_Services:001
109^K AccountingInstalled;

\$₁₁₀#₁₁₁2₁₁₂+₁₁₃K₁₁₄**GetAccountStatus**

Function Integer GetAccountStatus (int BinderyObjectType, string BinderyObjectName, ref int Balance, ref int Limit, ref int Holds) Library "NWNETAPI.DLL"

110\$ GetAccountStatus

111# GetAccountStatus

112² Help Magician footnote: DO NOT EDIT; 0

113⁺ Accounting_Services:002

114^K GetAccountStatus;

\$115#1162117+118K119**SubmitAccountCharge**

Function Integer SubmitAccountCharge (int BinderyObjectType, string
BinderyObjectName, int ServiceType, int ChargeAmount, int CancelHoldAmount, int CommentType,
string Comment) Library "NWNETAPI.DLL"

115\$ SubmitAccountCharge
116# SubmitAccountCharge
117² Help Magician footnote: DO NOT EDIT; 0
118⁺ Accounting_Services:003
119^K SubmitAccountCharge;

\$₁₂₀#₁₂₁2₁₂₂+₁₂₃K₁₂₄**SubmitAccountHold**

Function Integer SubmitAccountHold (int BinderyObjectType, string
BinderyObjectName, int ReserveAmount) Library "NWNETAPI.DLL"

120\$ SubmitAccountHold
121# SubmitAccountHold
122² Help Magician footnote: DO NOT EDIT; 0
123⁺ Accounting_Services:004
124^K SubmitAccountHold;

\$¹²⁵#¹²⁶2¹²⁷+¹²⁸K¹²⁹**SubmitAccountNote**

Function Integer SubmitAccountNote (int BinderyObjectType, string
BinderyObjectName, int ServiceType, int CommentType, int CommentLen, string
Comment) Library "NWNETAPI.DLL"

125\$ SubmitAccountNote
126# SubmitAccountNote
127² Help Magician footnote: DO NOT EDIT; 0
128⁺ Accounting_Services:005
129K SubmitAccountNote;

\$¹³⁰#¹³¹2¹³²+¹³³K¹³⁴**Accounting Services Global Constants**

int CHARGE_RECORD	= 1	
int NOTE_RECORD		= 2
int CONNECT_TIME_CHARGE_NOTE		= 1
int DISK_STORAGE_CHARGE_NOTE	= 2	
int LOGIN_NOTE	= 3	
int LOGOUT_NOTE	= 4	
int ACCOUNT_LOCKED_NOTE	= 5	
int SERVER_TIME_MODIFIED_NOTE	= 6	

130\$ Accounting Services Global Constants
 131# Accounting_Services_Global_Constants
 132² Help Magician footnote: DO NOT EDIT; 0
 133+ Accounting_Services:006
 134^K Accounting Services Global Constants;

^{\$135}#¹³⁶2¹³⁷+¹³⁸K¹³⁹**AFPAllocTemporaryDirHandle**

Function Integer AFPAllocTemporaryDirHandle (int ConnectionID, int VolumeNum, int AFPEntryID, string AFPPathString, int NetWareDirectoryHandle, int AccessRights) LIBRARY "NWNETAPI.DLL"

135^{\$} AFPAllocTemporaryDirHandle
136[#] AFPAllocTemporaryDirHandle
137² Help Magician footnote: DO NOT EDIT; 0
138⁺ Apple_Filing_Protocol_Services:001
139^K AFPAllocTemporaryDirHandle;

\$¹⁴⁰#¹⁴¹2¹⁴²+¹⁴³K¹⁴⁴**AFPCreateDirectory**

Function Integer AFPCreateDirectory (int ConnectionID, int VolumeNum, long AFPEntID, AFP_FINDER_INFO FinderInfo, ref string AFPPathString, ref int NewAFPEntID) Library "NWNETAPI.DLL"

140\$ AFPCreateDirectory

141# AFPCreateDirectory

142² Help Magician footnote: DO NOT EDIT; 0

143+ Apple_Filing_Protocol_Services:002

144^K AFPCreateDirectory;

\$¹⁴⁵#¹⁴⁶2¹⁴⁷+¹⁴⁸K¹⁴⁹**AFPCreateFile**

Function Integer AFPCreateFile (int ConnectionID, int VolumeNum, long AFPEntryID, int DeleteExistingFile, long FinderInfo, string AFPPathString, long NewAFPEntryID) Library "NWNETAPI.DLL"

145\$ AFPCreateFile

146# AFPCreateFile

147² Help Magician footnote: DO NOT EDIT; 0

148+ Apple_Filing_Protocol_Services:003

149K AFPCreateFile;

\$₁₅₀#₁₅₁2₁₅₂+₁₅₃K₁₅₄**AFPDelete**

Function Integer AFPDelete (int ConnectionID, int VolumeNum, long AFPEntryID, string AFPPathString
) Library "NWNETAPI.DLL"

150\$ AFPDelete

151# AFPDelete

152² Help Magician footnote: DO NOT EDIT; 0

153⁺ Apple_Filing_Protocol_Services:004

154^K AFPDelete;

\$¹⁵⁵#¹⁵⁶2¹⁵⁷+¹⁵⁸K¹⁵⁹**AFPDirectoryEntry**

Function Integer AFPDirectoryEntry (int ConnectionID, int DirectoryHandle, string PathName) Library
"NWNETAPI.DLL"

155\$ AFPDirectoryEntry
156# AFPDirectoryEntry
157² Help Magician footnote: DO NOT EDIT; 0
158+ Apple_Filing_Protocol_Services:005
159K AFPDirectoryEntry;

\$₁₆₀#₁₆₁2₁₆₂+₁₆₃K₁₆₄**AFPGetEntryIDFromName**

Function Integer AFPGetEntryIDFromName (int ConnectionID, int VolumeNum, long AFPEntryID,
string AFPPathString, ref long NewAFPEntryID) Library "NWNETAPI.DLL"

160\$ AFPGetEntryIDFromName
161# AFPGetEntryIDFromName
162² Help Magician footnote: DO NOT EDIT; 0
163⁺ Apple_Filing_Protocol_Services:006
164^K AFPGetEntryIDFromName;

^{\$165}#¹⁶⁶2¹⁶⁷+¹⁶⁸K¹⁶⁹**AFPGetEntryIDFromNetWareHandle**

Function Integer AFPGetEntryIDFromNetWareHandle (FILE_HANDLE NetWareHandle, ref int VolumeNum, ref long AFPEntryID, ref int ForkIndicator) Library "NWNETAPI.DLL"

¹⁶⁵^{\$} AFPGetEntryIDFromNetWareHandle
¹⁶⁶[#] AFPGetEntryIDFromNetWareHandle
¹⁶⁷² Help Magician footnote: DO NOT EDIT; 0
¹⁶⁸⁺ Apple_Filing_Protocol_Services:008
¹⁶⁹^K AFPGetEntryIDFromNetWareHandle;

\$¹⁷⁰#¹⁷¹2¹⁷²+¹⁷³K¹⁷⁴**AFPGetEntryIDFromPathName**

Function Integer AFPGetEntryIDFromPathName (int ConnectionID, long DirectoryHandle, string
PathName, ref long AFPEntryID) Library "NWNETAPI.DLL"

170\$ AFPGetEntryIDFromPathName
171# AFPGetEntryIDFromPathName
172² Help Magician footnote: DO NOT EDIT; 0
173+ Apple_Filing_Protocol_Services:009
174K AFPGetEntryIDFromPathName;

^{\$175}#¹⁷⁶2¹⁷⁷+¹⁷⁸K¹⁷⁹**AFPGetFileInformation**

Integer Function AFPGetFileInformation (int ConnectionID, int VolumeNum, long AFPEntryID, int RequestBitMap, string AFPPathString, int StructSize, AFP_FILE_INFO AFPFileInfo) Library "NWNETAPI.DLL"

175^{\$} AFPGetFileInformation

176[#] AFPGetFileInformation

177² Help Magician footnote: DO NOT EDIT; 0

178⁺ Apple_Filing_Protocol_Services:010

179^K AFPGetFileInformation;

^{\$180#1812182+183K184}**AFPOpenFileFork**

Function Integer AFPOpenFileFork (int ConnectionID, int VolumeNum, long AFPEntryID, int ForkIndicator, int AccessMode, string AFPPathString, ref long FileID, ref long ForkLength, ref int NetWareHandle, ref int FileHandle) Library "NWNETAPI.DLL"

180^{\$} AFPOpenFileFork
181[#] AFPOpenFileFork
182² Help Magician footnote: DO NOT EDIT; 0
183⁺ Apple_Filing_Protocol_Services:011
184^K AFPOpenFileFork;

\$¹⁸⁵#¹⁸⁶2¹⁸⁷+¹⁸⁸K¹⁸⁹**AFPRename**

Function Integer AFPRename (int ConnectionID, int VolumeNum, long AFPSourceEntryID, long
AFPDestEntryID, string AFPSourcePath, string AFPDestPath) Library "NWNETAPI.DLL"

185\$ AFPRename

186# AFPRename

187² Help Magician footnote: DO NOT EDIT; 0

188⁺ Apple_Filing_Protocol_Services:012

189K AFPRename;

\$¹⁹⁰#¹⁹¹2¹⁹²⁺¹⁹³K¹⁹⁴**AFPScanFileInformation**

Function Integer AFPScanFileInformation (int ConnectionID, int VolumeNum, long AFPEnterID, ref long AFPLastSeenID, int SearchBitMap, int RequestBitMap, string AFPPath, int StructSize, AFP_FILE_INFO AFPFileInfo) Library "NWNETAPI.DLL"

190\$ AFPScanFileInformation

191# AFPScanFileInformation

192² Help Magician footnote: DO NOT EDIT; 0

193⁺ Apple_Filing_Protocol_Services:013

194^K AFPScanFileInformation;

\$¹⁹⁵#¹⁹⁶2¹⁹⁷+¹⁹⁸K¹⁹⁹**AFPSetFileInformation**

Function Integer AFPSetFileInformation (int ConnectionID, int VolumeNum, long AFPEntryID, int RequestBitMap, string AFPPathString, int StructSize, AFP_SET_INFO AFPSetInfo) Library "NWNETAPI.DLL"

195\$ AFPSetFileInformation

196# AFPSetFileInformation

197² Help Magician footnote: DO NOT EDIT; 0

198⁺ Apple_Filing_Protocol_Services:014

199K AFPSetFileInformation;

\$²⁰⁰#²⁰¹2²⁰²+²⁰³K²⁰⁴**AFPSupported**

Function Integer AFPSupported (int ConnectionID) Library "NWNETAPI.DLL"

200\$ AFPSupported
201# AFPSupported
202² Help Magician footnote: DO NOT EDIT; 0
203+ Apple_Filing_Protocol_Services:015
204^K AFPSupported;

\$²⁰⁵#²⁰⁶2²⁰⁷+²⁰⁸K²⁰⁹**AFPS Structures**

FILE_HANDLE

AFP_FINDER_INFO

AFP_FILE_INFO

AFP_SET_INFO

205\$ AFPS Structures

206# AFPS_Structures

207² Help Magician footnote: DO NOT EDIT; 0

208+ Apple_Filing_Protocol_Services:007

209K AFPS Structures;

\$₂₁₀#₂₁₁2₂₁₂+₂₁₃K₂₁₄**FILE_HANDLE**

Handle string

210\$ FILE_HANDLE
211# FILE_HANDLE
212² Help Magician footnote: DO NOT EDIT; 0
213⁺ AFPS_Structures:001
214^K FILE_HANDLE;

\$²¹⁵#²¹⁶2²¹⁷+²¹⁸K²¹⁹**AFP_FINDER_INFO**

Info string

215\$ AFP_FINDER_INFO
216# AFP_FINDER_INFO
217² Help Magician footnote: DO NOT EDIT; 0
218+ AFPS_Structures:003
219^K AFP_FINDER_INFO;

\$220#221222+223K224**AFP_FILE_INFO**

EntryID	long	
ParentID	long	
Attributes	integer	
DataForkLength	long	
ResourceForkLength	long	
NumOffspring	integer	
CreationDate	integer	
AccessDate	integer	
ModifyDate	integer	
ModifyTime	integer	
BackupDate	integer	
BackupTime	integer	
FinderInfo	<u>AFP_FINDER_INFO</u>	
Longname	string	
Pad1	string	
OwnerID		long
ShortName	string	
Pad2	string	
AccessPrivileges	integer	

220\$ AFP_FILE_INFO
 221# AFP_FILE_INFO
 222² Help Magician footnote: DO NOT EDIT; 0
 223+ AFPS_Structures:002
 224^K AFP_FILE_INFO;

\$225#2262227+228K229**AFP_SET_INFO**

Attributes	integer
CreationDate	integer
AccessDate	integer
ModifyDate	integer
ModifyTime	integer
BackupDate	integer
BackupTime	integer
FinderInfo	<u>AFP_FINDER_INFO</u>

225\$ AFP_SET_INFO
226# AFP_SET_INFO
227² Help Magician footnote: DO NOT EDIT; 0
228⁺ AFPS_Structures:004
229^K AFP_SET_INFO;

^{\$230#2312232+233K234}**AddBinderyObjectToSet**

Function Integer AddBinderyObjectToSet (string ObjectName, int ObjectType, string PropertyName, string MemberName, int MemberType) Library "NWNETAPI.DLL"

230^{\$} AddBinderyObjectToSet
231[#] AddBinderyObjectToSet
232² Help Magician footnote: DO NOT EDIT; 0
233⁺ Bindery_Services:001
234^K AddBinderyObjectToSet;

\$²³⁵#²³⁶2²³⁷+²³⁸K²³⁹**ChangeBinderyObjectPassword**

Function Integer ChangeBinderyObjectPassword (string ObjectName, int ObjectType, string OldPassword, string NewPassword) Library "NWNETAPI.DLL"

235\$ ChangeBinderyObjectPassword
236# ChangeBinderyObjectPassword
237² Help Magician footnote: DO NOT EDIT; 0
238⁺ Bindery_Services:002
239^K ChangeBinderyObjectPassword;

^{\$240#2412242+243K244}**ChangeBinderyObjectSecurity**

Function Integer ChangeBinderyObjectSecurity (string ObjectName, int ObjectType, int NewObjectSecurity) Library "NWNETAPI.DLL"

240^{\$} ChangeBinderyObjectSecurity
241[#] ChangeBinderyObjectSecurity
242² Help Magician footnote: DO NOT EDIT; 0
243⁺ Bindery_Services:003
244^K ChangeBinderyObjectSecurity;

^{\$245}#²⁴⁶²⁴⁷+²⁴⁸K²⁴⁹**ChangePropertySecurity**

Function Integer ChangePropertySecurity (string ObjectName, int ObjectType, string PropertyName, int NewPropertySecurity) Library "NWNETAPI.DLL"

²⁴⁵^{\$} ChangePropertySecurity

²⁴⁶[#] ChangePropertySecurity

²⁴⁷² Help Magician footnote: DO NOT EDIT; 0

²⁴⁸⁺ Bindery_Services:004

²⁴⁹^K ChangePropertySecurity;

\$₂₅₀#₂₅₁2₂₅₂+₂₅₃K₂₅₄**CloseBindery**

Function Integer CloseBindery () Library "NWNETAPI.DLL"

250\$ CloseBindery
251# CloseBindery
252² Help Magician footnote: DO NOT EDIT; 0
253⁺ Bindery_Services:005
254^K CloseBindery;

\$²⁵⁵#²⁵⁶2²⁵⁷+²⁵⁸K²⁵⁹**CreateBinderyObject**

Function Integer CreateBinderyObject (string ObjectName, int ObjectType, int ObjectFlag, int ObjectSecurity) Library "NWNETAPI.DLL"

255\$ CreateBinderyObject
256# CreateBinderyObject
257² Help Magician footnote: DO NOT EDIT; 0
258⁺ Bindery_Services:006
259^K CreateBinderyObject;

\$₂₆₀#₂₆₁2₂₆₂+₂₆₃K₂₆₄**CreateProperty**

Function Integer CreateProperty (string ObjectName, int ObjectType, string PropertyName, int PropertyFlags, int PropertySecurity) Library "NWNETAPI.DLL"

260\$ CreateProperty
261# CreateProperty
262² Help Magician footnote: DO NOT EDIT; 0
263⁺ Bindery_Services:007
264^K CreateProperty;

^{\$265}#²⁶⁶²⁶⁷+²⁶⁸K²⁶⁹**DeleteBinderyObject**

Function Integer DeleteBinderyObject (string ObjectName, int ObjectType) Library "NWNETAPI.DLL"

²⁶⁵\$ DeleteBinderyObject
²⁶⁶# DeleteBinderyObject
²⁶⁷² Help Magician footnote: DO NOT EDIT; 0
²⁶⁸⁺ Bindery_Services:008
²⁶⁹K DeleteBinderyObject;

\$²⁷⁰#²⁷¹2²⁷²+²⁷³K²⁷⁴**DeleteBinderyObjectFromSet**

Function Integer DeleteBinderyObjectFromSet (string ObjectName, int ObjectType, string
PropertyName, string MemberName, int MemberType) Library "NWNETAPI.DLL"

270\$ DeleteBinderyObjectFromSet
271# DeleteBinderyObjectFromSet
272² Help Magician footnote: DO NOT EDIT; 0
273+ Bindery_Services:009
274K DeleteBinderyObjectFromSet;

^{\$275}#²⁷⁶²²⁷⁷+²⁷⁸K²⁷⁹ **DeleteProperty**

Function Integer DeleteProperty (string ObjectName, int ObjectType, string PropertyName) Library
"NWNETAPI.DLL"

²⁷⁵\$ DeleteProperty

²⁷⁶# DeleteProperty

²⁷⁷² Help Magician footnote: DO NOT EDIT; 0

²⁷⁸⁺ Bindery_Services:010

²⁷⁹K DeleteProperty;

\$²⁸⁰#²⁸¹2²⁸²+²⁸³K²⁸⁴**GetBinderyAccessLevel**

Function Integer GetBinderyAccessLevel (ref int SecurityAccessLevel, ref long ObjectID) Library
"NWNETAPI.DLL"

280\$ GetBinderyAccessLevel
281# GetBinderyAccessLevel
282² Help Magician footnote: DO NOT EDIT; 0
283+ Bindery_Services:011
284K GetBinderyAccessLevel;

\$²⁸⁵#²⁸⁶2²⁸⁷+²⁸⁸K²⁸⁹**GetBinderyObjectDiskSpaceLeft**

Function Integer GetBinderyObjectDiskSpaceLeft (int ConnectionID, int BinderyObjectID, long SystemElapsedTime, ref long UnusedDiskBlocks, ref int RestrictionEnforced) Library "NWNETAPI.DLL"

285\$ GetBinderyObjectDiskSpaceLeft
286# GetBinderyObjectDiskSpaceLeft
287² Help Magician footnote: DO NOT EDIT; 0
288⁺ Bindery_Services:012
289^K GetBinderyObjectDiskSpaceLeft;

\$²⁹⁰#²⁹¹2²⁹²+²⁹³K²⁹⁴**GetBinderyObjectID**

Function Integer GetBinderyObjectID (string ObjectName, int ObjectType, ref long ObjectID) Library
"NWNETAPI.DLL"

290\$ GetBinderyObjectID
291# GetBinderyObjectID
292² Help Magician footnote: DO NOT EDIT; 0
293⁺ Bindery_Services:013
294^K GetBinderyObjectID;

\$²⁹⁵#²⁹⁶2²⁹⁷+²⁹⁸K²⁹⁹**GetBinderyObjectName**

Function Integer GetBinderyObjectName (long ObjectID, string ObjectName, ref int ObjectType)
Library "NWNETAPI.DLL"

295\$ GetBinderyObjectName
296# GetBinderyObjectName
297² Help Magician footnote: DO NOT EDIT; 0
298⁺ Bindery_Services:014
299K GetBinderyObjectName;

\$³⁰⁰#³⁰¹2³⁰²+³⁰³K³⁰⁴**IsBinderyObjectInSet**

Function Integer IsBinderyObjectInSet (string ObjectName, int ObjectType, string PropertyName, string MemberName, int MemberType) Library "NWNETAPI.DLL"

300\$ IsBinderyObjectInSet
301# IsBinderyObjectInSet
302² Help Magician footnote: DO NOT EDIT; 0
303+ Bindery_Services:015
304^K IsBinderyObjectInSet;

\$³⁰⁵#³⁰⁶2³⁰⁷+³⁰⁸K³⁰⁹**OpenBindery**

Function Integer OpenBindery () Library "NWNETAPI.DLL"

305\$ OpenBindery
306# OpenBindery
307² Help Magician footnote: DO NOT EDIT; 0
308⁺ Bindery_Services:016
309^K OpenBindery;

\$₃₁₀#₃₁₁2₃₁₂+₃₁₃K₃₁₄**ReadPropertyValue**

Function Integer ReadPropertyValue (string ObjectName, int ObjectType, string PropertyName, int SegmentNumber, PROPERTY_VALUE PropertyValue, ref int MoreSegments, ref int PropertyFlags)
Library "NWNETAPI.DLL"

310\$ ReadPropertyValue
311# ReadPropertyValue
312² Help Magician footnote: DO NOT EDIT; 0
313⁺ Bindery_Services:017
314^K ReadPropertyValue;

^{\$315}_{#316}²³¹⁷₊₃₁₈^{K319}**RenameBinderyObject**

Function Integer RenameBinderyObject (string ObjectName, string NewObjectName, int ObjectType)
Library "NWNETAPI.DLL"

³¹⁵_{\$} RenameBinderyObject
³¹⁶_# RenameBinderyObject
³¹⁷₂ Help Magician footnote: DO NOT EDIT; 0
³¹⁸₊ Bindery_Services:018
³¹⁹_K RenameBinderyObject;

\$320#3212322+323K324**ScanBinderyObject**

Function Integer ScanBinderyObject (string SearchObjectName, int SearchObjectType, ref long ObjectID, string ObjectName, int ObjectType, ref int ObjectHasProperties, ref int ObjectFlag, ref int ObjectSecurity) Library "NWNETAPI.DLL"

320\$ ScanBinderyObject
321# ScanBinderyObject
322² Help Magician footnote: DO NOT EDIT; 0
323⁺ Bindery_Services:019
324^K ScanBinderyObject;

^{\$325#3262,327+328K329}**ScanBinderyObjectTrusteePaths**

Function Integer ScanBinderyObjectTrusteePaths (long ObjectID, int VolumeNumber, ref int
SequenceNumber, ref int TrusteeAccessMask, string TrusteePathName) Library "NWNETAPI.DLL"

//TrusteePathName must be initialized to 255 characters

325\$ ScanBinderyObjectTrusteePaths
326# ScanBinderyObjectTrusteePaths
327² Help Magician footnote: DO NOT EDIT; 0
328⁺ Bindery_Services:020
329^K ScanBinderyObjectTrusteePaths;

\$³³⁰#³³¹2³³²+³³³K³³⁴**ScanProperty**

Function Integer ScanProperty (string ObjectName, int ObjectType, string SearchPropertyName, ref long
SequenceNumber, string PropertyName, ref int PropertyFlags, ref int PropertySecurity, ref int
PropertyHasValue, ref int MoreProperties) Library "NWNETAPI.DLL"

330\$ ScanProperty

331# ScanProperty

332² Help Magician footnote: DO NOT EDIT; 0

333⁺ Bindery_Services:021

334K ScanProperty;

\$³³⁵#³³⁶2³³⁷+³³⁸K³³⁹**VerifyBinderyObjectPassword**

Function Integer VerifyBinderyObjectPassword (string ObjectName, int ObjectType, string Password)
Library "NWNETAPI.DLL"

335\$ VerifyBinderyObjectPassword
336# VerifyBinderyObjectPassword
337² Help Magician footnote: DO NOT EDIT; 0
338⁺ Bindery_Services:022
339^K VerifyBinderyObjectPassword;

\$³⁴⁰#³⁴¹2³⁴²+³⁴³K³⁴⁴**WritePropertyValue**

Function Integer WritePropertyValue (string objectName, int ObjectType, string PropertyName, int SegmentNumber, PROPERTY_VALUE PropertyValue, int MoreSegments) Library "NWNETAPI.DLL"

340\$ WritePropertyValue
341# WritePropertyValue
342² Help Magician footnote: DO NOT EDIT; 0
343⁺ Bindery_Services:023
344^K WritePropertyValue;

\$³⁴⁵#³⁴⁶2³⁴⁷+³⁴⁸K³⁴⁹**Bindary Services Global Constants**

ObjectType

ObjectSecurity

PropertyHasValue

345\$ Bindary Services Global Constants

346# Bindary_Services_Global_Constants

347² Help Magician footnote: DO NOT EDIT; 0

348⁺ Bindery_Services:024

349K Bindary Services Global Constants;

\$350#3512352K353**ObjectType**

int OT_WILD	= -1 // Matches any type
int OT_UNKNOWN	= 0 // Unknown object type
int OT_USER	= 1 // The object is a "user"
int OT_USER_GROUP	= 2 // A group of users
int OT_PRINT_QUEUE	= 3 // Services print queues
int OT_FILE_SERVER	= 4 // The object serves files
int OT_JOB_SERVER	= 5
int OT_GATEWAY	= 6
int OT_PRINT_SERVER	= 7
int OT_ARCHIVE_QUEUE	= 8
int OT_ARCHIVE_SERVER	= 9 // Services backup jobs
int OT_JOB_QUEUE	= 10
int OT_ADMINISTRATION	= 11
int OT_NAS_SNA_GATEWAY	= 33
int OT_NACS	= 35
int OT_REMOTE_BRIDGE_SERVER	= 36
int OT_BRIDGE_SERVER	= 38
int OT_TCPIP_GATEWAY	= 39
int OT_GATE	= 41
int OT_TIME_SYNCHRONIZATION_SERVER	= 45
int OT_ARCHIVE_SRV	= 46
int OT_ADVERTISING_PRINT_SERVER	= 71
int OT_BTREIVE_VAP_NLM_5XX	= 75
int OT_SQL_VAP_NLM	= 76
int OT_XTREE_NETWORK	= 77
int OT_BTREIVE_VAP_NLM_4XX	= 80
int OT_APPLETALK_GATEWAY	= 83
int OT_X25_GATEWAY	= 88
int OT_WAN_COPY	= 114
int OT_TES_NETWORK_VMS	= 122
int OT_NETWORK_ACCESS_SERVER	= 152
int OT_PORTABLE_NETWORK	= 158
int OT_COMPAQ_IDA_STATUS_MONITOR	= 172
int OT_NETWORK_386_SERVER	= 263
int OT_CSA_MUX	= 276
int OT_CSA_LCA	= 277
int OT_CSA_CM	= 278
int OT_CSA_SMA	= 279
int OT_CSA_DBA	= 280
int OT_CSA_NMA	= 281
int OT_CSA_SSA	= 282
int OT_CSA_STATUS	= 283
int OT_CSA_APPC	= 286
int OT_SNA_TEST	= 294
int OT_CSA_TRACE	= 298
int OT_COMMUNICATIONS_EXECUTIVE	= 304
int OT_NNS_DOMAIN	= 307
int OT_NNS_PROFILE	= 309

350\$ ObjectType

351# ObjectType

352² Help Magician footnote: DO NOT EDIT; 0

353^K ObjectType;


```
int OT_NNS_QUEUE = 311
int OT_WORDPERFECT_NETWORK = -2184
```

\$354#3552356K357**ObjectSecurity**

int BS_ANY_READ	= 0 // Readable by anyone
int BS_LOGGED_READ	= 1 // Must be logged in to read
int BS_OBJECT_READ	= 2 // Readable by same object or super
int BS_SUPER_READ	= 3 // Readable by supervisor only
int BS_BINDERY_READ	= 4 // Readable only by the bindery
int BS_ANY_WRITE	= 0 // Writeable by anyone
int BS_LOGGED_WRITE	= 16 // Must be logged in to write
int BS_OBJECT_WRITE	= 32 // Writeable by same object or super
int BS_SUPER_WRITE	= 48 // Writeable only by the supervisor
int BS_BINDERY_WRITE	= 64 // Writeable by the bindery only

354\$ ObjectSecurity

355# ObjectSecurity

356² Help Magician footnote: DO NOT EDIT; 0

357^K ObjectSecurity;

\$358#3592360K361**PropertyHasValue**

int BF_STATIC	= 0
int BF_DYNAMIC	= 1
int BF_ITEM	= 0
int BF_SET	= 2

358\$ PropertyHasValue
359# PropertyHasValue
360² Help Magician footnote: DO NOT EDIT; 0
361^K PropertyHasValue;

\$₃₆₂#₃₆₃2₃₆₄+₃₆₅K₃₆₆**Bindary Services Structures**

PROPERTY_VALUE

362\$ Bindary Services Structures
363# Bindary_Services_Structures
364² Help Magician footnote: DO NOT EDIT; 0
365⁺ Bindery_Services:025
366^K Bindary Services Structures;

\$³⁶⁷#³⁶⁸2³⁶⁹K³⁷⁰**PROPERTY_VALUE**

PropertyValue[] string

367\$ PROPERTY_VALUE
368# PROPERTY_VALUE
369² Help Magician footnote: DO NOT EDIT; 0
370K PROPERTY_VALUE;

\$³⁷¹#³⁷²2³⁷³+³⁷⁴K³⁷⁵**AttachToFileServer**

Function Integer AttachToFileServer (string ServerName, ref int ConnectionID) Library
"NWNETAPI.DLL"

371\$ AttachToFileServer
372# AttachToFileServer
373² Help Magician footnote: DO NOT EDIT; 0
374⁺ Connection_Services:001
375K AttachToFileServer;

\$³⁷⁶#³⁷⁷2³⁷⁸+³⁷⁹K³⁸⁰**AttachToFileServerWithAddress**

Function Integer AttachToFileServerWithAddress (string ServerName, ref int ConnectionID, int NetAddress) Library "NWNETAPI.DLL"

376\$ AttachToFileServerWithAddress
377# AttachToFileServerWithAddress
378² Help Magician footnote: DO NOT EDIT; 0
379⁺ Connection_Services:002
380^K AttachToFileServerWithAddress;

^{\$}₃₈₁[#]₃₈₂²₃₈₃⁺₃₈₄^K₃₈₅ **DetachFromFileServer**

Function Integer DetachFromFileServer (int ConnectionID) Library "NWNETAPI.DLL"

^{\$}₃₈₁ DetachFromFileServer
[#]₃₈₂ DetachFromFileServer
²₃₈₃ Help Magician footnote: DO NOT EDIT; 0
⁺₃₈₄ Connection_Services:003
^K₃₈₅ DetachFromFileServer;

\$³⁸⁶#³⁸⁷2³⁸⁸+³⁸⁹K³⁹⁰**EnterLoginArea**

Function Integer EnterLoginArea (string LoginSubdirectoryName, int NumberOfLocalDrives) Library
"NWNETAPI.DLL"

386\$ EnterLoginArea
387# EnterLoginArea
388² Help Magician footnote: DO NOT EDIT; 0
389⁺ Connection_Services:004
390K EnterLoginArea;

\$³⁹¹#³⁹²2³⁹³+³⁹⁴K³⁹⁵**GetConnectionInformation**

Function Integer GetConnectionInformation (long ConnectionNumber, string ObjectName, ref int
ObjectType, ref int ObjectID, ref DATE_AND_TIME loginTime) Library "NWNETAPI.DLL"

391\$ GetConnectionInformation
392# GetConnectionInformation
393² Help Magician footnote: DO NOT EDIT; 0
394⁺ Connection_Services:005
395^K GetConnectionInformation;

\$³⁹⁶#³⁹⁷2³⁹⁸+³⁹⁹K⁴⁰⁰**GetConnectionNumber**

Function Long GetConnectionNumber () Library "NWNETAPI.DLL"

396\$ GetConnectionNumber
397# GetConnectionNumber
398² Help Magician footnote: DO NOT EDIT; 0
399⁺ Connection_Services:006
400^K GetConnectionNumber;

\$₄₀₁#₄₀₂2₄₀₃+₄₀₄K₄₀₅**GetInternetAddress**

Function Integer GetInternetAddress (long ConnectionNumber, ref long NetworkNumber, ref NodeAddress PhysicalNodeAddress, ref int SocketNumber) Library "NWNETAPI.DLL"

401\$ GetInternetAddress
402# GetInternetAddress
403² Help Magician footnote: DO NOT EDIT; 0
404⁺ Connection_Services:007
405^K GetInternetAddress;

\$⁴⁰⁶#⁴⁰⁷2⁴⁰⁸+⁴⁰⁹K⁴¹⁰**GetObjectConnectionNumbers**

Function Integer GetObjectConnectionNumbers (string ObjectName, int ObjectType, ref long
NumberOfConnections, ref long ConnectionList, long MaxConnections) Library "NWNETAPI.DLL"

406\$ GetObjectConnectionNumbers
407# GetObjectConnectionNumbers
408² Help Magician footnote: DO NOT EDIT; 0
409+ Connection_Services:008
410^K GetObjectConnectionNumbers;

\$₄₁₁#₄₁₂2₄₁₃+₄₁₄K₄₁₅**GetStationAddress**

Function Integer GetStationAddress (ref NodeAddress PhysicalNodeAddress) Library
"NWNETAPI.DLL"

411\$ GetStationAddress
412# GetStationAddress
413² Help Magician footnote: DO NOT EDIT; 0
414⁺ Connection_Services:009
415^K GetStationAddress;

\$⁴¹⁶#⁴¹⁷2⁴¹⁸+⁴¹⁹K⁴²⁰**LoginToFileServer**

Function Integer LoginToFileServer (string ObjectName, int ObjectType, string ObjectPassword)
Library "NWNETAPI.DLL"

416\$ LoginToFileServer
417# LoginToFileServer
418² Help Magician footnote: DO NOT EDIT; 0
419⁺ Connection_Services:010
420^K LoginToFileServer;

\$₄₂₁#₄₂₂2₄₂₃+₄₂₄K₄₂₅**Logout**

Function Integer Logout () Library "NWNETAPI.DLL"

421\$ Logout

422# Logout

423² Help Magician footnote: DO NOT EDIT; 0

424⁺ Connection_Services:011

425^K Logout;

^{\$426#4272428+429K430}**LogoutFromFileServer**

Function Integer LogoutFromFileServer (int ConnectionID) Library "NWNETAPI.DLL"

426^{\$} LogoutFromFileServer
427[#] LogoutFromFileServer
428² Help Magician footnote: DO NOT EDIT; 0
429⁺ Connection_Services:012
430^K LogoutFromFileServer;

^{\$}₄₃₁[#]₄₃₂²₄₃₃⁺₄₃₄^K₄₃₅Connection Services Structures

DATE AND TIME

^{\$}₄₃₁ Connection Services Structures
[#]₄₃₂ Connection_Services_Structures
²₄₃₃ Help Magician footnote: DO NOT EDIT; 0
⁺₄₃₄ Connection_Services:013
^K₄₃₅ Connection Services Structures;

\$₄₃₆#₄₃₇2₄₃₈K₄₃₉**DATE_AND_TIME**

Year string
Month string
Date string
Hour string
Minute string
Second string
Day string

436\$ DATE_AND_TIME
437# DATE_AND_TIME
438² Help Magician footnote: DO NOT EDIT; 0
439K DATE_AND_TIME;

\$⁴⁴⁰#⁴⁴¹2⁴⁴²+⁴⁴³K⁴⁴⁴**AbortSendingPackets**

Function Integer AbortSendingPackets (int ConnectionID, int ComponentNumber) Library
"NWIPXSPX.DLL"

440\$ AbortSendingPackets
441# AbortSendingPackets
442² Help Magician footnote: DO NOT EDIT; 0
443+ Diagnostic_Services:001
444^K AbortSendingPackets;

\$⁴⁴⁵#⁴⁴⁶2⁴⁴⁷+⁴⁴⁸K⁴⁴⁹**GetIPXSPXVersion**

Function Integer GetIPXSPXVersion (int ConnectionID, int ComponentNumber, ref AllResponseData
Response, ref ReturnReceivedPacketStruct ResponseData) Library "NWIPXSPX.DLL"

445\$ GetIPXSPXVersion

446# GetIPXSPXVersion

447² Help Magician footnote: DO NOT EDIT; 0

448⁺ Diagnostic_Services:002

449^K GetIPXSPXVersion;

\$450#4512452+453K454**GetIPXStatistics**

Function Integer GetIPXStatistics (int ConnectionID, int ComponentNumber, ref AllResponseData
Response, ref IPXStatisticsStruct ResponseData) Library "NWIPXSPX.DLL"

450\$ GetIPXStatistics
451# GetIPXStatistics
452² Help Magician footnote: DO NOT EDIT; 0
453⁺ Diagnostic_Services:003
454^K GetIPXStatistics;

\$⁴⁵⁵#⁴⁵⁶2⁴⁵⁷+⁴⁵⁸K⁴⁵⁹**GetSPXStatistics**

Function Integer GetSPXStatistics (int ConnectionID, int
ComponentNumber, ref AllResponseData Response, ref SPXStatisticsStruct ResponseData) Library
"NWIPXSPX.DLL"

455\$ GetSPXStatistics
456# GetSPXStatistics
457² Help Magician footnote: DO NOT EDIT; 0
458⁺ Diagnostic_Services:004
459K GetSPXStatistics;

\$⁴⁶⁰#⁴⁶¹2⁴⁶²+⁴⁶³K⁴⁶⁴**StartCountingPkts**

Function Integer StartCountingPkts (int ConnectionID, int ComponentNumber, ref AllResponseData
Response, ref StartCountingPacketsStruct ResponseData) Library "NWIPXSPX.DLL"

460\$ StartCountingPkts
461# StartCountingPkts
462² Help Magician footnote: DO NOT EDIT; 0
463⁺ Diagnostic_Services:006
464^K StartCountingPkts;

\$⁴⁶⁵#⁴⁶⁶2⁴⁶⁷+⁴⁶⁸K⁴⁶⁹**StartSendingPkts**

Function Integer StartSendingPktsTimed (int ConnectionID, int ComponentNumber, ref
SendPacketsRequestStruct RequestData, ref AllResponseData Response, ref SendPacketsResponseStruct
ResponseData, int Ticks) Library "NWIPXSPX.DLL"

465\$ StartSendingPkts
466# StartSendingPkts
467² Help Magician footnote: DO NOT EDIT; 0
468⁺ Diagnostic_Services:007
469K StartSendingPkts;

\$⁴⁷⁰#⁴⁷¹2⁴⁷²+⁴⁷³K⁴⁷⁴**GetBridgeDriverConfiguration**

Function Integer GetBridgeDriverConfiguration (int ConnectionID, int ComponentNumber, int LANBoardNumber, ref AllResponseData Response, ref DriverConfigurationStruct ResponseData)
Library "NWIPXSPX.DLL"

470\$ GetBridgeDriverConfiguration
471# GetBridgeDriverConfiguration
472² Help Magician footnote: DO NOT EDIT; 0
473+ Diagnostic_Services:008
474^K GetBridgeDriverConfiguration;

\$⁴⁷⁵#⁴⁷⁶2⁴⁷⁷+⁴⁷⁸K⁴⁷⁹**GetBridgeDriverStatistics**

Function Integer GetBridgeDriverStatistics (int ConnectionID, int ComponentNumber, int LANBoardNumber, ref AllResponseData Response, ref DriverStatisticsStruct ResponseData) Library "NWIPXSPX.DLL"

475\$ GetBridgeDriverStatistics
476# GetBridgeDriverStatistics
477² Help Magician footnote: DO NOT EDIT; 0
478+ Diagnostic_Services:009
479K GetBridgeDriverStatistics;

\$480#4812482+483K484**GetBridgeDriverStatus**

Function Integer GetBridgeDriverStatus (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref BridgeDriverStatusStruct ResponseData) Library "NWIPXSPX.DLL"

480\$ GetBridgeDriverStatus
481# GetBridgeDriverStatus
482² Help Magician footnote: DO NOT EDIT; 0
483⁺ Diagnostic_Services:010
484^K GetBridgeDriverStatus;

\$⁴⁸⁵#⁴⁸⁶2⁴⁸⁷+⁴⁸⁸K⁴⁸⁹**GetShellDriverConfiguration**

Function Integer GetShellDriverConfiguration (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref DriverConfigurationStruct ResponseData) Library "NWIPXSPX.DLL"

485\$ GetShellDriverConfiguration
486# GetShellDriverConfiguration
487² Help Magician footnote: DO NOT EDIT; 0
488⁺ Diagnostic_Services:011
489^K GetShellDriverConfiguration;

\$⁴⁹⁰#⁴⁹¹2⁴⁹²+⁴⁹³K⁴⁹⁴**GetShellDriverStatistics**

Function Integer GetShellDriverStatistics (int ConnectionID, int ComponentNumber, ref
AllResponseData Response, ref DriverStatisticsStruct ResponseData) Library "NWIPXSPX.DLL"

490\$ GetShellDriverStatistics
491# GetShellDriverStatistics
492² Help Magician footnote: DO NOT EDIT; 0
493⁺ Diagnostic_Services:012
494^K GetShellDriverStatistics;

\$⁴⁹⁵#⁴⁹⁶2⁴⁹⁷+⁴⁹⁸K⁴⁹⁹**BeginDiagnostics**

Function Integer BeginDiagnostics (ref BeginDiagnosticStruct Destination, ref int ConnectionID, ref ComponentList CompList) Library "NWIPXSPX.DLL"

495\$ BeginDiagnostics
496# BeginDiagnostics
497² Help Magician footnote: DO NOT EDIT; 0
498⁺ Diagnostic_Services:013
499K BeginDiagnostics;

$\$_{500}\#_{501}2_{502}+_{503}K_{504}$ **EndDiagnostics**

Function Integer EndDiagnostics (int ConnectionID) Library "NWIPXSPX.DLL"

$500\$$ EndDiagnostics
 $501\#$ EndDiagnostics
 502^2 Help Magician footnote: DO NOT EDIT; 0
 503^+ Diagnostic_Services:014
 504^K EndDiagnostics;

\$505\$5062507+508K509**FindComponentOffset**

Function Integer FindComponentOffset (ref ComponentList CompList, int ComponentID) Library
"NWIPXSPX.DLL"

505\$ FindComponentOffset
506# FindComponentOffset
507² Help Magician footnote: DO NOT EDIT; 0
508⁺ Diagnostic_Services:015
509^K FindComponentOffset;

\$₅₁₀#₅₁₁2₅₁₂+₅₁₃K₅₁₄**GetOSVersionInfo**

Function Integer GetOSVersionInfo (int ConnectionID, int ComponentNumber, ref AllResponseData response, ref OSVersionStruct ResponseData) Library "NWIPXSPX.DLL"

510\$ GetOSVersionInfo
511# GetOSVersionInfo
512² Help Magician footnote: DO NOT EDIT; 0
513⁺ Diagnostic_Services:016
514^K GetOSVersionInfo;

\$⁵¹⁵#⁵¹⁶2⁵¹⁷+⁵¹⁸K⁵¹⁹**GetServerAddressTable**

Function Integer GetServerAddressTable (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref ServerAddressTableStruct ResponseData) Library "NWIPXSPX.DLL"

515\$ GetServerAddressTable
516# GetServerAddressTable
517² Help Magician footnote: DO NOT EDIT; 0
518⁺ Diagnostic_Services:018
519^K GetServerAddressTable;

\$520#5212522+523K524**GetServerNameTable**

Function Integer GetServerNameTable (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref ServerNameTableStruct ResponseData) Library "NWIPXSPX.DLL"

520\$ GetServerNameTable
521# GetServerNameTable
522² Help Magician footnote: DO NOT EDIT; 0
523⁺ Diagnostic_Services:019
524^K GetServerNameTable;

\$525#5262527+528K529**GetShellAddress**

Function Integer GetShellAddress (int ConnectionID, int ComponentNumber, ref AllResponseData
Response, ref IPXAddress ResponseData) Library "NWIPXSPX.DLL"

525\$ GetShellAddress

526# GetShellAddress

527² Help Magician footnote: DO NOT EDIT; 0

528⁺ Diagnostic_Services:020

529^K GetShellAddress;

\$⁵³⁰#⁵³¹2⁵³²+⁵³³K⁵³⁴**GetShellStatistics**

Function Integer GetShellStatistics (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref ShellStatisticsStruct ResponseData) Library "NWIPXSPX.DLL"

530\$ GetShellStatistics
531# GetShellStatistics
532² Help Magician footnote: DO NOT EDIT; 0
533⁺ Diagnostic_Services:021
534^K GetShellStatistics;

\$535#5362537+538K539**GetAllKnownNetWorks**

Function Integer GetAllKnownNetWorks (int ConnectionID, int ComponentNumber, int
NextNetworkOffset, ref AllResponseData Response, ref AllKnownNetworksStruct ResponseData)
Library "NWIPXSPX.DLL"

535\$ GetAllKnownNetWorks
536# GetAllKnownNetWorks
537² Help Magician footnote: DO NOT EDIT; 0
538⁺ Diagnostic_Services:023
539^K GetAllKnownNetWorks;

\$540#5412,542+543K,544**GetBridgeStatistics**

Function Integer GetBridgeStatistics (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref BridgeStatisticsStruct ResponseData) Library "NWIPXSPX.DLL"

540\$ GetBridgeStatistics
541# GetBridgeStatistics
542² Help Magician footnote: DO NOT EDIT; 0
543⁺ Diagnostic_Services:025
544^K GetBridgeStatistics;

\$545#5462,547+548K,549**GetLocalTables**

Function Integer GetLocalTables (int ConnectionID, int
ComponentNumber, ref AllResponseData Response, ref LocalTablesStruct ResponseData) Library
"NWIPXSPX.DLL"

545\$ GetLocalTables
546# GetLocalTables
547² Help Magician footnote: DO NOT EDIT; 0
548⁺ Diagnostic_Services:026
549^K GetLocalTables;

\$550#5512552+553K554**GetSpecificNetworkInfo**

Function Integer GetSpecificNetworkInfo (int ConnectionID, int ComponentNumber, ref long
NetworkAddress, ref SpecificNetworkInfoStruct ResponseData) Library "NWIPXSPX.DLL"

550\$ GetSpecificNetworkInfo
551# GetSpecificNetworkInfo
552² Help Magician footnote: DO NOT EDIT; 0
553⁺ Diagnostic_Services:027
554^K GetSpecificNetworkInfo;

\$555#5562557+558K559**Diagnostic Services Global Constants**

int MAX_NETWORKS	= 120	
int MAX_SERVERS	= 150	
int MAX_NODES	= 120	
int MAX_EXCLUSIONS	= 80	
int MAX_COMPONENTS	= 10	
int MAX_LOCAL_NETWORKS	= 4	
int MAX_ROUTES	= 47	
int MAX_IPX_PACKET_SIZE	= 576	
int IPX_SPX_COMPONENT	= 0	
int BRIDGE_DRIVER_COMPONENT	= 1	
int SHELL_DRIVER_COMPONENT	= 2	
int SHELL_COMPONENT	= 3	
int VAP_SHELL_COMPONENT	= 4	
int BRIDGE_COMPONENT	= 5	
int FILE_SERVER_COMPONENT	= 6	
int NONDEDICATED_IPX_SPX_COMPONENT	= 7	
int IPX_ONLY	= 8	
int NO_ERRORS	= 0	
int COULD_NOT_GET_LOCAL_TARGET	= 255	
int COULD_NOT_OPEN_SOCKET	= 254	
int COULD_NOT_BEGIN_CONNECTION	= 253	
int COULD_NOT_ESTABLISH_CONNECTION	= 252	
int COULD_NOT_TERMINATE_CONNECTION	= 251	
int BAD_CONNECTION_ID	= 250	
int COULD_NOT_SEND_REQUEST	= 249	
int RECEIVED_REPLY_IN_ERROR	= 248	
int NETWORK_NOT_FOUND		= 239
int NO_RESPONSE_FROM_DESTINATION	= 238	
int RESPONSE_COMPLETION_CODE_BAD	= 237	
int LIST_SIZE_TOO_SMALL		= 236
int INTERNAL_LIST_ERROR		= 235
int NODE_NOT_FOUND_OR_NO_RESPONSE	= 234	
int MEMORY_ALLOCATION_ERROR	= 233	
int VERSION_DOES_NOT_SUPPORT	= 232	

555\$ Diagnostic Services Global Constants

556# Diagnostic_Services_Global_Constants

557² Help Magician footnote: DO NOT EDIT; 0

558⁺ Diagnostic_Services:029

559^K Diagnostic Services Global Constants;

\$⁵⁶⁰#⁵⁶¹2⁵⁶²+⁵⁶³K⁵⁶⁴**Diagnostic Services Structures**

NodeAddress
IPXAddress
IPXHeader
SPXHeader
ECBFragment
ECB
CONNECTION_INFO
BeginDiagnosticStruct
AllResponseData
IPXSPXVersion
IPXStatisticsStruct
SPXStatisticsStruct
ReturnReceivedPacketStruct
StartCountingPacketsStruct
SendPacketsRequestStruct
SendPacketsResponseStruct
DriverConfigurationStruct
DriverStatisticsStruct
BridgeDriverStatusStruct
ComponentList
OSVersionStruct
PrimaryServerStruct
ServerAddressTableStruct
ServerNameTableStruct
ShellStatisticsStruct
ShellVersionStruct
AllKnownNetworksStruct
ServerInfoStruct
AllKnownServersStruct
BridgeStatisticsStruct
LOCAL_ADDRESS
RoutingInfoStruct
SpecificNetworkInfoStruct
RouteSourceInfoStruct
SpecificServerInfoStruct

560\$ Diagnostic Services Structures
561# Diagnostic_Services_Structures
562² Help Magician footnote: DO NOT EDIT; 0
563+ Diagnostic_Services:030
564K Diagnostic Services Structures;

\$⁵⁶⁵#⁵⁶⁶2⁵⁶⁷K⁵⁶⁸**NodeAddress**

NodeHi	long
NodeLo	integer

⁵⁶⁵\$ NodeAddress
⁵⁶⁶# NodeAddress
⁵⁶⁷² Help Magician footnote: DO NOT EDIT; 0
⁵⁶⁸K NodeAddress;

\$569#5702571K572**IPXAddress**

Network	long
NodeAddr	<u>NodeAddress</u>
Socket	integer

569\$ IPXAddress
570# IPXAddress
571² Help Magician footnote: DO NOT EDIT; 0
572^K IPXAddress;

\$573#5742575K576**IPXHeader**

Checksum	integer
Length	integer
TransportControl	string
PacketType	string
Destination	<u>IPXAddress</u>
Source	<u>IPXAddress</u>

573\$ IPXHeader
574# IPXHeader
575² Help Magician footnote: DO NOT EDIT; 0
576^K IPXHeader;

\$577#5782,579K580**SPXHeader**

Checksum	integer
Length	integer
TransportControl	string
PacketType	string
Destination	<u>IPXAddress</u>
Source	<u>IPXAddress</u>
ConnectionControl	string
DataStreamType	string
SourceConnectionID	integer //high-low unsigned
DestConnectionID	integer //high-low unsigned
SequenceNumber	integer //high-low unsigned
AcknowledgeNumber	integer //high-low unsigned
AllocationNumber	integer //high-low unsigned

577\$ SPXHeader
578# SPXHeader
579² Help Magician footnote: DO NOT EDIT; 0
580^K SPXHeader;

\$⁵⁸¹#⁵⁸²2⁵⁸³K⁵⁸⁴ECBFragment

Address	long
Size	integer

581\$ ECBFragment
582# ECBFragment
583² Help Magician footnote: DO NOT EDIT; 0
584K ECBFragment;

\$585#5862587K588**ECB**

LinkAddress	long
EsrAddress	long
InUseFlag	string
CompletionCode	string
SocketNumber	integer
IpxWorkspace	string
DriverWorkspace	string
ImmediateAddress	<u>IPXAddress</u>
FragmentCount	integer
FragmentDescriptor	<u>ECBFragment</u>

585\$ ECB
586# ECB
587² Help Magician footnote: DO NOT EDIT; 0
588^K ECB;

\$589#5902591K592**CONNECTION_INFO**

ConnectionState	string
ConnectionFlags	string
SourceConnectionID	integer //high-low byte order
DestinationConnectionID	integer //hi-lo
SequenceNumber	integer //hi-lo
AcknowledgeNumber	integer //hi-lo
AllocationNumber	integer //hi-lo
RemoteAcknowledgeNumber	integer //hi-lo
RemoteAllocationNumber	integer //hi-lo
ConnectionSocket	integer
ImmediateAddress	<u>IPXAddress</u>
Destination	<u>IPXAddress</u>
RetransmissionCount	integer //hi-lo
EstimatedRoundTripDelay	integer //hi-lo
RetransmittedPackets	integer //hi-lo
SuppressedPackets	integer //hi-lo

589\$ CONNECTION_INFO

590# CONNECTION_INFO

591² Help Magician footnote: DO NOT EDIT; 0

592K CONNECTION_INFO;

\$593#5942,595K596**BeginDiagnosticStruct** //same as IPXAddress

Network	long
NodeAddr	<u>NodeAddress</u>
Socket	integer

593\$ BeginDiagnosticStruct
594# BeginDiagnosticStruct
595² Help Magician footnote: DO NOT EDIT; 0
596^K BeginDiagnosticStruct;

\$597#5982.599K600 AllResponseData

CompletionCode string
IntervalMarker long

597\$ AllResponseData
598# AllResponseData
599² Help Magician footnote: DO NOT EDIT; 0
600K AllResponseData;

\$601#6022,603K,604**IPXSPXVersion**

IPXMajorVersion	string
IPXMinorVersion	string
SPXMajorVersion	string
SPXMinorVersion	string

601\$ IPXSPXVersion
602# IPXSPXVersion
603² Help Magician footnote: DO NOT EDIT; 0
604^K IPXSPXVersion;

\$605#6062,607K608**IPXStatisticsStruct**

SendPacketCount	long
MalformedPacketCount	integer
GetECBRequestCount	long
GetECBFailureCount	long
AesEventCount	long
PostponedAESEventCount	integer
MaxConfiguredSocketsCount	integer
MaxOpenSocketsCount	integer
OpenSocketFailureCount	integer
ListenECBCount	long
EcbCancelFailureCount	integer
FindRouteFailureCount	integer

605\$ IPXStatisticsStruct

606# IPXStatisticsStruct

607² Help Magician footnote: DO NOT EDIT; 0

608^K IPXStatisticsStruct;

\$609#6102611K612**SPXStatisticsStruct**

MaxConnectionsCount	integer
MaxUsedConnectionsCount	integer
EstablishConnectionRequest	integer
EstablishConnectionFailure	integer
ListenConnectionRequestCount	integer
ListenConnectionFailureCount	integer
SendPacketCount	long
WindowChokeCount	long
BadSendPacketCount	integer
SendFailureCount	integer
AbortConnectionCount	integer
ListenPacketCount	long
BadListenPacketCount	integer
IncomingPacketCount	long
BadIncomingPacketCount	integer
SuppressedPacketCount	integer
NoSessionListenECBCount	integer
WatchdogDestroySessionCount	integer

609\$ SPXStatisticsStruct

610# SPXStatisticsStruct

611² Help Magician footnote: DO NOT EDIT; 0

612^K SPXStatisticsStruct;

\$₆₁₃#₆₁₄2₆₁₅K₆₁₆**ReturnReceivedPacketStruct**

ReceivedPackets integer

613\$ ReturnReceivedPacketStruct
614# ReturnReceivedPacketStruct
615² Help Magician footnote: DO NOT EDIT; 0
616^K ReturnReceivedPacketStruct;

\$₆₁₇#₆₁₈2₆₁₉K₆₂₀**StartCountingPacketsStruct**

DestinationSocket integer

617^{\$} StartCountingPacketsStruct
618[#] StartCountingPacketsStruct
619² Help Magician footnote: DO NOT EDIT; 0
620^K StartCountingPacketsStruct;

^{\$621}#⁶²²2⁶²³K⁶²⁴**SendPacketsRequestStruct**

Target	<u>BeginDiagnosticStruct</u>
ImmediateAddress	string
NumberOfPackets	integer
TimerTickInterval	string
PacketsPerTickInterval	string
PacketSize	integer
ChangeSize	integer

⁶²¹^{\$} SendPacketsRequestStruct

⁶²²[#] SendPacketsRequestStruct

⁶²³² Help Magician footnote: DO NOT EDIT; 0

⁶²⁴^K SendPacketsRequestStruct;

\$625#6262627K628**SendPacketsResponseStruct**

NumberOfTransmitErrors integer

625\$ SendPacketsResponseStruct
626# SendPacketsResponseStruct
627² Help Magician footnote: DO NOT EDIT; 0
628K SendPacketsResponseStruct;

\$⁶²⁹#⁶³⁰2⁶³¹K⁶³²**DriverConfigurationStruct**

NetworkAddr	long	
NodeAddr	<u>NodeAddress</u>	
LanMode	string	
NodeAddressType	string	
MaxDataSize	integer	
Reserved1	integer	
LanHardwareID	string	
TransportTime	integer	
Reserved2	string	
MajorVersion	string	
MinorVersion	string	
EthernetFlagBits	string	
SelectedConfiguration	string	
LanDescription	string	
IOAddress1	integer	
IODecodeRange1	integer	
IOAddress2	integer	
IODecodeRange2	integer	
MemoryAddress1	string	
MemoryDecodeRange1	integer	
MemoryAddress2	string	
MemoryDecodeRange2	string	
InterruptIsUsed1	string	
InterruptLine1	string	
InterruptIsUsed2	string	
InterruptLine2	string	
DMAIsUsed1	string	
DMALine1		string
DMAIsUsed2	string	
DMALine2		string
MicroChannelFlagBits	string	
Reserved3	string	
TextDescription	string	

629\$ DriverConfigurationStruct

630# DriverConfigurationStruct

631² Help Magician footnote: DO NOT EDIT; 0

632^K DriverConfigurationStruct;

\$633#6342635K636**DriverStatisticsStruct**

DriverVersion	string
StatisticsVersion	string
TotalTxPacketCount	long
TotalRxPacketCount	long
NoECBAvailableCount	integer
PacketTxTooBigCount	integer
PacketTxTooSmallCount	integer
PacketRxOverflowCount	integer
PacketRxTooBigCount	integer
PacketRxTooSmallCount	integer
PacketTxMiscErrorCount	integer
PacketRxMiscErrorCount	integer
RetryTxCount	integer
ChecksumErrorCount	integer
HardwareRxMismatchCount	integer
NumberOfCustomVariables	integer
VariableData	string

633\$ DriverStatisticsStruct

634# DriverStatisticsStruct

635² Help Magician footnote: DO NOT EDIT; 0

636K DriverStatisticsStruct;

^{\$}₆₃₇[#]₆₃₈²₆₃₉^K₆₄₀**BridgeDriverStatusStruct**

BoardStatus string

^{\$}₆₃₇ BridgeDriverStatusStruct
[#]₆₃₈ BridgeDriverStatusStruct
²₆₃₉ Help Magician footnote: DO NOT EDIT; 0
^K₆₄₀ BridgeDriverStatusStruct;

⁶⁴¹_{\$}⁶⁴²_#⁶⁴³₂⁶⁴⁴_K **ComponentList**

Components string

⁶⁴¹_{\$} ComponentList
⁶⁴²_# ComponentList
⁶⁴³₂ Help Magician footnote: DO NOT EDIT; 0
⁶⁴⁴_K ComponentList;

⁶⁴⁵_{\$}⁶⁴⁶_#⁶⁴⁷₂⁶⁴⁸_K OSVersionStruct

MachineID string
VersionData string

⁶⁴⁵_{\$} OSVersionStruct
⁶⁴⁶_# OSVersionStruct
⁶⁴⁷₂ Help Magician footnote: DO NOT EDIT; 0
⁶⁴⁸_K OSVersionStruct;

⁶⁴⁹~~\$~~⁶⁵⁰#⁶⁵¹2⁶⁵²KPrimaryServerStruct

Number string

⁶⁴⁹~~\$~~ PrimaryServerStruct
⁶⁵⁰# PrimaryServerStruct
⁶⁵¹² Help Magician footnote: DO NOT EDIT; 0
⁶⁵²K PrimaryServerStruct;

\$653#6542655K656**ServerAddressTableStruct**

ServerUsed	string
OrderNumber	string
ServerNetwork	long
ServerNode	<u>NodeAddress</u>
ServerSocket	integer
ReceivedTimeout	integer
ImmediateNode	<u>NodeAddress</u>
SequenceNumber	string
ConnectionNumber	long
ConnectionOK	string
MaximumTimeout	integer
Reserved	string

653\$ ServerAddressTableStruct
654# ServerAddressTableStruct
655² Help Magician footnote: DO NOT EDIT; 0
656^K ServerAddressTableStruct;

\$657#6582659K660**ServerNameTableStruct**

NameTable0	string
NameTable1	string
NameTable2	string
NameTable3	string
NameTable4	string
NameTable5	string
NameTable6	string
NameTable7	string

657\$ ServerNameTableStruct
658# ServerNameTableStruct
659² Help Magician footnote: DO NOT EDIT; 0
660K ServerNameTableStruct;

\$661#6622.663K.664**ShellStatisticsStruct**

ShellRequestsCount		long	
OperatorAbortsCount		integer	
TimeoutsCount		integer	
WriteErrorCount		integer	
InvalidReplyHeaderCount		integer	
InvalidSlotCount		integer	
InvalidSequenceNumberCount		integer	
ErrorReceivingCount		integer	
NoRouterFoundCount		integer	
BeingProcessedCount		integer	
UnknownErrorCount		integer	
InvalidServerSlotCount		integer	
NetworkGoneCount			integer
Reserved	integer		
AllocateCannotFindRouteCount		integer	
AllocateNoSlotsAvailableCount		integer	
AllocateServerIsDownCount		integer	

661\$ ShellStatisticsStruct

662# ShellStatisticsStruct

663² Help Magician footnote: DO NOT EDIT; 0

664K ShellStatisticsStruct;

\$665#6662.667K.668**ShellVersionStruct**

Minor	string
Major	string
Rev	string

665\$ ShellVersionStruct
666# ShellVersionStruct
667² Help Magician footnote: DO NOT EDIT; 0
668^K ShellVersionStruct;

\$⁶⁶⁹#⁶⁷⁰2⁶⁷¹K⁶⁷²**AllKnownNetworksStruct**

NumberOfNetworkAddresses integer

NetworkAddresses[128] long //up to 128 4-byte addresses

⁶⁶⁹\$ AllKnownNetworksStruct

⁶⁷⁰# AllKnownNetworksStruct

⁶⁷¹² Help Magician footnote: DO NOT EDIT; 0

⁶⁷²K AllKnownNetworksStruct;

\$673#6742675K676**ServerInfoStruct**

ServerType	integer
ServerName	string

673\$ ServerInfoStruct
674# ServerInfoStruct
675² Help Magician footnote: DO NOT EDIT; 0
676^K ServerInfoStruct;

\$₆₇₇#₆₇₈₂₆₇₉K₆₈₀**AllKnownServersStruct**

NumberOfServers	integer
ServerInfo[50]	<u>ServerInfoStruct</u>

677\$ AllKnownServersStruct
678# AllKnownServersStruct
679² Help Magician footnote: DO NOT EDIT; 0
680K AllKnownServersStruct;

\$681#6822,683K,684**BridgeStatisticsStruct**

TooManyHopsCount	integer
UnknownNetworkCount	integer
NoSpaceForServiceCount	integer
NoReceiveBuffersCount	integer
NotMyNetwork	integer
NetBIOSPropagateCount	long
TotalPacketsServiced	long
TotalPacketsRouted	long

681\$ BridgeStatisticsStruct
682# BridgeStatisticsStruct
683² Help Magician footnote: DO NOT EDIT; 0
684^K BridgeStatisticsStruct;

\$⁶⁸⁵#⁶⁸⁶2⁶⁸⁷K⁶⁸⁸LOCAL_ADDRESS

Address string
Reserved string

⁶⁸⁵\$ LOCAL_ADDRESS
⁶⁸⁶# LOCAL_ADDRESS
⁶⁸⁷² Help Magician footnote: DO NOT EDIT; 0
⁶⁸⁸K LOCAL_ADDRESS;

\$689#6902691K692**LocalTablesStruct**

LocalNetNumbers[16] long //16 4-byte net numbers
LocalNodeAddresses[16] LOCAL_ADDRESS

689\$ LocalTablesStruct
690# LocalTablesStruct
691² Help Magician footnote: DO NOT EDIT; 0
692^K LocalTablesStruct;

⁶⁹³_{\$}⁶⁹⁴_#⁶⁹⁵₂⁶⁹⁶_K**RoutingInfoStruct**

RouterForwardingAddress		long
RouterBoardNumber		string
Reserved	string	
RouteHops		string
RouteTime		string

⁶⁹³_{\$} RoutingInfoStruct
⁶⁹⁴_# RoutingInfoStruct
⁶⁹⁵₂ Help Magician footnote: DO NOT EDIT; 0
⁶⁹⁶_K RoutingInfoStruct;

\$697#6982,699K700**SpecificNetworkInfoStruct**

NetworkAddress	long
HopsToNet	string
Reserved	string
RouteTimeToNet	integer
NumberOfKnownRouters	integer
RoutingInfo[47]	<u>RoutingInfoStruct</u> //up to 47 structures

697\$ SpecificNetworkInfoStruct
698# SpecificNetworkInfoStruct
699² Help Magician footnote: DO NOT EDIT; 0
700K SpecificNetworkInfoStruct;

\$701#7022703K704**RouteSourceInfoStruct**

RouteSourceAddress	<u>NodeAddress</u>
RouteHopsToSource	integer
Reserved	string

701\$ RouteSourceInfoStruct
702# RouteSourceInfoStruct
703² Help Magician footnote: DO NOT EDIT; 0
704K RouteSourceInfoStruct;

\$705#7062707K708**SpecificServerInfoStruct**

ServerInfo	<u>ServerInfoStruct</u>
ServerAddress	<u>BeginDiagnosticStruct</u>
HopsToServer	integer
Reserved	integer
NumberOfRoutes	integer
RouteSourceInfo[47]	<u>RouteSourceInfoStruct</u>

705\$ SpecificServerInfoStruct
706# SpecificServerInfoStruct
707² Help Magician footnote: DO NOT EDIT; 0
708^K SpecificServerInfoStruct;

\$⁷⁰⁹#⁷¹⁰2⁷¹¹+⁷¹²K⁷¹³**ReturnReceivedPacketCount**

Function Integer ReturnReceivedPacketCount (int ConnectionID, int ComponentNumber, ref AllResponseData Response , ref ReturnReceivedPacketStruct ResponseData) Library "NWIPXSPX.DLL"

709\$ ReturnReceivedPacketCount
710# ReturnReceivedPacketCount
711² Help Magician footnote: DO NOT EDIT; 0
712⁺ Diagnostic_Services:005
713^K ReturnReceivedPacketCount;

⁷¹⁴\$⁷¹⁵#⁷¹⁶+⁷¹⁷K⁷¹⁸**GetPrimaryServerNumber**

Function Integer GetPrimaryServerNumber (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref PrimaryServerStruct ResponseData) Library "NWIPXSPX.DLL"

⁷¹⁴\$ GetPrimaryServerNumber
⁷¹⁵# GetPrimaryServerNumber
⁷¹⁶² Help Magician footnote: DO NOT EDIT; 0
⁷¹⁷⁺ Diagnostic_Services:017
⁷¹⁸^K GetPrimaryServerNumber;

\$⁷¹⁹#⁷²⁰2⁷²¹+⁷²²K⁷²³**GetShellVersionInfo**

Function Integer GetShellVersionInfo (int ConnectionID, int ComponentNumber, ref AllResponseData Response, ref ShellVersionStruct ResponseData) Library "NWIPXSPX.DLL"

719\$ GetShellVersionInfo
720# GetShellVersionInfo
721² Help Magician footnote: DO NOT EDIT; 0
722⁺ Diagnostic_Services:022
723^K GetShellVersionInfo;

\$⁷²⁴#⁷²⁵2⁷²⁶+⁷²⁷K⁷²⁸**GetAllKnownServers**

Function Integer GetAllKnownServers (int ConnectionID, int ComponentNumber, int
NumberServersToSkip, ref AllResponseData Response, ref AllKnownServersStruct ResponseData)
Library "NWIPXSPX.DLL"

724\$ GetAllKnownServers
725# GetAllKnownServers
726² Help Magician footnote: DO NOT EDIT; 0
727⁺ Diagnostic_Services:024
728^K GetAllKnownServers;

\$⁷²⁹#⁷³⁰2⁷³¹+⁷³²K⁷³³**GetSpecificServerInfo**

Function Integer GetSpecificServerInfo (int ConnectionID, int ComponentNumber, ref ServerInfoStruct Server, ref AllResponseData Response, ref SpecificServerInfoStruct ResponseData) Library "NWIPXSPX.DLL"

729\$ GetSpecificServerInfo
730# GetSpecificServerInfo
731² Help Magician footnote: DO NOT EDIT; 0
732⁺ Diagnostic_Services:028
733^K GetSpecificServerInfo;

^{\$734}#⁷³⁵2⁷³⁶+⁷³⁷K⁷³⁸ **AddTrusteeToDirectory**

Function Integer AddTrusteeToDirectory (int DirHandle, string DirPath, long TrusteeObjectID, int TrusteeRightsMask) Library "NWNETAPI.DLL"

⁷³⁴^{\$} AddTrusteeToDirectory
⁷³⁵[#] AddTrusteeToDirectory
⁷³⁶² Help Magician footnote: DO NOT EDIT; 0
⁷³⁷⁺ Directory_Services:001
⁷³⁸^K AddTrusteeToDirectory;

⁷³⁹\$⁷⁴⁰#⁷⁴¹+⁷⁴²K⁷⁴³**AllocPermanentDirectoryHandle**

Function Integer AllocPermanentDirectoryHandle (int DirHandle, string DirPath, int DriveLetter, ref int NewDirHandle, ref int EffectiveRightsMask) Library "NWNETAPI.DLL"

⁷³⁹\$ AllocPermanentDirectoryHandle
⁷⁴⁰# AllocPermanentDirectoryHandle
⁷⁴¹² Help Magician footnote: DO NOT EDIT; 0
⁷⁴²⁺ Directory_Services:002
⁷⁴³K AllocPermanentDirectoryHandle;

⁷⁴⁴\$⁷⁴⁵#⁷⁴⁶2⁷⁴⁷+⁷⁴⁸K **AllocTemporaryDirectoryHandle**

Function Integer AllocTemporaryDirectoryHandle (int DirHandle, string DirPath, int DriveLetter, ref int NewDirHandle, ref int EffectiveRightsMask) Library "NWNETAPI.DLL"

⁷⁴⁴\$ AllocTemporaryDirectoryHandle
⁷⁴⁵# AllocTemporaryDirectoryHandle
⁷⁴⁶2 Help Magician footnote: DO NOT EDIT; 0
⁷⁴⁷+ Directory_Services:003
⁷⁴⁸K AllocTemporaryDirectoryHandle;

\$⁷⁴⁹#⁷⁵⁰2⁷⁵¹+⁷⁵²K⁷⁵³**ClearVolRestrictions**

Function Integer ClearVolRestrictions (int ServerConnID, int VolNumber, long ObjectID) Library
"NWNETAPI.DLL"

⁷⁴⁹\$ ClearVolRestrictions
⁷⁵⁰# ClearVolRestrictions
⁷⁵¹² Help Magician footnote: DO NOT EDIT; 0
⁷⁵²⁺ Directory_Services:004
⁷⁵³K ClearVolRestrictions;

\$⁷⁵⁴#⁷⁵⁵2⁷⁵⁶+⁷⁵⁷K⁷⁵⁸**CreateDirectory**

Function Integer CreateDirectory (int DirHandle, string DirPath, int MaximumRightsMask) Library
"NWNETAPI.DLL"

754\$ CreateDirectory
755# CreateDirectory
756² Help Magician footnote: DO NOT EDIT; 0
757+ Directory_Services:005
758K CreateDirectory;

⁷⁵⁹\$⁷⁶⁰#⁷⁶¹+⁷⁶²K⁷⁶³**DeallocateDirectoryHandle**

Function Integer DeallocateDirectoryHandle (int DirHandle) Library "NWNETAPI.DLL"

⁷⁵⁹\$ DeallocateDirectoryHandle
⁷⁶⁰# DeallocateDirectoryHandle
⁷⁶¹² Help Magician footnote: DO NOT EDIT; 0
⁷⁶²⁺ Directory_Services:006
⁷⁶³K DeallocateDirectoryHandle;

⁷⁶⁴\$⁷⁶⁵#⁷⁶⁶2⁷⁶⁷+⁷⁶⁸K DeleteDirectory

Function Integer DeleteDirectory (int DirHandle, string DirPath) Library "NWNETAPI.DLL"

⁷⁶⁴\$ DeleteDirectory

⁷⁶⁵# DeleteDirectory

⁷⁶⁶2 Help Magician footnote: DO NOT EDIT; 0

⁷⁶⁷+ Directory_Services:007

⁷⁶⁸K DeleteDirectory;

⁷⁶⁹\$⁷⁷⁰#⁷⁷¹2⁷⁷²K⁷⁷³**DeleteTrustee**

Function Integer DeleteTrustee (int ServerConnID, int DirHandle, string Path, long ObjectID) Library
"NWNETAPI.DLL"

//3.x/4.x only

⁷⁶⁹\$ DeleteTrustee

⁷⁷⁰# DeleteTrustee

⁷⁷¹² Help Magician footnote: DO NOT EDIT; 0

⁷⁷²⁺ Directory_Services:008

⁷⁷³K DeleteTrustee;

⁷⁷⁴\$⁷⁷⁵#⁷⁷⁶²⁷⁷⁷+⁷⁷⁸K **DeleteTrusteeFromDirectory**

Function Integer DeleteTrusteeFromDirectory (int DirHandle, string DirPath, long TrusteeObjectID)
Library "NWNETAPI.DLL"

⁷⁷⁴\$ DeleteTrusteeFromDirectory
⁷⁷⁵# DeleteTrusteeFromDirectory
⁷⁷⁶² Help Magician footnote: DO NOT EDIT; 0
⁷⁷⁷+ Directory_Services:009
⁷⁷⁸K DeleteTrusteeFromDirectory;

\$⁷⁷⁹#⁷⁸⁰2⁷⁸¹+⁷⁸²K⁷⁸³**GetCurrentDirectory**

Function Integer GetCurrentDirectory (int DriveNumber, string Directory) Library "NWNETAPI.DLL"

⁷⁷⁹\$ GetCurrentDirectory
⁷⁸⁰# GetCurrentDirectory
⁷⁸¹² Help Magician footnote: DO NOT EDIT; 0
⁷⁸²⁺ Directory_Services:010
⁷⁸³^K GetCurrentDirectory;

\$⁷⁸⁴#⁷⁸⁵2⁷⁸⁶+⁷⁸⁷K⁷⁸⁸**GetDirectoryHandle**

Function Integer GetDirectoryHandle (int DriveNumber) Library "NWNETAPI.DLL"

784\$ GetDirectoryHandle
785# GetDirectoryHandle
786² Help Magician footnote: DO NOT EDIT; 0
787⁺ Directory_Services:011
788^K GetDirectoryHandle;

\$⁷⁸⁹#⁷⁹⁰2⁷⁹¹+⁷⁹²K⁷⁹³**GetDirectoryPath**

Function Integer GetDirectoryPath (int DirHandle, string DirPath) Library "NWNETAPI.DLL"

//DirPath must be initialized to 255 bytes

789\$ GetDirectoryPath
790# GetDirectoryPath
791² Help Magician footnote: DO NOT EDIT; 0
792⁺ Directory_Services:012
793^K GetDirectoryPath;

\$⁷⁹⁴#⁷⁹⁵2⁷⁹⁶+⁷⁹⁷K⁷⁹⁸**GetDirEntry**

Function Integer GetDirEntry (int ServerConnID, int DirHandle, ref NWDIR_ENTRY DirEntry) Library
"NWNETAPI.DLL"

//3.x/4.x only

794\$ GetDirEntry

795# GetDirEntry

796² Help Magician footnote: DO NOT EDIT; 0

797⁺ Directory_Services:013

798^K GetDirEntry;

\$⁷⁹⁹#⁸⁰⁰2⁸⁰¹+⁸⁰²K⁸⁰³**GetDirInfo**

Function Integer GetDirInfo (int ServerConnID, int DirHandle, ref NWDIR_INFO DirInfo) Library
"NWNETAPI.DLL"

//3.x/4.x only

799\$ GetDirInfo

800# GetDirInfo

801² Help Magician footnote: DO NOT EDIT; 0

802⁺ Directory_Services:014

803^K GetDirInfo;

\$⁸⁰⁴#⁸⁰⁵2⁸⁰⁶+⁸⁰⁷K⁸⁰⁸**GetDriveInformation**

Function Integer GetDriveInformation (int DriveNumber, ref int ConnectionID, ref int DirHandle)
Library "NWNETAPI.DLL"

804\$ GetDriveInformation
805# GetDriveInformation
806² Help Magician footnote: DO NOT EDIT; 0
807⁺ Directory_Services:015
808^K GetDriveInformation;

\$⁸⁰⁹#⁸¹⁰2⁸¹¹+⁸¹²K⁸¹³**GetEffectiveDirectoryRights**

Function Integer GetEffectiveDirectoryRights (int DirHandle, string DirPath, ref int EffectiveRightsMask
) Library "NWNETAPI.DLL"

⁸⁰⁹\$ GetEffectiveDirectoryRights
⁸¹⁰# GetEffectiveDirectoryRights
⁸¹¹² Help Magician footnote: DO NOT EDIT; 0
⁸¹²⁺ Directory_Services:016
⁸¹³^K GetEffectiveDirectoryRights;

\$⁸¹⁴#⁸¹⁵2⁸¹⁶+⁸¹⁷K⁸¹⁸**GetEffectiveRights**

Function Integer GetEffectiveRights (int ServerConnID, int DirHandle, string Path, ref int Rights)
Library "NWNETAPI.DLL"

//3.x/4.x only

814\$ GetEffectiveRights
815# GetEffectiveRights
816² Help Magician footnote: DO NOT EDIT; 0
817⁺ Directory_Services:017
818^K GetEffectiveRights;

\$⁸¹⁹#⁸²⁰2⁸²¹+⁸²²K⁸²³**GetObjectDiskRestrictions**

Function Integer GetObjectDiskRestrictions (int ServerConnID, int VolNumber, long ObjectID, ref long VolRestrictions, ref long BlocksInUse) Library "NWNETAPI.DLL"

//3.x/4.x only

819\$ GetObjectDiskRestrictions
820# GetObjectDiskRestrictions
821² Help Magician footnote: DO NOT EDIT; 0
822⁺ Directory_Services:018
823^K GetObjectDiskRestrictions;

\$⁸²⁴#⁸²⁵2⁸²⁶+⁸²⁷K⁸²⁸**GetSearchDriveVector**

Function Integer GetSearchDriveVector (ref DRIVE_VECTOR VectorBuffer) Library
"NWNETAPI.DLL"

//VectorBuffer must be initialized to 17 bytes

824\$ GetSearchDriveVector
825# GetSearchDriveVector
826² Help Magician footnote: DO NOT EDIT; 0
827⁺ Directory_Services:019
828^K GetSearchDriveVector;

\$829#8302831+832K833**GetVolumeInformation**

Function Integer GetVolumeInformation (int ConnectionID, int VolumeNumber, int StructSize, ref
VOLUME_STATS VolStats) Library "NWNETAPI.DLL"

829\$ GetVolumeInformation
830# GetVolumeInformation
831² Help Magician footnote: DO NOT EDIT; 0
832⁺ Directory_Services:020
833^K GetVolumeInformation;

\$⁸³⁴#⁸³⁵2⁸³⁶+⁸³⁷K⁸³⁸**GetVolumeInfoWithHandle**

Function Integer GetVolumeInfoWithHandle (int DirHandle, string VolumeName, ref int TotalBlocks, ref int SectorsPerBlock, ref int AvailableBlocks, ref int TotalDirectorySlots, ref int AvailableDirectorySlots, ref int VolumeIsRemovable) Library "NWNETAPI.DLL"

//VolumeName must be initialized to 16 bytes

834\$ GetVolumeInfoWithHandle
835# GetVolumeInfoWithHandle
836² Help Magician footnote: DO NOT EDIT; 0
837⁺ Directory_Services:021
838^K GetVolumeInfoWithHandle;

\$⁸³⁹#⁸⁴⁰2⁸⁴¹+⁸⁴²K⁸⁴³**GetVolumeInfoWithNumber**

Function Integer GetVolumeInfoWithNumber (int VolNumber, string VolumeName, ref int TotalBlocks, ref int SectorsPerBlock, ref int AvailableBlocks, ref int TotalDirectorySlots, ref int AvailableDirectorySlots, ref int VolumeIsRemovable) Library "NWNETAPI.DLL"

//volumeName must be initialized to 16 bytes

839\$ GetVolumeInfoWithNumber
840# GetVolumeInfoWithNumber
841² Help Magician footnote: DO NOT EDIT; 0
842⁺ Directory_Services:022
843^K GetVolumeInfoWithNumber;

\$⁸⁴⁴#⁸⁴⁵2⁸⁴⁶+⁸⁴⁷K⁸⁴⁸**GetVolumeName**

Function Integer GetVolumeName (int VolumeNumber, string VolumeName) Library
"NWNETAPI.DLL"

//VolumeName must be initialized to 16 bytes

844\$ GetVolumeName
845# GetVolumeName
846² Help Magician footnote: DO NOT EDIT; 0
847⁺ Directory_Services:023
848^K GetVolumeName;

\$⁸⁴⁹#⁸⁵⁰2⁸⁵¹+⁸⁵²K⁸⁵³**GetVolumeNumber**

Function Integer GetVolumeNumber (string VolumeName, ref int VolumeNumber) Library
"NWNETAPI.DLL"

849\$ GetVolumeNumber
850# GetVolumeNumber
851² Help Magician footnote: DO NOT EDIT; 0
852⁺ Directory_Services:024
853^K GetVolumeNumber;

\$854#8552856+857K858**GetVolUsage**

Function Integer GetVolUsage (int ServerConnID, int VolNumber, ref NWVOL_USAGE VolUsage)
Library "NWNETAPI.DLL"

//3.x/4.x only

854\$ GetVolUsage
855# GetVolUsage
856² Help Magician footnote: DO NOT EDIT; 0
857⁺ Directory_Services:025
858^K GetVolUsage;

\$⁸⁵⁹#⁸⁶⁰2⁸⁶¹+⁸⁶²K⁸⁶³**IsSearchDrive**

Function Integer IsSearchDrive (int DriveLetter) Library "NWNETAPI.DLL"

859\$ IsSearchDrive
860# IsSearchDrive
861² Help Magician footnote: DO NOT EDIT; 0
862⁺ Directory_Services:026
863^K IsSearchDrive;

\$⁸⁶⁴#⁸⁶⁵2⁸⁶⁶+⁸⁶⁷K⁸⁶⁸**MapDrive**

Function Integer MapDrive (int ConnectionID, int BaseDriveNumber, string DirectoryPath, int SearchFlag, int SearchOrder, string DriveLetter) Library "NWNETAPI.DLL"

864\$ MapDrive

865# MapDrive

866² Help Magician footnote: DO NOT EDIT; 0

867⁺ Directory_Services:027

868^K MapDrive;

^{\$869#8702871+872K873}**MapDriveUsingString**

Function Integer MapDriveUsingString (string MapType, string Drive, string MapString) Library
"NWNETAPI.DLL"

869\$ MapDriveUsingString
870# MapDriveUsingString
871² Help Magician footnote: DO NOT EDIT; 0
872⁺ Directory_Services:028
873^K MapDriveUsingString;

^{\$874#8752876+877K878}**MapV2TrusteeRightsToV3**

Function Long MapV2TrusteeRightsToV3 (int TrusteeRightsV2) Library "NWNETAPI.DLL"

//3.x/4.x only

874\$ MapV2TrusteeRightsToV3
875# MapV2TrusteeRightsToV3
876² Help Magician footnote: DO NOT EDIT; 0
877⁺ Directory_Services:029
878^K MapV2TrusteeRightsToV3;

\$⁸⁷⁹#⁸⁸⁰2⁸⁸¹+⁸⁸²K⁸⁸³**MapV3TrusteeRightsToV2**

Function Integer MapV3TrusteeRightsToV2 (long TrusteeRightsV3) Library "NWNETAPI.DLL"

//3.x/4.x only

⁸⁷⁹\$ MapV3TrusteeRightsToV2
⁸⁸⁰# MapV3TrusteeRightsToV2
⁸⁸¹² Help Magician footnote: DO NOT EDIT; 0
⁸⁸²⁺ Directory_Services:030
⁸⁸³K MapV3TrusteeRightsToV2;

\$⁸⁸⁴#⁸⁸⁵2⁸⁸⁶+⁸⁸⁷K⁸⁸⁸ModifyMaximumRightsMask

Function Integer ModifyMaximumRightsMask (int DirectoryHandle, string DirectoryPath, int RevokeRightsMask, int GrantRightsMask) Library "NWNETAPI.DLL"

884\$ ModifyMaximumRightsMask
885# ModifyMaximumRightsMask
886² Help Magician footnote: DO NOT EDIT; 0
887⁺ Directory_Services:031
888^K ModifyMaximumRightsMask;

\$889#8902891+892K893**MoveEntry**

Function Integer MoveEntry (int ServerConnID, int SourceAttributes, int SourceDirHandle, string SourcePath, int DestDirHandle, string DestPath) Library "NWNETAPI.DLL"

//3.x/4.x only

889\$ MoveEntry

890# MoveEntry

891² Help Magician footnote: DO NOT EDIT; 0

892⁺ Directory_Services:032

893^K MoveEntry;

\$894#8952896+897K898 **RenameDirectory**

Function Integer RenameDirectory (int DirectoryHandle, string DirectoryPath, string
NewDirectoryName) Library "NWNETAPI.DLL"

894\$ RenameDirectory
895# RenameDirectory
896² Help Magician footnote: DO NOT EDIT; 0
897⁺ Directory_Services:033
898^K RenameDirectory;

\$899#9002901+902K903**RestoreDirectoryHandle**

Function Integer RestoreDirectoryHandle (string saveBuffer, ref int NewDirectoryHandle, ref int EffectiveRightsMask) Library "NWNETAPI.DLL"

//2.x only

//saveBuffer must be initialized to 14 characters

899\$ RestoreDirectoryHandle

900# RestoreDirectoryHandle

901² Help Magician footnote: DO NOT EDIT; 0

902⁺ Directory_Services:034

903^K RestoreDirectoryHandle;

\$⁹⁰⁴#⁹⁰⁵2⁹⁰⁶+⁹⁰⁷K⁹⁰⁸**SaveDirectoryHandle**

Function Integer SaveDirectoryHandle (int DirectoryHandle, string SaveBuffer) Library
"NWNETAPI.DLL"

//2.x only

904\$ SaveDirectoryHandle
905# SaveDirectoryHandle
906² Help Magician footnote: DO NOT EDIT; 0
907⁺ Directory_Services:035
908^K SaveDirectoryHandle;

\$909#9102911+912K913**ScanDirectoryForTrustees**

Function Integer ScanDirectoryForTrustees (int DirectoryHandle, string DirectoryPath, ref int
SequenceNumber, string DirectoryName, ref long CreationDateAndTime, ref long OwnerID, ref long
TrusteeIDs[5], ref string TrusteeRights) Library "NWNETAPI.DLL"

//2.x only

//directoryName must be initialized to 16 bytes

//trusteeIDs is an array of 5 Longs

//trusteeRights must be initialized to 5 bytes

909\$ ScanDirectoryForTrustees

910# ScanDirectoryForTrustees

911² Help Magician footnote: DO NOT EDIT; 0

912⁺ Directory_Services:036

913^K ScanDirectoryForTrustees;

\$⁹¹⁴#⁹¹⁵2⁹¹⁶+⁹¹⁷K⁹¹⁸**ScanDirectoryInformation**

Function Integer ScanDirectoryInformation (int DirectoryHandle, string SearchDirectoryPath, ref int
SequenceNumber, string DirectoryName, ref long CreationDateAndTime, ref long OwnerObjectID, ref int
MaximumRightsMask) Library "NWNETAPI.DLL"

//DirectoryName must be initialized to 16 bytes

914\$ ScanDirectoryInformation
915# ScanDirectoryInformation
916² Help Magician footnote: DO NOT EDIT; 0
917⁺ Directory_Services:037
918^K ScanDirectoryInformation;

\$⁹¹⁹#⁹²⁰2⁹²¹+⁹²²K⁹²³**ScanDirEntry**

Function Integer ScanDirEntry (int ServerConnID, int DirHandle, string SearchPath, int SearchAttributes, ref int Sequence, ref NWDIR_ENTRY DirEntry) Library "NWNETAPI.DLL"

919\$ ScanDirEntry
920# ScanDirEntry
921² Help Magician footnote: DO NOT EDIT; 0
922⁺ Directory_Services:038
923^K ScanDirEntry;

⁹²⁴\$⁹²⁵#⁹²⁶2⁹²⁷+⁹²⁸K⁹²⁸**ScanDirRestrictions**

Function Integer ScanDirRestrictions (int ServerConnID, int DirHandle, string Buffer, int
NumberOfStructures) Library "NWNETAPI.DLL"

//3.x/4.x only

//buffer must be initialized to ((numberOfStructures * 9) + 1) bytes

⁹²⁴\$ ScanDirRestrictions

⁹²⁵# ScanDirRestrictions

⁹²⁶2 Help Magician footnote: DO NOT EDIT; 0

⁹²⁷+ Directory_Services:039

⁹²⁸K ScanDirRestrictions;

\$⁹²⁹#⁹³⁰2⁹³¹+⁹³²K⁹³³**ScanEntryForTrustees**

For NetWare 2.x:

Function Integer ScanEntryForTrustees (int ServerConnID, int DirectoryHandle, string DirectoryPath, ref TRUSTEE_BUFFER_2X TrusteeBuffer, int TrusteeSetNumber, int TrusteeGroupsToReturn) Library "NWNETAPI.DLL"

For NetWare 3.x and 4.x:

Function Integer ScanEntryForTrustees (int ServerConnID, int DirectoryHandle, string DirectoryPath, ref TRUSTEE_BUFFER_3X TrusteeBuffer, int TrusteeSetNumber, int TrusteeGroupsToReturn) Library "NWNETAPI.DLL"

⁹²⁹\$ ScanEntryForTrustees

⁹³⁰# ScanEntryForTrustees

⁹³¹² Help Magician footnote: DO NOT EDIT; 0

⁹³²⁺ Directory_Services:040

⁹³³K ScanEntryForTrustees;

\$⁹³⁴#⁹³⁵2⁹³⁶+⁹³⁷K⁹³⁸**ScanVolForRestrictions**

Function Integer ScanVolForRestrictions (int ServerConnID, int VolumeNumber, ref int Sequence, ref NWBUFFER Buffer) Library "NWNETAPI.DLL"

//3.x/4.x only

934\$ ScanVolForRestrictions

935# ScanVolForRestrictions

936² Help Magician footnote: DO NOT EDIT; 0

937⁺ Directory_Services:041

938^K ScanVolForRestrictions;

\$⁹³⁹#⁹⁴⁰2⁹⁴¹+⁹⁴²K⁹⁴³**SetDirectoryHandle**

Function Integer SetDirectoryHandle (int SourceDirectoryHandle, string SourceDirectoryPath, int TargetDirectoryHandle) Library "NWNETAPI.DLL"

939\$ SetDirectoryHandle
940# SetDirectoryHandle
941² Help Magician footnote: DO NOT EDIT; 0
942⁺ Directory_Services:042
943K SetDirectoryHandle;

\$⁹⁴⁴#⁹⁴⁵2⁹⁴⁶+⁹⁴⁷K⁹⁴⁸**SetDirectoryInformation**

Function Integer SetDirectoryInformation (int DirectoryHandle, string DirectoryPath, long
NewCreationDateAndTime, long NewOwnerObjectID, int NewRightsMask) Library
"NWNETAPI.DLL"

944\$ SetDirectoryInformation
945# SetDirectoryInformation
946² Help Magician footnote: DO NOT EDIT; 0
947⁺ Directory_Services:043
948^K SetDirectoryInformation;

\$949#9502951+952K953**SetDirRestriction**

Function Integer SetDirRestriction (int ServerConnID, int DirHandle, long Restriction) Library
"NWNETAPI.DLL"

//3.x/4.x only

949\$ SetDirRestriction
950# SetDirRestriction
951² Help Magician footnote: DO NOT EDIT; 0
952⁺ Directory_Services:044
953^K SetDirRestriction;

\$954#9552956+957K958**SetDrivePath**

Function Integer SetDrivePath (int DriveNumber, int
BaseDriveNumber, string Path, int PermanentFlag) Library "NWNETAPI.DLL"

954\$ SetDrivePath
955# SetDrivePath
956² Help Magician footnote: DO NOT EDIT; 0
957⁺ Directory_Services:045
958^K SetDrivePath;

\$959#9602961+962K963**SetEntry**

Function Integer SetEntry (int ServerConnID, int DirHandle, int SearchAttributes, long EntryID, long ChangeBits, ref NWDIR_ENTRY DirEntry) Library "NWNETAPI.DLL"

Or

Function Integer SetEntry (int ServerConnID, int DirHandle, int SearchAttributes, long EntryID, long ChangeBits, ref NWFILE_ENTRY FileEntry) Library "NWNETAPI.DLL"

//3.x/4.x only

959\$ SetEntry

960# SetEntry

961² Help Magician footnote: DO NOT EDIT; 0

962⁺ Directory_Services:046

963^K SetEntry;

\$⁹⁶⁴#⁹⁶⁵2⁹⁶⁶+⁹⁶⁷K⁹⁶⁸**SetSearchDriveVector**

Function Integer SetSearchDriveVector (string VectorBuffer) Library "NWNETAPI.DLL"

964\$ SetSearchDriveVector
965# SetSearchDriveVector
966² Help Magician footnote: DO NOT EDIT; 0
967⁺ Directory_Services:047
968^K SetSearchDriveVector;

\$⁹⁶⁹#⁹⁷⁰2⁹⁷¹+⁹⁷²K⁹⁷³**SetTrustee**

Function Integer SetTrustee (int ServerConnID, int DirHandle, string DirPath, long TrusteeObjectID,
long TrusteeRightsMask) Library "NWNETAPI.DLL"

//3.x/4.x only

969\$ SetTrustee

970# SetTrustee

971² Help Magician footnote: DO NOT EDIT; 0

972⁺ Directory_Services:048

973^K SetTrustee;

\$⁹⁷⁴#⁹⁷⁵2⁹⁷⁶+⁹⁷⁷K⁹⁷⁸**SetVolRestriction**

Function Integer SetVolRestriction (int ServerConnID, int VolNumber, long ObjectID, long Restriction)
Library "NWNETAPI.DLL"

//3.x/4.x only

974\$ SetVolRestriction
975# SetVolRestriction
976² Help Magician footnote: DO NOT EDIT; 0
977⁺ Directory_Services:049
978^K SetVolRestriction;

\$979#9802981+982K983 **Directory Services Global Constants**

```
//Modify flags for SetEntry
int M_MODIFY_NAME           = 1
int M_FILE_ATTRIBUTES       = 2
int M_CREATE_DATE          = 4
int M_CREATE_TIME          = 8
int M_OWNER_ID             = 16
int M_LAST_ARCHIVED_DATE   = 32
int M_LAST_ARCHIVED_TIME   = 64
int M_LAST_ARCHIVED_ID     = 128
int M_LAST_UPDATED_DATE    = 256
int M_LAST_UPDATED_TIME    = 512
int M_LAST_UPDATED_ID      = 1024
int M_LAST_ACCESSED_DATE    = 2048
int M_INHERITED_RIGHTS_MASK = 4096
int M_MAXIMUM_SPACE        = 8192
int M_MAC_MODIFY_NAME       = 1
int M_MAC_FINDER_INFO       = 2
int M_MAC_PRODOS_INFO      = 4

int NWMAX_VOL_NAME         = 48
int NCP_MAX_BUFFER         = 512

//Drive constants
int NO_BASE_DRIVE          = 255
int TEMPORARY_DRIVE        = 0
int PERMANENT_DRIVE        = 1
int TEMP_DRIVE             = 26
int TEMP_DRIVE1            = 27
int TEMP_DRIVE2            = 28
int TEMP_DRIVE3            = 29

//Search drive flags
int DRIVE_ADD              = 1
int DRIVE_INSERT           = 2
int DRIVE_DELETE           = 3
int MAX_NETWORK_SEARCH_DRIVES = 16

//Drive flags
int DRIVE_LOCAL            = 128
int DRIVE_PERMANENT        = 1
int DRIVE_TEMPORARY        = 2
int DRIVE_NETWORK          = 3

//Trustee rights for v2.x
int TA_NONE                = 0
int TA_READ                = 1
int TA_WRITE               = 2
```

979\$ Directory Services Global Constants

980# Directory_Services_Global_Constants

981² Help Magician footnote: DO NOT EDIT; 0

982⁺ Directory_Services:050

983^K Directory Services Global Constants;

int TA_OPEN	= 4	
int TA_CREATE	= 8	
int TA_DELETE	= 16	
int TA_OWNERSHIP		= 32
int TA_SEARCH	= 64	
int TA_MODIFY	= 128	
int TA_ALL	= 255	

//Trustee rights for v3.x/4.x

int TR_NONE	= 0
int TR_READ	= 1
int TR_WRITE	= 2
int TR_CREATE	= 8
int TR_ERASE	= 16
int TR_ACCESS	= 32
int TR_FILE	= 64
int TR_MODIFY	= 128
int TR_SUPERVISOR	= 256
int TR_NORMAL	= 255
int TR_ALL	= 511

//Set numTrusteeEntries to the number of trustees that the

// ScanEntryForTrustees function is to return data for.

// Used in the TRUSTEE_BUFFER_3X type below

int NumTrusteeEntries	= 4
-----------------------	-----

\$⁹⁸⁴#⁹⁸⁵2⁹⁸⁶+⁹⁸⁷K⁹⁸⁸**Directory Services Structures**

NWDIR_ENTRY

NWFILE_ENTRY

NWDIR_INFO

DRIVE_VECTOR

VOLUME_STATS

NWVOL_USAGE

NWBUFFER

TRUSTEE_BUFFER_2X

TRUSTEE_BUFFER_3X

984\$ Directory Services Structures

985# Directory_Services_Structures

986² Help Magician footnote: DO NOT EDIT; 0

987⁺ Directory_Services:051

988^K Directory Services Structures;

\$989#9902991K992NWDIR_ENTRY

Sequence		long
Reserved1	long	
Attributes		long
Reserved2	integer	
NSType	string	
NameLength	string	
Name	string	
CreationDate	integer	
CreationTime	integer	
OwnerID		long
LastArchivedDate	integer	
LastArchivedTime	integer	
LastArchiverID	long	
ModifyDate	integer	
ModifyTime	integer	
Reserved3	string	
InheritedRightsMask		integer
Reserved4	string	

989\$ NWDIR_ENTRY
990# NWDIR_ENTRY
991² Help Magician footnote: DO NOT EDIT; 0
992^K NWDIR_ENTRY;

\$993#9942995K996NWFILE_ENTRY

Sequence		long
Reserved1	long	
Attributes		long
Reserved2	integer	
NSType	string	
NameLength	string	
Name	string	
CreationDate	integer	
CreationTime	integer	
OwnerID		long
LastArchivedDate	integer	
LastArchivedTime	integer	
LastArchiverID	long	
ModifyDate	integer	
ModifyTime	integer	
LastModifierID	long	
DataForkSize	long	
Reserved3	string	
InheritedRightsMask		integer
LastAccessDate	integer	
Reserved4	string	

993\$ NWFILE_ENTRY
994# NWFILE_ENTRY
995² Help Magician footnote: DO NOT EDIT; 0
996K NWFILE_ENTRY;

\$997#9982999K1000NWDIR_INFO

TotalBlocks	long
FreeBlocks	long
TotalDirEntries	long
AvailDirEntries	long
Flags	long //currently unused
SectorsPerBlock	string
VolumeName	string

997\$ NWDIR_INFO
998# NWDIR_INFO
999² Help Magician footnote: DO NOT EDIT; 0
1000^K NWDIR_INFO;

\$₁₀₀₁#₁₀₀₂2₁₀₀₃K₁₀₀₄**DRIVE_VECTOR**

Vector string

1001\$ DRIVE_VECTOR
1002# DRIVE_VECTOR
1003² Help Magician footnote: DO NOT EDIT; 0
1004^K DRIVE_VECTOR;

\$1005#100621007K1008**VOLUME_STATS**

SystemElapsedTime	long	
VolumeNumber	string	
LogicalDriveNumber		string
SectorsPerBlock	integer	
StartingBlock	integer	
TotalBlocks	integer	
AvailableBlocks	integer	
TotalDirectorySlots	integer	
AvailableDirectorySlots	integer	
MaxDirectorySlotsUsed	integer	
IsHashing		string
IsCaching		string
IsRemovable	string	
IsMounted		string
VolumeName	string	

1005\$ VOLUME_STATS
1006# VOLUME_STATS
1007² Help Magician footnote: DO NOT EDIT; 0
1008^K VOLUME_STATS;

\$1009#101021011K1012NWVOL_USAGE

TotalBlocks	long	
FreeBlocks	long	
PurgableBlocks	long	
NotYetPurgableBlocks	long	
TotalDirEntries	long	
AvailDirEntries	long	
MaxDirEntriesUsed	long	
Unused	string	
BlockSize		integer
IsHashing		string
IsRemovable	string	
VolName		string

1009\$ NWVOL_USAGE
1010# NWVOL_USAGE
1011² Help Magician footnote: DO NOT EDIT; 0
1012^K NWVOL_USAGE;

$\$_{1013}\#_{1014}2_{1015}K_{1016}$ **NWBUFFER**

Buffer string

1013\$ NWBUFFER
1014# NWBUFFER
1015² Help Magician footnote: DO NOT EDIT; 0
1016^K NWBUFFER;

\$₁₀₁₇#₁₀₁₈2₁₀₁₉K₁₀₂₀TRUSTEE_BUFFER_2X

DirName	string	
Created	string	
OwnerID		long
OID[5]	long	
Rights[5]		string

1017\$ TRUSTEE_BUFFER_2X
1018# TRUSTEE_BUFFER_2X
1019² Help Magician footnote: DO NOT EDIT; 0
1020^K TRUSTEE_BUFFER_2X;

\$₁₀₂₁#₁₀₂₂2₁₀₂₃K₁₀₂₄**TRUSTEE_BUFFER_3X**

NumEntriesReturned		string
OID[numTrusteeEntries]	long	
Rights[numTrusteeEntries]	integer	

1021\$ TRUSTEE_BUFFER_3X
1022# TRUSTEE_BUFFER_3X
1023² Help Magician footnote: DO NOT EDIT; 0
1024^K TRUSTEE_BUFFER_3X;

\$¹⁰²⁵#¹⁰²⁶2¹⁰²⁷+¹⁰²⁸K¹⁰²⁹**EraseFiles**

Function Integer EraseFiles (int DirHandle, string FilePath, int SearchAttributes) Library
"NWNETAPI.DLL"

1025\$ EraseFiles
1026# EraseFiles
1027² Help Magician footnote: DO NOT EDIT; 0
1028+ File_Services:001
1029^K EraseFiles;

\$₁₀₃₀#₁₀₃₁2₁₀₃₂+₁₀₃₃K₁₀₃₄**FileServerFileCopy**

Function Integer FileServerFileCopy (int SourceFileHandle, int DestFileHandle, long SourceFileOffset, long DestFileOffset, long BytesToCopy, ref long BytesCopied) Library "NWNETAPI.DLL"

1030\$ FileServerFileCopy
1031# FileServerFileCopy
1032² Help Magician footnote: DO NOT EDIT; 0
1033+ File_Services:002
1034^K FileServerFileCopy;

\$¹⁰³⁵#¹⁰³⁶2¹⁰³⁷+¹⁰³⁸K¹⁰³⁹**GetExtendedFileAttributes**

Function Integer GetExtendedFileAttributes (string FilePath,
ref int ExtendedFileAttrib) Library "NWNETAPI.DLL"

1035\$ GetExtendedFileAttributes
1036# GetExtendedFileAttributes
1037² Help Magician footnote: DO NOT EDIT; 0
1038⁺ File_Services:003
1039K GetExtendedFileAttributes;

\$₁₀₄₀#₁₀₄₁2₁₀₄₂+₁₀₄₃K₁₀₄₄**PurgeAllErasedFiles**

Function Integer PurgeAllErasedFiles () Library "NWNETAPI.DLL"

//2.x only

1040\$ PurgeAllErasedFiles
1041# PurgeAllErasedFiles
1042² Help Magician footnote: DO NOT EDIT; 0
1043⁺ File_Services:004
1044^K PurgeAllErasedFiles;

\$₁₀₄₅#₁₀₄₆2₁₀₄₇+₁₀₄₈K₁₀₄₉**PurgeErasedFiles**

Function Integer PurgeErasedFiles () Library "NWNETAPI.DLL"

//2.x only

1045\$ PurgeErasedFiles
1046# PurgeErasedFiles
1047² Help Magician footnote: DO NOT EDIT; 0
1048⁺ File_Services:005
1049^K PurgeErasedFiles;

\$₁₀₅₀#₁₀₅₁2₁₀₅₂+₁₀₅₃K₁₀₅₄**PurgeSalvagableFile**

Function Integer PurgeSalvagableFile (int ServerConnID, int DirHandle, ref long EntryID, string
FileName) Library "NWNETAPI.DLL"

//3.x/4.x only

1050\$ PurgeSalvagableFile
1051# PurgeSalvagableFile
1052² Help Magician footnote: DO NOT EDIT; 0
1053⁺ File_Services:006
1054^K PurgeSalvagableFile;

\$₁₀₅₅#₁₀₅₆2₁₀₅₇+₁₀₅₈K₁₀₅₉**RecoverSalvagableFile**

Function Integer RecoverSalvagableFile (int ServerConnID, int DirHandle, long EntryID, string
FileName, string NewName) Library "NWNETAPI.DLL"

//3.x/4.x only

1055\$ RecoverSalvagableFile
1056# RecoverSalvagableFile
1057² Help Magician footnote: DO NOT EDIT; 0
1058⁺ File_Services:007
1059^K RecoverSalvagableFile;

\$₁₀₆₀#₁₀₆₁2₁₀₆₂+₁₀₆₃K₁₀₆₄**RestoreErasedFile**

Function Integer RestoreErasedFile (int DirHandle, string VolName, string ErasedFileName, string RestoredFileName) Library "NWNETAPI.DLL"

//2.x only

//erasedFileName and restoredFileName must be initialized to 13 characters

1060\$ RestoreErasedFile

1061# RestoreErasedFile

1062² Help Magician footnote: DO NOT EDIT; 0

1063⁺ File_Services:008

1064^K RestoreErasedFile;

\$₁₀₆₅#₁₀₆₆2₁₀₆₇+₁₀₆₈K₁₀₆₉ScanFileEntry

Function Integer ScanFileEntry (int ServerConnID, int DirHandle, string SearchPath, int SearchAttrib,
ref long Sequence, ref NWFILE_ENTRY FileEntry) Library "NWNETAPI.DLL"

//3.x/4.x only

1065\$ ScanFileEntry
1066# ScanFileEntry
1067² Help Magician footnote: DO NOT EDIT; 0
1068⁺ File_Services:009
1069^K ScanFileEntry;

\$₁₀₇₀#₁₀₇₁2₁₀₇₂+₁₀₇₃K₁₀₇₄**ScanFileInformation**

Function Integer ScanFileInformation (int DirHndl, string Path, int SrchAttrib, ref int Seq, string
FileName, ref int Attrib, ref int ExtAttrib, ref long Size, ref int Creat, ref int LastAcc, ref long Updated,
ref long Archived, ref long Owner) Library "NWNETAPI.DLL"

//FileName must be initialized to 15 bytes

1070\$ ScanFileInformation
1071# ScanFileInformation
1072² Help Magician footnote: DO NOT EDIT; 0
1073⁺ File_Services:010
1074^K ScanFileInformation;

\$¹⁰⁷⁵#¹⁰⁷⁶2¹⁰⁷⁷+¹⁰⁷⁸K¹⁰⁷⁹**ScanFilePhysical**

Function Integer ScanFilePhysical (int ServerConnID, int DirHandle, string SearchPath, int SearchAttrib,
ref long Sequence, ref NWPHYS_ENTRY FileEntry) Library "NWNETAPI.DLL"

//3.x/4.x only

1075\$ ScanFilePhysical
1076# ScanFilePhysical
1077² Help Magician footnote: DO NOT EDIT; 0
1078⁺ File_Services:011
1079^K ScanFilePhysical;

\$₁₀₈₀#₁₀₈₁2₁₀₈₂+₁₀₈₃K₁₀₈₄**ScanSalvagableFiles**

Function Integer ScanSalvagableFiles (int ServerConnID, int DirHandle, ref long EntryID, ref
NWSALV_ENTRY SalvEntry) Library "NWNETAPI.DLL"

//3.x/4.x only

1080\$ ScanSalvagableFiles
1081# ScanSalvagableFiles
1082² Help Magician footnote: DO NOT EDIT; 0
1083⁺ File_Services:012
1084^K ScanSalvagableFiles;

\$₁₀₈₅#₁₀₈₆2₁₀₈₇+₁₀₈₈K₁₀₈₉**SetExtendedFileAttributes**

Function Integer SetExtendedFileAttributes (string FilePath, int ExtFileAttrib) Library
"NWNETAPI.DLL"

1085\$ SetExtendedFileAttributes
1086# SetExtendedFileAttributes
1087² Help Magician footnote: DO NOT EDIT; 0
1088⁺ File_Services:013
1089^K SetExtendedFileAttributes;

\$₁₀₉₀#₁₀₉₁2₁₀₉₂+₁₀₉₃K₁₀₉₄**SetFileInformation**

Function Integer SetFileInformation (int DirHndl, string Path, int SearchAttrib, int Attrib, int ExtAttrib, int Created, int LastAcc, long Updated, long Archived, long Owner) Library "NWNETAPI.DLL"

1090\$ SetFileInformation
1091# SetFileInformation
1092² Help Magician footnote: DO NOT EDIT; 0
1093⁺ File_Services:014
1094^K SetFileInformation;

\$1095#109621097+1098K1099**File Services Global Constants**

```
//File attributes
int FA_NORMAL          = 0
int FA_READ_ONLY      = 1
int FA_HIDDEN         = 2
int FA_SYSTEM         = 4
int FA_EXECUTE_ONLY   = 8
int FA_DIRECTORY      = 16
int FA_ARCHIVE        = 32
int FA_SHARABLE       = 128
```

```
//Extended file attributes
int FA_TRANSACTIONAL  = 16
int FA_INDEXED        = 32
int FA_READ_AUDIT     = 64
int FA_WRITE_AUDIT    = 128
```

1095\$ File Services Global Constants
1096# File_Services_Global_Constants
1097² Help Magician footnote: DO NOT EDIT; 0
1098⁺ File_Services:015
1099^K File Services Global Constants;

\$₁₁₀₀#₁₁₀₁2₁₁₀₂+₁₁₀₃K₁₁₀₄**File Services Structures**

NWFILE_ENTRY

FORK_SIZE

NWPHYS_ENTRY

NWSALV_ENTRY

1100\$ File Services Structures

1101# File_Services_Structures

1102² Help Magician footnote: DO NOT EDIT; 0

1103+ File_Services:016

1104^K File Services Structures;

\$₁₁₀₅#₁₁₀₆2₁₁₀₇K₁₁₀₈**FORK_SIZE**

logical	long
physical	long

1105\$ FORK_SIZE
1106# FORK_SIZE
1107² Help Magician footnote: DO NOT EDIT; 0
1108^K FORK_SIZE;

\$1109#111021111K1112NWPHYS_ENTRY

Sequence		long
Reserved1	long	
Attributes		long
Reserved2	integer	
NSType	string	
NameLength	string	
Name	string	
CreationDate	integer	
CreationTime	integer	
OwnerID		long
LastArchivedDate	integer	
LastArchivedTime	integer	
LastArchiverID	long	
ModifyDate	integer	
ModifyTime	integer	
LastModifierID	long	
DataForkSize	long	
Reserved3	string	
InheritedRightsMask		integer
LastAccessDate	integer	
Reserved4	string	
ForkSize1		<u>FORK_SIZE</u>
ForkSize2		<u>FORK_SIZE</u>
ForkSize3		<u>FORK_SIZE</u>
ForkSize4		<u>FORK_SIZE</u>
ForkSize5		<u>FORK_SIZE</u>

1109\$ NWPHYS_ENTRY

1110# NWPHYS_ENTRY

1111² Help Magician footnote: DO NOT EDIT; 0

1112^K NWPHYS_ENTRY;

\$1113#111421115K1116**NWSALV_ENTRY**

EntryID	long	
Attributes		long
NamespaceType	string	
NameLength	string	
Name	string	
LastArchiveDateAndTime	long	
LastArchiverID	long	
ModifyDateAndTime		long
LastModifierID	long	
DataForkSize	long	
LastAccessedDate	integer	
DeletedFileTime	long	
DeletedDateAndTime	long	
DeletorID		long

1113\$ NWSALV_ENTRY
1114# NWSALV_ENTRY
1115² Help Magician footnote: DO NOT EDIT; 0
1116^K NWSALV_ENTRY;

\$₁₁₁₇#₁₁₁₈2₁₁₁₉+₁₁₂₀K₁₁₂₁**CheckConsolePrivileges**

Function Integer CheckConsolePrivileges () Library "NWNETAPI.DLL"

1117\$ CheckConsolePrivileges
1118# CheckConsolePrivileges
1119² Help Magician footnote: DO NOT EDIT; 0
1120⁺ File_Server_Environmental_Services:001
1121^K CheckConsolePrivileges;

\$¹¹²²#¹¹²³2¹¹²⁴+¹¹²⁵K¹¹²⁶**CheckNetWareVersion**

Function Integer CheckNetWareVersion (int MinVersion, int MinSubVersion, int MinRevision, int MinSFT, int MinTTS) Library "NWNETAPI.DLL"

1122^{\$} CheckNetWareVersion
1123[#] CheckNetWareVersion
1124² Help Magician footnote: DO NOT EDIT; 0
1125⁺ File_Server_Environmental_Services:002
1126^K CheckNetWareVersion;

\$¹¹²⁷#¹¹²⁸2¹¹²⁹+¹¹³⁰K¹¹³¹**ClearConnectionNumber**

Function Integer ClearConnectionNumber (long ConnNumber) Library "NWNETAPI.DLL"

//documentation says 2.x only, but it works in 3.x

1127\$ ClearConnectionNumber
1128# ClearConnectionNumber
1129² Help Magician footnote: DO NOT EDIT; 0
1130+ File_Server_Environmental_Services:003
1131^K ClearConnectionNumber;

\$₁₁₃₂#₁₁₃₃2₁₁₃₄+₁₁₃₅K₁₁₃₆**DisableFileServerLogin**

Function Integer DisableFileServerLogin () Library "NWNETAPI.DLL"

1132\$ DisableFileServerLogin
1133# DisableFileServerLogin
1134² Help Magician footnote: DO NOT EDIT; 0
1135⁺ File_Server_Environmental_Services:004
1136^K DisableFileServerLogin;

\$¹¹³⁷#¹¹³⁸2¹¹³⁹+¹¹⁴⁰K¹¹⁴¹**DisableTransactionTracking**

Function Integer DisableTransactionTracking () Library "NWNETAPI.DLL"

1137^{\$} DisableTransactionTracking
1138[#] DisableTransactionTracking
1139² Help Magician footnote: DO NOT EDIT; 0
1140⁺ File_Server_Environmental_Services:005
1141^K DisableTransactionTracking;

\$₁₁₄₂#₁₁₄₃2₁₁₄₄+₁₁₄₅K₁₁₄₆**DownFileServer**

Function Integer DownFileServer (int ForceFlag) Library "NWNETAPI.DLL"

1142\$ DownFileServer

1143# DownFileServer

1144² Help Magician footnote: DO NOT EDIT; 0

1145⁺ File_Server_Environmental_Services:006

1146^K DownFileServer;

\$₁₁₄₇#₁₁₄₈2₁₁₄₉+₁₁₅₀K₁₁₅₁**EnableFileServerLogin**

Function Integer EnableFileServerLogin () Library "NWNETAPI.DLL"

1147\$ EnableFileServerLogin
1148# EnableFileServerLogin
1149² Help Magician footnote: DO NOT EDIT; 0
1150⁺ File_Server_Environmental_Services:007
1151^K EnableFileServerLogin;

\$₁₁₅₂#₁₁₅₃2₁₁₅₄+₁₁₅₅K₁₁₅₆**EnableTransactionTracking**

Function Integer EnableTransactionTracking () Library "NWNETAPI.DLL"

1152\$ EnableTransactionTracking
1153# EnableTransactionTracking
1154² Help Magician footnote: DO NOT EDIT; 0
1155⁺ File_Server_Environmental_Services:008
1156^K EnableTransactionTracking;

\$¹¹⁵⁷#¹¹⁵⁸2¹¹⁵⁹+¹¹⁶⁰K¹¹⁶¹ **GetConnectionsOpenFiles**

Function Integer GetConnectionsOpenFiles (int ConnID, long ConnNum, ref int LastRecord, ref int LastTask, int StructSize, ref CON_OPEN_FILES OpenFiles) Library "NWNETAPI.DLL"

//2.x only

1157\$ GetConnectionsOpenFiles
1158# GetConnectionsOpenFiles
1159² Help Magician footnote: DO NOT EDIT; 0
1160⁺ File_Server_Environmental_Services:009
1161^K GetConnectionsOpenFiles;

\$¹¹⁶²#¹¹⁶³2¹¹⁶⁴+¹¹⁶⁵K¹¹⁶⁶**GetConnectionsSemaphores**

Function Integer GetConnectionsSemaphores (int ConnID, long ConnNum, ref int LastRecord, ref int LastTask, int StructSize, ref CONN_SEMAPHORE ConnSemaphores) Library "NWNETAPI.DLL"

//2.x only

1162^{\$} GetConnectionsSemaphores
1163[#] GetConnectionsSemaphores
1164² Help Magician footnote: DO NOT EDIT; 0
1165⁺ File_Server_Environmental_Services:010
1166^K GetConnectionsSemaphores;

\$¹¹⁶⁷#¹¹⁶⁸2¹¹⁶⁹+¹¹⁷⁰K¹¹⁷¹ **GetConnectionsTaskInformation**

Function Integer GetConnectionsTaskInformation (int ConnID, long ConnNum, ref int TaskPointer, int StructSize, ref CONN_TASK_INFO ConnTaskInfo) Library "NWNETAPI.DLL"

//2.x only

1167^{\$} GetConnectionsTaskInformation
1168[#] GetConnectionsTaskInformation
1169² Help Magician footnote: DO NOT EDIT; 0
1170⁺ File_Server_Environmental_Services:011
1171^K GetConnectionsTaskInformation;

\$¹¹⁷²#¹¹⁷³2¹¹⁷⁴+¹¹⁷⁵K¹¹⁷⁶**GetConnectionsUsageStats**

Function Integer GetConnectionsUsageStats (int ConnID, long ConnNum, int StructSize, ref CONN_USAGE ConnUsage) Library "NWNETAPI.DLL"

//2.x only

1172\$ GetConnectionsUsageStats
1173# GetConnectionsUsageStats
1174² Help Magician footnote: DO NOT EDIT; 0
1175+ File_Server_Environmental_Services:012
1176^K GetConnectionsUsageStats;

\$¹¹⁷⁷#¹¹⁷⁸2¹¹⁷⁹+¹¹⁸⁰K¹¹⁸¹ **GetConnectionsUsingFile**

Function Integer GetConnectionsUsingFile (int ConnID, ref int LastRecord, ref int TaskID, int
DirHandle, string FilePath, int StructSize, ref CONN_USING_FILE FileUse) Library
"NWNETAPI.DLL"

//2.x only

1177\$ GetConnectionsUsingFile
1178# GetConnectionsUsingFile
1179² Help Magician footnote: DO NOT EDIT; 0
1180⁺ File_Server_Environmental_Services:013
1181^K GetConnectionsUsingFile;

\$¹¹⁸²#¹¹⁸³2¹¹⁸⁴+¹¹⁸⁵K¹¹⁸⁶**GetDiskCacheStats**

Function Integer GetDiskCacheStats (int ConnID, int StructSize, ref DISK_CACHE_STATS
CacheStats) Library "NWNETAPI.DLL"

//2.x only

1182^{\$} GetDiskCacheStats
1183[#] GetDiskCacheStats
1184² Help Magician footnote: DO NOT EDIT; 0
1185⁺ File_Server_Environmental_Services:014
1186^K GetDiskCacheStats;

\$¹¹⁸⁷#¹¹⁸⁸2¹¹⁸⁹+¹¹⁹⁰K¹¹⁹¹**GetDiskChannelStats**

Function Integer GetDiskChannelStats (int ConnID, int ChannelNumber, int StructSize, ref
DISK_CHANNEL_STATS ChannelStats) Library "NWNETAPI.DLL"

//2.x only

1187^{\$} GetDiskChannelStats
1188[#] GetDiskChannelStats
1189² Help Magician footnote: DO NOT EDIT; 0
1190⁺ File_Server_Environmental_Services:015
1191^K GetDiskChannelStats;

\$¹¹⁹²#¹¹⁹³2¹¹⁹⁴+¹¹⁹⁵K¹¹⁹⁶**GetDiskUtilization**

Function Integer GetDiskUtilization (long ObjectID, int VolNumber, ref int UsedDirectories, ref int UsedFiles, ref int UsedBlocks) Library "NWNETAPI.DLL"

1192^{\$} GetDiskUtilization
1193[#] GetDiskUtilization
1194² Help Magician footnote: DO NOT EDIT; 0
1195⁺ File_Server_Environmental_Services:016
1196^K GetDiskUtilization;

\$¹¹⁹⁷#¹¹⁹⁸2¹¹⁹⁹+¹²⁰⁰K¹²⁰¹ **GetDriveMappingTable**

Function Integer GetDriveMappingTable (int ConnID, int StructSize, ref DRIVE_MAP_TABLE
DriveMappingTable) Library "NWNETAPI.DLL"

//2.x only

1197^{\$} GetDriveMappingTable
1198[#] GetDriveMappingTable
1199² Help Magician footnote: DO NOT EDIT; 0
1200⁺ File_Server_Environmental_Services:017
1201^K GetDriveMappingTable;

\$¹²⁰²#¹²⁰³2¹²⁰⁴+¹²⁰⁵K¹²⁰⁶**GetFileServerDateAndTime**

Subroutine GetFileServerDateAndTime (ref DATE_AND_TIME DateAndTime) Library
"NWNETAPI.DLL"

1202\$ GetFileServerDateAndTime
1203# GetFileServerDateAndTime
1204² Help Magician footnote: DO NOT EDIT; 0
1205+ File_Server_Environmental_Services:018
1206^K GetFileServerDateAndTime;

\$¹²⁰⁷#¹²⁰⁸²₁₂₀₉+¹²¹⁰K¹²¹¹ **GetFileServerDescriptionStrings**

Function Integer GetFileServerDescriptionStrings (string CompanyName, string Revision, string
RevisionDate, string CopyrightNotice) Library "NWNETAPI.DLL"

//CompanyName, Revision, and CopyrightNotice must be initialized to 80 bytes

//RevisionDate must be initialized to 24 bytes

1207\$ GetFileServerDescriptionStrings
1208# GetFileServerDescriptionStrings
1209² Help Magician footnote: DO NOT EDIT; 0
1210+ File_Server_Environmental_Services:019
1211^K GetFileServerDescriptionStrings;

\$¹²¹²#¹²¹³2¹²¹⁴+¹²¹⁵K¹²¹⁶**GetFileServerLANIOStats**

Declare Function GetFileServerLANIOStats (int ConnID, int StructSize, ref SERVER_LAN_IO
ServerLANIOStats) Library "NWNETAPI.DLL"

//2.x only

1212\$ GetFileServerLANIOStats
1213# GetFileServerLANIOStats
1214² Help Magician footnote: DO NOT EDIT; 0
1215+ File_Server_Environmental_Services:020
1216^K GetFileServerLANIOStats;

\$₁₂₁₇#₁₂₁₈2₁₂₁₉+₁₂₂₀K₁₂₂₁**GetFileServerLoginStatus**

Function Integer GetFileServerLoginStatus (ref int LoginEnabledFlag) Library "NWNETAPI.DLL"

1217\$ GetFileServerLoginStatus
1218# GetFileServerLoginStatus
1219² Help Magician footnote: DO NOT EDIT; 0
1220+ File_Server_Environmental_Services:021
1221^K GetFileServerLoginStatus;

\$¹²²²#¹²²³2¹²²⁴+¹²²⁵K¹²²⁶**GetFileServerMiscInformation**

Function Integer GetFileServerMiscInformation (int ConnID, int StructSize, ref SERVER_MISC_INFO
MiscInfo) Library "NWNETAPI.DLL"

//2.x only

1222\$ GetFileServerMiscInformation
1223# GetFileServerMiscInformation
1224² Help Magician footnote: DO NOT EDIT; 0
1225+ File_Server_Environmental_Services:022
1226^K GetFileServerMiscInformation;

\$¹²²⁷#¹²²⁸2¹²²⁹+¹²³⁰K¹²³¹**GetFileName**

Subroutine GetFileName (int ConnID, string FileName) Library "NWNETAPI.DLL"

¹²²⁷\$ GetFileName
¹²²⁸# GetFileName
¹²²⁹² Help Magician footnote: DO NOT EDIT; 0
¹²³⁰⁺ File_Server_Environmental_Services:023
¹²³¹^K GetFileName;

\$¹²³²#¹²³³2¹²³⁴+¹²³⁵K¹²³⁶**GetFileSystemStats**

Function Integer GetFileSystemStats (int ConnID, int StructSize, ref FILE_SYS_STATS FileSysStats)
Library "NWNETAPI.DLL"

//2.x only

1232^{\$} GetFileSystemStats
1233[#] GetFileSystemStats
1234² Help Magician footnote: DO NOT EDIT; 0
1235⁺ File_Server_Environmental_Services:024
1236^K GetFileSystemStats;

\$¹²³⁷#¹²³⁸2¹²³⁹+¹²⁴⁰K¹²⁴¹ **GetLANDriverConfigInfo**

Function Integer GetLANDriverConfigInfo (int ConnID, int LANBoardNumber, int StructSize, ref LAN_CONFIG LANConfig) Library "NWNETAPI.DLL"

//2.x only

1237\$ GetLANDriverConfigInfo
1238# GetLANDriverConfigInfo
1239² Help Magician footnote: DO NOT EDIT; 0
1240+ File_Server_Environmental_Services:025
1241^K GetLANDriverConfigInfo;

\$¹²⁴²#¹²⁴³2¹²⁴⁴+¹²⁴⁵K¹²⁴⁶**GetLogicalRecordInformation**

Function Integer GetLogicalRecordInformation (int ConnID, string LogicalRecordName, ref int LastRecord, ref int LastTask, int StructSize, ref LOGICAL_REC_INFO LogicalRecordInfo) Library "NWNETAPI.DLL"

//2.x only

1242\$ GetLogicalRecordInformation
1243# GetLogicalRecordInformation
1244² Help Magician footnote: DO NOT EDIT; 0
1245+ File_Server_Environmental_Services:026
1246^K GetLogicalRecordInformation;

\$¹²⁴⁷#¹²⁴⁸2¹²⁴⁹+¹²⁵⁰K¹²⁵¹ **GetLogicalRecordByConnection**

Function Integer GetLogicalRecordByConnection (int ConnID, long ConnNum, ref int LastRecord, ref int LastTask, int StructSize, ref LOGICAL_RECORD LogicalRecord) Library "NWNETAPI.DLL"

//2.x only

1247\$ GetLogicalRecordByConnection
1248# GetLogicalRecordByConnection
1249² Help Magician footnote: DO NOT EDIT; 0
1250+ File_Server_Environmental_Services:027
1251^K GetLogicalRecordByConnection;

\$¹²⁵²#¹²⁵³2¹²⁵⁴+¹²⁵⁵K¹²⁵⁶**GetPathFromDirectoryEntry**

Function Integer GetPathFromDirectoryEntry (int ConnID, int VolumeNumber, int DirectoryEntry, string Path) Library "NWNETAPI.DLL"

//2.x only

//Path must be initialized to 255 bytes

1252\$ GetPathFromDirectoryEntry
1253# GetPathFromDirectoryEntry
1254² Help Magician footnote: DO NOT EDIT; 0
1255+ File_Server_Environmental_Services:028
1256^K GetPathFromDirectoryEntry;

\$¹²⁵⁷#¹²⁵⁸2¹²⁵⁹+¹²⁶⁰K¹²⁶¹**GetPhysicalDiskStats**

Function Integer GetPhysicalDiskStats (int connID, int
PhysDiskNumber, int StructSize, ref PHYS_DISK_STATS PhysDiskStats , string
DriveDefinition) Library "NWNETAPI.DLL"

//2.x only

//DriveDefinition must be initialized to ?? bytes

1257\$ GetPhysicalDiskStats

1258# GetPhysicalDiskStats

1259² Help Magician footnote: DO NOT EDIT; 0

1260+ File_Server_Environmental_Services:029

1261^K GetPhysicalDiskStats;

\$¹²⁶²#¹²⁶³2¹²⁶⁴+¹²⁶⁵K¹²⁶⁶**GetPhysicalRecordLocksByFile**

Function Integer GetPhysicalRecordLocksByFile (int ConnID, int DirHandle, string FilePath, ref int LastRecord, ref int LastTask, int StructSize, ref PHYS_REC_LOCK RecordLock) Library "NWNETAPI.DLL"

//2.x only

1262\$ GetPhysicalRecordLocksByFile
1263# GetPhysicalRecordLocksByFile
1264² Help Magician footnote: DO NOT EDIT; 0
1265+ File_Server_Environmental_Services:030
1266^K GetPhysicalRecordLocksByFile;

\$¹²⁶⁷#¹²⁶⁸2¹²⁶⁹+¹²⁷⁰K¹²⁷¹**GetPhysRecLockByConnectAndFile**

Function Integer GetPhysRecLockByConnectAndFile (int ConnID, long ConnNum, int VolNum, int DirHandle, string FilePath, ref int LastRecord, ref int LastTask, int StructSize, ref SHORT_PHYS_REC_LOCK RecLock) Library "NWNETAPI.DLL"

//2.x only

1267\$ GetPhysRecLockByConnectAndFile
1268# GetPhysRecLockByConnectAndFile
1269² Help Magician footnote: DO NOT EDIT; 0
1270+ File_Server_Environmental_Services:031
1271^K GetPhysRecLockByConnectAndFile;

\$¹²⁷²#¹²⁷³2¹²⁷⁴+¹²⁷⁵K¹²⁷⁶**GetSemaphoreInformation**

Function Integer GetSemaphoreInformation (int ConnID, string SemaphoreName, ref int LastRecord, ref int LastTask, ref long OpenCount, ref int SemaphoreValue, ref long ConnNum, ref int TaskNumber)
Library "NWNETAPI.DLL"

//2.x only

1272\$ GetSemaphoreInformation
1273# GetSemaphoreInformation
1274² Help Magician footnote: DO NOT EDIT; 0
1275+ File_Server_Environmental_Services:032
1276^K GetSemaphoreInformation;

\$¹²⁷⁷#¹²⁷⁸2¹²⁷⁹+¹²⁸⁰K¹²⁸¹ **GetServerInformation**

Function Integer GetServerInformation (int StructSize, ref FILE_SERV_INFO ServerInfo) Library
"NWNETAPI.DLL"

//documentation says 2.x only, but it works in 3.x

1277\$ GetServerInformation
1278# GetServerInformation
1279² Help Magician footnote: DO NOT EDIT; 0
1280+ File_Server_Environmental_Services:033
1281^K GetServerInformation;

\$₁₂₈₂#₁₂₈₃2₁₂₈₄+₁₂₈₅K₁₂₈₆**SendConsoleBroadcast**

Function Integer SendConsoleBroadcast (string Message, int ConnCount, ref long ConnList) Library
"NWNETAPI.DLL"

1282\$ SendConsoleBroadcast
1283# SendConsoleBroadcast
1284² Help Magician footnote: DO NOT EDIT; 0
1285⁺ File_Server_Environmental_Services:034
1286^K SendConsoleBroadcast;

\$¹²⁸⁷#¹²⁸⁸2¹²⁸⁹+¹²⁹⁰K¹²⁹¹**SetFileServerDateAndTime**

Function Integer SetFileServerDateAndTime (int TheYear, int TheMonth, int TheDay, int TheHour, int TheMin, int TheSec) Library "NWNETAPI.DLL"

1287\$ SetFileServerDateAndTime
1288# SetFileServerDateAndTime
1289² Help Magician footnote: DO NOT EDIT; 0
1290+ File_Server_Environmental_Services:035
1291K SetFileServerDateAndTime;

^{\$}₁₂₉₂[#]₁₂₉₃²₁₂₉₄⁺₁₂₉₅^K₁₂₉₆ **File Server Environmental Services Structures**

CON_OPEN_FILES
CONN_SEMAPHORE
CONN_TASK_INFO
CONN_USAGE
CONN_USING_FILE
DISK_CACHE_STATS
DISK_CHANNEL_STATS
DRIVE_MAP_TABLE
SERVER_LAN_IO
SERVER_MISC_INFO
FILE_SYS_STATS
LAN_CONFIG
LOGICAL_REC_INFO
LOGICAL_RECORD
PHYS_DISK_STATS
PHYS_REC_LOCK
SHORT_PHYS_REC_LOCK
FILE_SERV_INFO

^{\$}₁₂₉₂ File Server Environmental Services Structures
[#]₁₂₉₃ File_Server_Environmental_Services_Structures
²₁₂₉₄ Help Magician footnote: DO NOT EDIT; 0
⁺₁₂₉₅ File_Server_Environmental_Services:036
^K₁₂₉₆ File Server Environmental Services Structures;

\$1297#129821299K1300**CON_OPEN_FILES**

TaskNumber	string	
LockStatus	string	
AccessFlag	string	
LockType		string
VolumeNumber	string	
Reserved	string	
DirectoryEntry	integer	
FileName		string

1297\$ CON_OPEN_FILES
1298# CON_OPEN_FILES
1299² Help Magician footnote: DO NOT EDIT; 0
1300^K CON_OPEN_FILES;

\$1301#130221303K1304**CONN_SEMAPHORE**

OpenCount	long
SemaphoreValue	string
TaskNumber	string
SemaphoreName	string

1301\$ CONN_SEMAPHORE
1302# CONN_SEMAPHORE
1303² Help Magician footnote: DO NOT EDIT; 0
1304^K CONN_SEMAPHORE;

\$1305#130621307K1308**CONN_TASK_INFO**

LockStatus	string	
WaitingTaskNumber		string
BeginAddress	long	
EndAddress	long	
VolumeNumber	string	
NumberOfTasks	string	
DirectoryEntry	integer	
LockedName	string	
TaskNumber	string	
TaskState		string

1305\$ CONN_TASK_INFO
1306# CONN_TASK_INFO
1307² Help Magician footnote: DO NOT EDIT; 0
1308^K CONN_TASK_INFO;

\$1309#131021311K1312**CONN_USAGE**

SystemElapsedTime	long
BytesRead	string
BytesWritten	string
TotalRequestPackets	long

1309\$ CONN_USAGE
1310# CONN_USAGE
1311² Help Magician footnote: DO NOT EDIT; 0
1312^K CONN_USAGE;

\$1313#131421315K1316**CONN_USING_FILE**

UseCount		integer
OpenCount	integer	
OpenForReadCount	long	
OpenForWriteCount		long
DenyReadCount	long	
DenyWriteCount	long	
Reserved1	integer	
Locked	string	
Reserved2	string	
LogicalConnNumber		long
TaskNumber	string	
LockType		string
AccessFlags	string	
LockStatus	string	

1313\$ CONN_USING_FILE
1314# CONN_USING_FILE
1315² Help Magician footnote: DO NOT EDIT; 0
1316^K CONN_USING_FILE;

\$1317#131821319K1320**DISK_CACHE_STATS**

SystemElapsedTime	long	
CacheBufferCount	integer	
CacheBufferSize	integer	
DirtyCacheBuffers	integer	
CacheReadRequests	long	
CacheWriteRequests	long	
CacheHits		long
CacheMisses	long	
PhysicalReadRequests	long	
PhysicalWriteRequests	long	
PhysicalReadErrors	integer	
PhysicalWriteErrors		integer
CacheGetRequests	long	
CacheFullWriteRequests	long	
CachePartialWriteRequests	long	
BackgroundDirtyWrites	long	
BackgroundAgedWrites	long	
TotalCacheWrites	long	
CacheAllocations	long	
ThrashingCount	integer	
LRUBlockWasDirtyCount	integer	
ReadBeyondWriteCount	integer	
FragmentedWriteCount	integer	
CacheHitOnUnavailCount	integer	
CacheBlockScrappedCount	integer	

1317\$ DISK_CACHE_STATS

1318# DISK_CACHE_STATS

1319² Help Magician footnote: DO NOT EDIT; 0

1320^K DISK_CACHE_STATS;

\$1321#132221323K1324**DISK_CHANNEL_STATS**

SystemElapsedTime	long	
ChannelState	integer	
ChannelSyncState	integer	
DriverType	string	
DriverMajorVersion		string
DriverMinorVersion		string
DriverDescription	string	
IOAddr1	integer	
IOAddr1Size	integer	
IOAddr2	integer	
IOAddr2Size	integer	
SharedMem1Seg	string	
SharedMem1Off	integer	
SharedMem2Seg	string	
SharedMem2Off	integer	
Interrupt1Used	string	
Interrupt1		string
Interrupt2Used	string	
Interrupt2		string
DMACHannel1Used		string
DMACHannel1	string	
DMACHannel2Used		string
DMACHannel2	string	
Reserved2	integer	
ConfigDescription	string	

1321\$ DISK_CHANNEL_STATS
1322# DISK_CHANNEL_STATS
1323² Help Magician footnote: DO NOT EDIT; 0
1324^K DISK_CHANNEL_STATS;

\$1325#132621327K1328**DRIVE_MAP_TABLE**

SystemElapsedTime	long	
SFTLevel		string
LogicalDriveCount	string	
PhysicalDriveCount		string
DiskChannelTable	string	
PendingIOCommands	integer	
MappingTable	string	
DriveMirrorTable	string	
DeadMirrorTable	string	
RemirroredDrive	string	
Reserved	string	
RemirroredBlock	long	
SFTErrorTable	string	

1325\$ DRIVE_MAP_TABLE
1326# DRIVE_MAP_TABLE
1327² Help Magician footnote: DO NOT EDIT; 0
1328^K DRIVE_MAP_TABLE;

\$₁₃₂₉#₁₃₃₀2₁₃₃₁K₁₃₃₂SERVER_LAN_IO

SystemElapsedTime	long	
MaxRoutingBuffersAvail	integer	
MaxRoutingBuffersUsed	integer	
RoutingBuffersInUse		integer
TotalFileServicePackets	long	
FileServicePacketsBuffered	integer	
InvalidConnPacketCount	long	
BadLogicalConnCount	long	
PacketsRcvdDuringProcCount	integer	
ReprocessedRequestCount	integer	
BadSequenceNumberPacketCount	integer	
DuplicateReplyCount	integer	
AcknowledgementsSent	integer	
BadRequestTypeCount	integer	
AttachDuringProcCount	integer	
AttachWhileAttachingCount	integer	
ForgedDetachRequestCount	integer	
BadConnNumberOnDetachCount	long	
DetachDuringProcCount	integer	
RepliesCanceledCount	integer	
HopCountDiscardCount	integer	
UnknownNetDiscardCount	integer	
NoDGroupBufferDiscardCount		integer
OutPacketNoBufferDiscardCount	integer	
IPXNotMyNetworkCount	integer	
NetBIOSPropagationCount	long	
TotalOtherPackets	long	
TotalRoutedPackets	long	

1329\$ SERVER_LAN_IO
1330# SERVER_LAN_IO
1331² Help Magician footnote: DO NOT EDIT; 0
1332^K SERVER_LAN_IO;

\$1333#133421335K1336**SERVER_MISC_INFO**

SystemElapsedTime	long
ProcessorType	string
Reserved	string
ServiceProcessCount	string
ServerUtilizationPercent	string
MaxBinderyObjectsAvail	integer
MaxBinderyObjectsUsed	integer
BinderyObjectsInUse	integer
ServerMemoryInK	integer
DynamicAreaCount	integer
DynamicSpace1	long
MaxUsedDynamicSpace1	long
DynamicSpaceInUse1	long
DynamicSpace2	long
MaxUsedDynamicSpace2	long
DynamicSpaceInUse2	long
DynamicSpace3	long
MaxUsedDynamicSpace3	long
DynamicSpaceInUse3	long

1333\$ SERVER_MISC_INFO

1334# SERVER_MISC_INFO

1335² Help Magician footnote: DO NOT EDIT; 0

1336^K SERVER_MISC_INFO;

\$1337#133821339K1340**FILE_SYS_STATS**

SystemElapsedTime	long	
MaxOpenFiles	integer	
MaxFilesOpen	integer	
CurrOpenFiles	integer	
TotalFilesOpened	long	
TotalReadRequests	long	
TotalWriteRequests	long	
CurrChangedFATSectors	integer	
TotalChangedFATSectors	long	
FATWriteErrors	integer	
FatalFATWriteErrors		integer
FATScanErrors	integer	
MaxIndexFilesOpened	integer	
CurrOpenIndexedFiles	integer	
AttachedIndexFiles	integer	
AvailableindexFiles	integer	

1337\$ FILE_SYS_STATS
1338# FILE_SYS_STATS
1339² Help Magician footnote: DO NOT EDIT; 0
1340^K FILE_SYS_STATS;

\$1341#134221343K1344**LAN_CONFIG**

NetworkAddress	long	
HostAddress1	long	
HostAddress2	integer	
LANDriverInstalled		string
OptionNumber	string	
ConfigurationText1	string	
ConfiguratinoText2	string	

1341\$ LAN_CONFIG
1342# LAN_CONFIG
1343² Help Magician footnote: DO NOT EDIT; 0
1344^K LAN_CONFIG;

\$1345#134621347K1348**LOGICAL_REC_INFO**

CurrentUseCount	integer
ShareableLockCount	integer
Reserved1	integer
Locked	string
Reserved2	string
LogicalConnectionNumber	long
TaskNumber	string
LockStatus	string

1345\$ LOGICAL_REC_INFO
1346# LOGICAL_REC_INFO
1347² Help Magician footnote: DO NOT EDIT; 0
1348^K LOGICAL_REC_INFO;

\$1349#135021351K1352**LOGICAL_RECORD**

TaskNumber string
LockStatus string
LogicalLockName string

1349\$ LOGICAL_RECORD
1350# LOGICAL_RECORD
1351² Help Magician footnote: DO NOT EDIT; 0
1352^K LOGICAL_RECORD;

\$1353#135421355K1356**PHYS_DISK_STATS**

SystemElapsedTime	long	
DiskChannel	string	
DiskRemovable	string	
DriveType	string	
ControllerDriverNumber	string	
ControllerNumber	string	
ControllerType	string	
DriveSize		long
DriveCylinders	integer	
DriveHeads	string	
SectorsPerTrack	string	
IOErrorCount	integer	
HotFixStart	long	
HotFixSize	integer	
HotFixSizeAvailable		integer
HotFixDisabled	string	

1353\$ PHYS_DISK_STATS
1354# PHYS_DISK_STATS
1355² Help Magician footnote: DO NOT EDIT; 0
1356^K PHYS_DISK_STATS;

\$1357#135821359K1360**PHYS_REC_LOCK**

PhysicalRecordLockCount	string	
Reserved	string	
LoggedCount	integer	
ShareLockCount	integer	
RecordStart	long	
RecordEnd	long	
ConnectionNumber	long	
TaskNumber	string	
LockType		string

1357\$ PHYS_REC_LOCK
1358# PHYS_REC_LOCK
1359² Help Magician footnote: DO NOT EDIT; 0
1360^K PHYS_REC_LOCK;

\$1361#136221363K1364**SHORT_PHYS_REC_LOCK**

TaskNumber	string	
LockFlag		string
RecordStart	long	
RecordEnd	long	

1361\$ SHORT_PHYS_REC_LOCK
1362# SHORT_PHYS_REC_LOCK
1363² Help Magician footnote: DO NOT EDIT; 0
1364^K SHORT_PHYS_REC_LOCK;

\$1365#136621367K1368**FILE_SERV_INFO**

ServerName	string	
NetwareVersion	string	
NetwareSubVersion	string	
MaxConnectionsSupported	long	
ConnectionsInUse	long	
MaxVolumesSupported	integer	
RevisionLevel	string	
SFTLevel		string
TTSLevel		string
PeakConnectionsUsed	long	
AccountingVersion	string	
VAPversion	string	
QueueingVersion	string	
PrintServerVersion	string	
VirtualConsoleVersion	string	
SecurityRestrictionLevel	string	
InternetBridgeSupport	string	

1365\$ FILE_SERV_INFO
1366# FILE_SERV_INFO
1367² Help Magician footnote: DO NOT EDIT; 0
1368^K FILE_SERV_INFO;

\$₁₃₆₉#₁₃₇₀2₁₃₇₁+₁₃₇₂K₁₃₇₃**BroadcastToConsole**

Function Integer BroadcastToConsole (string Message) Library "NWNETAPI.DLL"

1369\$ BroadcastToConsole
1370# BroadcastToConsole
1371² Help Magician footnote: DO NOT EDIT; 0
1372⁺ Message_Services:001
1373^K BroadcastToConsole;

\$¹³⁷⁴#¹³⁷⁵2¹³⁷⁶+¹³⁷⁷K¹³⁷⁸**CheckPipeStatus**

Function Integer CheckPipeStatus (ref long ConnectionList, ref int ResultList, ref long ConnectionCount) Library "NWNETAPI.DLL"

//2.x only

1374^{\$} CheckPipeStatus
1375[#] CheckPipeStatus
1376² Help Magician footnote: DO NOT EDIT; 0
1377⁺ Message_Services:002
1378^K CheckPipeStatus;

\$¹³⁷⁹#¹³⁸⁰2¹³⁸¹+¹³⁸²K¹³⁸³**CloseMessagePipe**

Function Integer CloseMessagePipe (ref long ConnectionList, ref int ResultList, ref long
ConnectionCount) Library "NWNETAPI.DLL"

//2.x only

1379\$ CloseMessagePipe
1380# CloseMessagePipe
1381² Help Magician footnote: DO NOT EDIT; 0
1382+ Message_Services:003
1383^K CloseMessagePipe;

\$¹³⁸⁴#¹³⁸⁵2¹³⁸⁶+¹³⁸⁷K¹³⁸⁸**DisableBroadcasts**

Function Integer DisableBroadcasts () Library "NWNETAPI.DLL"

1384\$ DisableBroadcasts
1385# DisableBroadcasts
1386² Help Magician footnote: DO NOT EDIT; 0
1387⁺ Message_Services:004
1388^K DisableBroadcasts;

\$₁₃₈₉#₁₃₉₀2₁₃₉₁+₁₃₉₂K₁₃₉₃**EnableBroadcasts**

Function Integer EnableBroadcasts () Library "NWNETAPI.DLL"

1389\$ EnableBroadcasts
1390# EnableBroadcasts
1391² Help Magician footnote: DO NOT EDIT; 0
1392⁺ Message_Services:005
1393^K EnableBroadcasts;

\$₁₃₉₄#₁₃₉₅2₁₃₉₆+₁₃₉₇K₁₃₉₈**GetBroadcastMessage**

Function Integer GetBroadcastMessage (string MessageBuffer) Library "NWNETAPI.DLL"

//MessageBuffer must be initialized to 56 bytes

1394\$ GetBroadcastMessage
1395# GetBroadcastMessage
1396² Help Magician footnote: DO NOT EDIT; 0
1397⁺ Message_Services:006
1398^K GetBroadcastMessage;

\$₁₃₉₉#₁₄₀₀2₁₄₀₁+₁₄₀₂K₁₄₀₃**GetBroadcastMode**

Function Integer GetBroadcastMode () Library "NWNETAPI.DLL"

1399\$ GetBroadcastMode
1400# GetBroadcastMode
1401² Help Magician footnote: DO NOT EDIT; 0
1402⁺ Message_Services:007
1403^K GetBroadcastMode;

\$₁₄₀₄#₁₄₀₅2₁₄₀₆+₁₄₀₇K₁₄₀₈**GetPersonalMessage**

Function Integer GetPersonalMessage (string MessageBuffer,
ref long SourceConnection) Library "NWNETAPI.DLL"

//2.x only

//MessageBuffer must be initialized to 127 bytes

1404\$ GetPersonalMessage

1405# GetPersonalMessage

1406² Help Magician footnote: DO NOT EDIT; 0

1407+ Message_Services:008

1408^K GetPersonalMessage;

\$₁₄₀₉#₁₄₁₀2₁₄₁₁+₁₄₁₂K₁₄₁₃**LogNetWorkMessage**

Function Integer LogNetWorkMessage (string Message) Library "NWNETAPI.DLL"

//2.x only

1409\$ LogNetWorkMessage
1410# LogNetWorkMessage
1411² Help Magician footnote: DO NOT EDIT; 0
1412⁺ Message_Services:009
1413^K LogNetWorkMessage;

\$¹⁴¹⁴#¹⁴¹⁵2¹⁴¹⁶+¹⁴¹⁷K¹⁴¹⁸**OpenMessagePipe**

Function Integer OpenMessagePipe (ref long ConnectionList, ref int ResultList, long ConnectionCount)
Library "NWNETAPI.DLL"

//2.x only

1414\$ OpenMessagePipe
1415# OpenMessagePipe
1416² Help Magician footnote: DO NOT EDIT; 0
1417+ Message_Services:010
1418^K OpenMessagePipe;

\$¹⁴¹⁹#¹⁴²⁰2¹⁴²¹+¹⁴²²K¹⁴²³**SendBroadcastMessage**

Function Integer SendBroadcastMessage (string Message, ref long ConnectionList, ref int ResultList,
long ConnectionCount) Library "NWNETAPI.DLL"

1419\$ SendBroadcastMessage
1420# SendBroadcastMessage
1421² Help Magician footnote: DO NOT EDIT; 0
1422⁺ Message_Services:011
1423^K SendBroadcastMessage;

\$¹⁴²⁴#¹⁴²⁵2¹⁴²⁶+¹⁴²⁷K¹⁴²⁸**SendPersonalMessage**

Function Integer SendPersonalMessage (string Message, ref long ConnectionList, ref int ResultList, int ConnectionCount) Library "NWNETAPI.DLL"

//2.x only

1424\$ SendPersonalMessage
1425# SendPersonalMessage
1426² Help Magician footnote: DO NOT EDIT; 0
1427+ Message_Services:012
1428^K SendPersonalMessage;

\$¹⁴²⁹#¹⁴³⁰2¹⁴³¹+¹⁴³²K¹⁴³³**SetBroadcastMode**

Function Integer SetBroadcastMode (int BroadcastMode) Library "NWNETAPI.DLL"

1429\$ SetBroadcastMode
1430# SetBroadcastMode
1431² Help Magician footnote: DO NOT EDIT; 0
1432⁺ Message_Services:013
1433^K SetBroadcastMode;

\$¹⁴³⁴#¹⁴³⁵2¹⁴³⁶+¹⁴³⁷K¹⁴³⁸ **ASCIIZToLenStr**

Function Integer ASCIIZToLenStr (string DestStr, string SrcStr) Library "NWNETAPI.DLL"

//DestStr must be initialized to the length of SrcStr (including terminating null)

1434\$ ASCIIZToLenStr
1435# ASCIIZToLenStr
1436² Help Magician footnote: DO NOT EDIT; 0
1437⁺ Miscellaneous_Services:001
1438^K ASCIIZToLenStr;

\$¹⁴³⁹#¹⁴⁴⁰2¹⁴⁴¹+¹⁴⁴²K¹⁴⁴³**ConvertNameToFullPath**

Function Integer ConvertNameToFullPath (string PartialPath, string FullPath) Library
"NWNETAPI.DLL"

//FullPath must be initialized to 255 bytes

1439\$ ConvertNameToFullPath
1440# ConvertNameToFullPath
1441² Help Magician footnote: DO NOT EDIT; 0
1442+ Miscellaneous_Services:002
1443^K ConvertNameToFullPath;

\$¹⁴⁴⁴#¹⁴⁴⁵2¹⁴⁴⁶+¹⁴⁴⁷K¹⁴⁴⁸**ConvertNameToVolumePath**

Function Integer ConvertNameToVolumePath (string FileName, string Path) Library
"NWNETAPI.DLL"

//Path must be initialized to 255 bytes

1444\$ ConvertNameToVolumePath
1445# ConvertNameToVolumePath
1446² Help Magician footnote: DO NOT EDIT; 0
1447⁺ Miscellaneous_Services:003
1448^K ConvertNameToVolumePath;

\$¹⁴⁴⁹#¹⁴⁵⁰2¹⁴⁵¹+¹⁴⁵²K¹⁴⁵³**GetFullPath**

Function Integer GetFullPath (int Drive, string Path) Library "NWNETAPI.DLL"

//Path must be initialized to 255 bytes

1449\$ GetFullPath

1450# GetFullPath

1451² Help Magician footnote: DO NOT EDIT; 0

1452⁺ Miscellaneous_Services:004

1453K GetFullPath;

\$¹⁴⁵⁴#¹⁴⁵⁵2¹⁴⁵⁶+¹⁴⁵⁷K¹⁴⁵⁸**GetNetworkSerialNumber**

Function Integer GetNetworkSerialNumber (ref long SerialNumber, ref int ApplicationNumber) Library
"NWNETAPI.DLL"

1454\$ GetNetworkSerialNumber
1455# GetNetworkSerialNumber
1456² Help Magician footnote: DO NOT EDIT; 0
1457+ Miscellaneous_Services:005
1458^K GetNetworkSerialNumber;

\$¹⁴⁵⁹#¹⁴⁶⁰2¹⁴⁶¹+¹⁴⁶²K¹⁴⁶³**IntSwap**

Function Integer IntSwap (int UnswappedInteger) Library "NWNETAPI.DLL"

1459\$ IntSwap
1460# IntSwap
1461² Help Magician footnote: DO NOT EDIT; 0
1462+ Miscellaneous_Services:006
1463^K IntSwap;

\$¹⁴⁶⁴#¹⁴⁶⁵2¹⁴⁶⁶⁺¹⁴⁶⁷K¹⁴⁶⁸**IsV3Supported**

Function Integer IsV3Supported (int ServerConnID) Library "NWNETAPI.DLL"

1464\$ IsV3Supported

1465# IsV3Supported

1466² Help Magician footnote: DO NOT EDIT; 0

1467⁺ Miscellaneous_Services:007

1468^K IsV3Supported;

\$¹⁴⁶⁹#¹⁴⁷⁰2¹⁴⁷¹+¹⁴⁷²K¹⁴⁷³**LenToASCIIZStr**

Function Integer LenToASCIIZStr (srting DestStr, string SrcStr) Library "NWNETAPI.DLL"

//DestStr must be initialized to the length of scrStr\$

1469\$ LenToASCIIZStr
1470# LenToASCIIZStr
1471² Help Magician footnote: DO NOT EDIT; 0
1472⁺ Miscellaneous_Services:008
1473^K LenToASCIIZStr;

\$¹⁴⁷⁴#¹⁴⁷⁵2¹⁴⁷⁶+¹⁴⁷⁷K¹⁴⁷⁸**LongSwap**

Function Long LongSwap (long UnswappedLong) Library "NWNETAPI.DLL"

1474^{\$} LongSwap

1475[#] LongSwap

1476² Help Magician footnote: DO NOT EDIT; 0

1477⁺ Miscellaneous_Services:009

1478^K LongSwap;

\$¹⁴⁷⁹#¹⁴⁸⁰2¹⁴⁸¹+¹⁴⁸²K¹⁴⁸³**ParsePath**

Function Integer ParsePath (string Path, string Server, string Volume, string Directories) Library
"NWNETAPI.DLL"

//Server must be initialized to 48 bytes

//Volume must be initialized to 16 bytes

//Directories must be initialized to 255 bytes

1479\$ ParsePath

1480# ParsePath

1481² Help Magician footnote: DO NOT EDIT; 0

1482+ Miscellaneous_Services:010

1483^K ParsePath;

\$¹⁴⁸⁴#¹⁴⁸⁵2¹⁴⁸⁶+¹⁴⁸⁷K¹⁴⁸⁸**StripFileServerFromPath**

Function Integer StripFileServerFromPath (string Path, string Server) Library "NWNETAPI.DLL"

//Server must be initialized to 48 bytes

1484\$ StripFileServerFromPath
1485# StripFileServerFromPath
1486² Help Magician footnote: DO NOT EDIT; 0
1487+ Miscellaneous_Services:011
1488^K StripFileServerFromPath;

\$¹⁴⁸⁹#¹⁴⁹⁰2¹⁴⁹¹+¹⁴⁹²K¹⁴⁹³**VerifyNetworkSerialNumber**

Function Integer VerifyNetworkSerialNumber (long SerialNumber, ref int ApplicationNumber) Library
"NWNETAPI.DLL"

1489\$ VerifyNetworkSerialNumber
1490# VerifyNetworkSerialNumber
1491² Help Magician footnote: DO NOT EDIT; 0
1492⁺ Miscellaneous_Services:012
1493^K VerifyNetworkSerialNumber;

\$¹⁴⁹⁴#¹⁴⁹⁵2¹⁴⁹⁶+¹⁴⁹⁷K¹⁴⁹⁸**FillNameSpaceBuffer**

Function Integer FillNameSpaceBuffer (int ServerConnID, int VolumeNumber, ref NWBUFFER Buffer)
Library "NWNETAPI.DLL"

1494\$ FillNameSpaceBuffer
1495# FillNameSpaceBuffer
1496² Help Magician footnote: DO NOT EDIT; 0
1497+ Name_Space_Services:001
1498^K FillNameSpaceBuffer;

\$¹⁴⁹⁹#¹⁵⁰⁰2¹⁵⁰¹+¹⁵⁰²K¹⁵⁰³**GetDataStreamInfo**

Function Integer GetDataStreamInfo (ref NWBUFFER Buffer, int DataStreamType, string
DataStreamName, ref int VolSupports) Library "NWNETAPI.DLL"

1499\$ GetDataStreamInfo
1500# GetDataStreamInfo
1501² Help Magician footnote: DO NOT EDIT; 0
1502+ Name_Space_Services:002
1503^K GetDataStreamInfo;

\$1504#150521506+1507K1508**GetNameSpaceEntry**

Function Integer GetNameSpaceEntry (int ServerConnID, int VolumeNum, ref long Sequence, int NsType, ref [Any] EntryInfo) Library "NWNETAPI.DLL"

1504\$ GetNameSpaceEntry
1505# GetNameSpaceEntry
1506² Help Magician footnote: DO NOT EDIT; 0
1507⁺ Name_Space_Services:003
1508^K GetNameSpaceEntry;

\$¹⁵⁰⁹#¹⁵¹⁰2¹⁵¹¹+¹⁵¹²K¹⁵¹³ **GetNamespaceInfo**

Function Integer GetNamespaceInfo (ref NWBUFFER Buffer, int NsType, string NameSpaceName, ref int OsReady, ref int VolSupports) Library "NWNETAPI.DLL"

1509\$ GetNamespaceInfo
1510# GetNamespaceInfo
1511² Help Magician footnote: DO NOT EDIT; 0
1512+ Name_Space_Services:004
1513K GetNamespaceInfo;

\$¹⁵¹⁴#¹⁵¹⁵2¹⁵¹⁶+¹⁵¹⁷K¹⁵¹⁸**GetNumNameSpaceAndDataStreams**

Function Integer GetNumNameSpaceAndDataStreams (ref NWBUFFER Buffer, ref int NumNameSpaces, ref int NumDataStreams) Library "NWNETAPI.DLL"

1514\$ GetNumNameSpaceAndDataStreams
1515# GetNumNameSpaceAndDataStreams
1516² Help Magician footnote: DO NOT EDIT; 0
1517+ Name_Space_Services:005
1518^K GetNumNameSpaceAndDataStreams;

\$1519#152021521+1522K1523**Name Space Services Global Constants**

int DOS_NAME_SPACE = 0
int MAC_NAME_SPACE = 1

1519\$ Name Space Services Global Constants
1520# Name_Space_Services_Global_Constants
1521² Help Magician footnote: DO NOT EDIT; 0
1522⁺ Name_Space_Services:006
1523^K Name Space Services Global Constants;

\$¹⁵²⁴#¹⁵²⁵2¹⁵²⁶+¹⁵²⁷K¹⁵²⁸**CancelLPTCapture**

Function Integer CancelLPTCapture () Library "NWNETAPI.DLL"

1524\$ CancelLPTCapture
1525# CancelLPTCapture
1526² Help Magician footnote: DO NOT EDIT; 0
1527+ Print_Services:001
1528^K CancelLPTCapture;

\$¹⁵²⁹#¹⁵³⁰2¹⁵³¹+¹⁵³²K¹⁵³³**CancelSpecificLPTCapture**

Function Integer CancelSpecificLPTCapture (int LptDevice) Library "NWNETAPI.DLL"

1529\$ CancelSpecificLPTCapture
1530# CancelSpecificLPTCapture
1531² Help Magician footnote: DO NOT EDIT; 0
1532+ Print_Services:002
1533K CancelSpecificLPTCapture;

\$1534#153521536+1537K1538**EndLPTCapture**

Function Integer EndLPTCapture () Library "NWNETAPI.DLL"

1534\$ EndLPTCapture
1535# EndLPTCapture
1536² Help Magician footnote: DO NOT EDIT; 0
1537⁺ Print_Services:003
1538^K EndLPTCapture;

\$1539#154021541+1542K1543**EndSpecificLPTCapture**

Function Integer EndSpecificLPTCapture (int LptDevice) Library "NWNETAPI.DLL"

1539\$ EndSpecificLPTCapture
1540# EndSpecificLPTCapture
1541² Help Magician footnote: DO NOT EDIT; 0
1542⁺ Print_Services:004
1543^K EndSpecificLPTCapture;

\$¹⁵⁴⁴#¹⁵⁴⁵2¹⁵⁴⁶+¹⁵⁴⁷K¹⁵⁴⁸**FlushLPTCapture**

Function Integer FlushLPTCapture () Library "NWNETAPI.DLL"

1544\$ FlushLPTCapture
1545# FlushLPTCapture
1546² Help Magician footnote: DO NOT EDIT; 0
1547+ Print_Services:005
1548^K FlushLPTCapture;

\$₁₅₄₉#₁₅₅₀2₁₅₅₁+₁₅₅₂K₁₅₅₃**FlushSpecificLPTCapture**

Function Integer FlushSpecificLPTCapture (int LptDevice) Library "NWNETAPI.DLL"

1549\$ FlushSpecificLPTCapture
1550# FlushSpecificLPTCapture
1551² Help Magician footnote: DO NOT EDIT; 0
1552⁺ Print_Services:006
1553^K FlushSpecificLPTCapture;

\$1554#155521556+1557K1558**GetBannerUserName**

Function Integer GetBannerUserName (string UserName) Library "NWNETAPI.DLL"

1554\$ GetBannerUserName
1555# GetBannerUserName
1556² Help Magician footnote: DO NOT EDIT; 0
1557⁺ Print_Services:007
1558^K GetBannerUserName;

\$¹⁵⁵⁹#¹⁵⁶⁰2¹⁵⁶¹+¹⁵⁶²K¹⁵⁶³**GetDefaultCaptureFlags**

Function Integer GetDefaultCaptureFlags (ref CAPTURE_FLAGS CaptureFlags) Library
"NWNETAPI.DLL"

1559\$ GetDefaultCaptureFlags
1560# GetDefaultCaptureFlags
1561² Help Magician footnote: DO NOT EDIT; 0
1562⁺ Print_Services:008
1563^K GetDefaultCaptureFlags;

\$¹⁵⁶⁴#¹⁵⁶⁵2¹⁵⁶⁶+¹⁵⁶⁷K¹⁵⁶⁸**GetDefaultLocalPrinter**

Function Integer GetDefaultLocalPrinter () Library "NWNETAPI.DLL"

1564\$ GetDefaultLocalPrinter
1565# GetDefaultLocalPrinter
1566² Help Magician footnote: DO NOT EDIT; 0
1567+ Print_Services:009
1568^K GetDefaultLocalPrinter;

\$¹⁵⁶⁹#¹⁵⁷⁰2¹⁵⁷¹+¹⁵⁷²K¹⁵⁷³**GetLPTCaptureStatus**

Function Integer GetLPTCaptureStatus (ref int ServerNumber) Library "NWNETAPI.DLL"

1569\$ GetLPTCaptureStatus
1570# GetLPTCaptureStatus
1571² Help Magician footnote: DO NOT EDIT; 0
1572+ Print_Services:010
1573^K GetLPTCaptureStatus;

\$¹⁵⁷⁴#¹⁵⁷⁵2¹⁵⁷⁶+¹⁵⁷⁷K¹⁵⁷⁸**GetPrinterQueue**

Function Integer GetPrinterQueue (int PrinterNumber, ref long QueueID) Library "NWNETAPI.DLL"

1574\$ GetPrinterQueue
1575# GetPrinterQueue
1576² Help Magician footnote: DO NOT EDIT; 0
1577+ Print_Services:011
1578^K GetPrinterQueue;

\$1579#158021581+1582K1583**GetPrinterStatus**

Function Integer GetPrinterStatus (int PrinterNumber, ref int PrinterHalted, ref int PrinterOffLine, ref int FormType, ref int TargetPrinter) Library "NWNETAPI.DLL"

1579\$ GetPrinterStatus
1580# GetPrinterStatus
1581² Help Magician footnote: DO NOT EDIT; 0
1582⁺ Print_Services:012
1583^K GetPrinterStatus;

\$¹⁵⁸⁴#¹⁵⁸⁵2¹⁵⁸⁶+¹⁵⁸⁷K¹⁵⁸⁸**GetSpecificCaptureFlags**

Function Integer GetSpecificCaptureFlags (int LocalLPTDevice, ref CAPTURE_FLAGS CaptureFlags)
Library "NWNETAPI.DLL"

1584\$ GetSpecificCaptureFlags
1585# GetSpecificCaptureFlags
1586² Help Magician footnote: DO NOT EDIT; 0
1587+ Print_Services:013
1588^K GetSpecificCaptureFlags;

\$¹⁵⁸⁹#¹⁵⁹⁰2¹⁵⁹¹+¹⁵⁹²K¹⁵⁹³**SetBannerUserName**

Function Integer SetBannerUserName (string UserName) Library "NWNETAPI.DLL"

1589\$ SetBannerUserName
1590# SetBannerUserName
1591² Help Magician footnote: DO NOT EDIT; 0
1592⁺ Print_Services:014
1593^K SetBannerUserName;

\$¹⁵⁹⁴#¹⁵⁹⁵2¹⁵⁹⁶+¹⁵⁹⁷K¹⁵⁹⁸**SetCapturePrintJob**

Function Integer SetCapturePrintJob (int LptDevice, int JobNumber, ref FILE_HANDLE
JobFileHandle) Library "NWNETAPI.DLL"

1594\$ SetCapturePrintJob
1595# SetCapturePrintJob
1596² Help Magician footnote: DO NOT EDIT; 0
1597+ Print_Services:015
1598^K SetCapturePrintJob;

\$₁₅₉₉#₁₆₀₀2₁₆₀₁+₁₆₀₂K₁₆₀₃**SetCapturePrintQueue**

Function Integer SetCapturePrintQueue (int LptDevice, int ConnID, long QueueID) Library
"NWNETAPI.DLL"

1599\$ SetCapturePrintQueue
1600# SetCapturePrintQueue
1601² Help Magician footnote: DO NOT EDIT; 0
1602⁺ Print_Services:016
1603^K SetCapturePrintQueue;

\$₁₆₀₄#₁₆₀₅2₁₆₀₆+₁₆₀₇K₁₆₀₈**SetDefaultCaptureFlags**

Function Integer SetDefaultCaptureFlags (ref SET_CAPTURE_FLAGS setCaptureFlags) Library
"NWNETAPI.DLL"*

1604\$ SetDefaultCaptureFlags
1605# SetDefaultCaptureFlags
1606² Help Magician footnote: DO NOT EDIT; 0
1607⁺ Print_Services:017
1608^K SetDefaultCaptureFlags;

\$₁₆₀₉#₁₆₁₀2₁₆₁₁+₁₆₁₂K₁₆₁₃**SetDefaultLocalPrinter**

Function Integer SetDefaultLocalPrinter (int LptDevice) Library "NWNETAPI.DLL"

1609\$ SetDefaultLocalPrinter
1610# SetDefaultLocalPrinter
1611² Help Magician footnote: DO NOT EDIT; 0
1612⁺ Print_Services:018
1613^K SetDefaultLocalPrinter;

\$₁₆₁₄#₁₆₁₅2₁₆₁₆+₁₆₁₇K₁₆₁₈**SetSpecificCaptureFlags**

Function Integer SetSpecificCaptureFlags (int LptDevice, ref SET_CAPTURE_FLAGS
setCaptureFlags) Library "NWNETAPI.DLL"

1614\$ SetSpecificCaptureFlags
1615# SetSpecificCaptureFlags
1616² Help Magician footnote: DO NOT EDIT; 0
1617⁺ Print_Services:019
1618^K SetSpecificCaptureFlags;

\$₁₆₁₉#₁₆₂₀2₁₆₂₁+₁₆₂₂K₁₆₂₃**SetSpoolFlags**

Function Integer SetSpoolFlags (int PrintFlags, int TabSize, int PrinterNumber, int NumberOfCopies, int
FormType, int BannerName) Library "NWNETAPI.DLL"

1619\$ SetSpoolFlags
1620# SetSpoolFlags
1621² Help Magician footnote: DO NOT EDIT; 0
1622⁺ Print_Services:020
1623^K SetSpoolFlags;

\$₁₆₂₄#₁₆₂₅2₁₆₂₆+₁₆₂₇K₁₆₂₈**SpecifyCaptureFile**

Function Integer SpecifyCaptureFile (int DriveHandle, string FilePath) Library "NWNETAPI.DLL"

1624\$ SpecifyCaptureFile
1625# SpecifyCaptureFile
1626² Help Magician footnote: DO NOT EDIT; 0
1627⁺ Print_Services:021
1628^K SpecifyCaptureFile;

\$₁₆₂₉#₁₆₃₀2₁₆₃₁+₁₆₃₂K₁₆₃₃**StartLPTCapture**

Function Integer StartLPTCapture () Library "NWNETAPI.DLL"

1629\$ StartLPTCapture
1630# StartLPTCapture
1631² Help Magician footnote: DO NOT EDIT; 0
1632⁺ Print_Services:022
1633^K StartLPTCapture;

\$₁₆₃₄#₁₆₃₅2₁₆₃₆+₁₆₃₇K₁₆₃₈**StartSpecificLPTCapture**

Function Integer StartSpecificLPTCapture (int LptDevice) Library "NWNETAPI.DLL"

1634\$ StartSpecificLPTCapture
1635# StartSpecificLPTCapture
1636² Help Magician footnote: DO NOT EDIT; 0
1637⁺ Print_Services:023
1638^K StartSpecificLPTCapture;

\$₁₆₃₉#₁₆₄₀2₁₆₄₁+₁₆₄₂K₁₆₄₃**Print Services Global Constants**

int CAPTURE_IS_NOT_ACTIVE = 0
int CAPTURE_IS_ACTIVE = 255

1639\$ Print Services Global Constants
1640# Print_Services_Global_Constants
1641² Help Magician footnote: DO NOT EDIT; 0
1642⁺ Print_Services:024
1643^K Print Services Global Constants;

\$₁₆₄₄#₁₆₄₅2₁₆₄₆+₁₆₄₇K₁₆₄₈**Print Services Structures**

CAPTURE_FLAGS

SET_CAPTURE_FLAGS

1644\$ Print Services Structures

1645# Print_Services_Structures

1646² Help Magician footnote: DO NOT EDIT; 0

1647+ Print_Services:025

1648^K Print Services Structures;

\$1649#165021651K1652**CAPTURE_FLAGS**

Status	string	
Flags	string	
TabSize	string	
ServerPrinter	string	
NumberOfCopies	string	
FormType		string
Reserved1	string	
BannerText	string	
Reserved2	string	
LocalLPTDevice	string	
FlushCaptureTimeoutCount	integer	
FlushCaptureOnDeviceClose	string	
MaxLines		integer
MaxChars		integer
FormName	string	
LPTCaptureFlag	string	
FileCaptureFlag	string	
TimingOutFlag	string	
PrinterSetupBuffer	long	
PrinterResetBuffer	long	
ConnectionIDQueuePrintJob	string	
CaptureInProgress	string	
PrintQueueFlag	string	
PrintJobValid	string	
PrintQueueID	long	
PrintJobNumber	integer	

1649\$ CAPTURE_FLAGS

1650# CAPTURE_FLAGS

1651² Help Magician footnote: DO NOT EDIT; 0

1652^K CAPTURE_FLAGS;

\$1653#165421655K1656**SET_CAPTURE_FLAGS**

Status	string	
Flags	string	
TabSize	string	
ServerPrinter	string	
NumberOfCopies	string	
FormType		string
Reserved1	string	
BannerText	string	
Reserved2	string	
LocalLPTDevice	string	
FlushCaptureTimeoutCount	integer	
FlushCaptureOnDeviceClose	string	
MaxLines		integer
MaxChars		integer
FormName	string	
Reserved3	string	

1653\$ SET_CAPTURE_FLAGS
1654# SET_CAPTURE_FLAGS
1655² Help Magician footnote: DO NOT EDIT; 0
1656^K SET_CAPTURE_FLAGS;

\$₁₆₅₇#₁₆₅₈2₁₆₅₉+₁₆₆₀K₁₆₆₁**PSAbortPrintJob**

Function Integer PSAbortPrintJob (int SpxConn, int Printer, int JobOutcome) Library "NWPSERV.DLL"

1657\$ PSAbortPrintJob
1658# PSAbortPrintJob
1659² Help Magician footnote: DO NOT EDIT; 0
1660⁺ Print_Server_Services:001
1661^K PSAbortPrintJob;

\$1662#166321664+1665K1666**PSAddNotifyObject**

Function Integer PSAddNotifyObject (int SpxConn, int Printer, string FileServer, string ObjectName, int
ObjectType, int FirstNotif, int NextNotif) Library "NWPSERV.DLL"

1662\$ PSAddNotifyObject
1663# PSAddNotifyObject
1664² Help Magician footnote: DO NOT EDIT; 0
1665⁺ Print_Server_Services:002
1666^K PSAddNotifyObject;

\$₁₆₆₇#₁₆₆₈2₁₆₆₉+₁₆₇₀K₁₆₇₁**PSAddQueueToPrinter**

Function Integer PSAddQueueToPrinter (int SpxConn, int Pprinter, string FileServer, string Queue, int Priority) Library "NWPSERV.DLL"

1667\$ PSAddQueueToPrinter
1668# PSAddQueueToPrinter
1669² Help Magician footnote: DO NOT EDIT; 0
1670+ Print_Server_Services:003
1671^K PSAddQueueToPrinter;

\$₁₆₇₂#₁₆₇₃2₁₆₇₄+₁₆₇₅K₁₆₇₆**PSAttachPrintServerToFileServer**

Function Integer PSAttachPrintServerToFileServer (int SpxConn, string FileServer, string Password)
Library "NWPSERV.DLL"

1672\$ PSAttachPrintServerToFileServer
1673# PSAttachPrintServerToFileServer
1674² Help Magician footnote: DO NOT EDIT; 0
1675⁺ Print_Server_Services:004
1676^K PSAttachPrintServerToFileServer;

\$₁₆₇₇#₁₆₇₈2₁₆₇₉+₁₆₈₀K₁₆₈₁**PSAttachToPrintServer**

Function Integer PSAttachToPrintServer (string PrintServerName, ref int ConnectionID) Library
"NWPSERV.DLL"

1677\$ PSAttachToPrintServer
1678# PSAttachToPrintServer
1679² Help Magician footnote: DO NOT EDIT; 0
1680⁺ Print_Server_Services:005
1681^K PSAttachToPrintServer;

\$₁₆₈₂#₁₆₈₃2₁₆₈₄+₁₆₈₅K₁₆₈₆**PSCancelDownRequest**

Function Integer PSCancelDownRequest (int SpConn) Library "NWPSERV.DLL"

1682\$ PSCancelDownRequest
1683# PSCancelDownRequest
1684² Help Magician footnote: DO NOT EDIT; 0
1685+ Print_Server_Services:006
1686^K PSCancelDownRequest;

\$₁₆₈₇#₁₆₈₈2₁₆₈₉+₁₆₉₀K₁₆₉₁**PSChangeNotifyInterval**

Function Integer PSChangeNotifyInterval (int SpxConn, int Printer, string FileServer, string ObjectName, int ObjectType, int FirstNotif, int NextNotif) Library "NWPSERV.DLL"

1687\$ PSChangeNotifyInterval
1688# PSChangeNotifyInterval
1689² Help Magician footnote: DO NOT EDIT; 0
1690⁺ Print_Server_Services:007
1691^K PSChangeNotifyInterval;

\$₁₆₉₂#₁₆₉₃2₁₆₉₄+₁₆₉₅K₁₆₉₆**PSChangeQueuePriority**

Function Integer PSChangeQueuePriority (int SpxConn, int Printer, string FileServer, string Queue, int Priority) Library "NWPSERV.DLL"

1692\$ PSChangeQueuePriority
1693# PSChangeQueuePriority
1694² Help Magician footnote: DO NOT EDIT; 0
1695⁺ Print_Server_Services:008
1696^K PSChangeQueuePriority;

\$₁₆₉₇#₁₆₉₈2₁₆₉₉+₁₇₀₀K₁₇₀₁**PSChangeServiceMode**

Function Integer PSChangeServiceMode (int SpxConn, int Printer, int ServiceMode) Library
"NWPSERV.DLL"

1697\$ PSChangeServiceMode
1698# PSChangeServiceMode
1699² Help Magician footnote: DO NOT EDIT; 0
1700+ Print_Server_Services:009
1701^K PSChangeServiceMode;

\$1702#170321704+1705K1706 **PSDeleteNotifyObject**

Function Integer PSDeleteNotifyObject (int SpxConn, int Printer, string FileServer, string ObjectName,
int ObjectType) Library "NWPSERV.DLL"

1702\$ PSDeleteNotifyObject
1703# PSDeleteNotifyObject
1704² Help Magician footnote: DO NOT EDIT; 0
1705⁺ Print_Server_Services:010
1706^K PSDeleteNotifyObject;

\$1707#170821709+1710K1711**PSDeleteQueueFromPrinter**

Function Integer PSDeleteQueueFromPrinter (int SpxConn, int Printer, string FileServer, string Queue,
int Immed, int JobOutcome) Library "NWPSERV.DLL"

1707\$ PSDeleteQueueFromPrinter
1708# PSDeleteQueueFromPrinter
1709² Help Magician footnote: DO NOT EDIT; 0
1710⁺ Print_Server_Services:011
1711^K PSDeleteQueueFromPrinter;

\$¹⁷¹²#¹⁷¹³2¹⁷¹⁴+¹⁷¹⁵K¹⁷¹⁶**PSDetachFromPrintServer**

Function Integer PSDetachFromPrintServer (int ConnID) Library "NWPSERV.DLL"

1712\$ PSDetachFromPrintServer
1713# PSDetachFromPrintServer
1714² Help Magician footnote: DO NOT EDIT; 0
1715+ Print_Server_Services:012
1716^K PSDetachFromPrintServer;

\$¹⁷¹⁷#¹⁷¹⁸2¹⁷¹⁹+¹⁷²⁰K¹⁷²¹**PSDetachPrtServerFromFileServer**

Function Integer PSDetachPrtServerFromFileServer (int SpxConn, string FileServer, int Immed, int JobOutcome) Library "NWPSERV.DLL"

1717\$ PSDetachPrtServerFromFileServer
1718# PSDetachPrtServerFromFileServer
1719² Help Magician footnote: DO NOT EDIT; 0
1720+ Print_Server_Services:013
1721^K PSDetachPrtServerFromFileServer;

\$1722#172321724+1725K1726**PSDownPrintServer**

Function Integer PSDownPrintServer (int SpxConn, int Immed, int JobOutcome) Library
"NWPSERV.DLL"

1722\$ PSDownPrintServer
1723# PSDownPrintServer
1724² Help Magician footnote: DO NOT EDIT; 0
1725+ Print_Server_Services:014
1726^K PSDownPrintServer;

\$¹⁷²⁷#¹⁷²⁸2¹⁷²⁹+¹⁷³⁰K¹⁷³¹**PSEjectForm**

Function Integer PSEjectForm (int SpxConn, int Printer) Library "NWPSERV.DLL"

1727\$ PSEjectForm
1728# PSEjectForm
1729² Help Magician footnote: DO NOT EDIT; 0
1730+ Print_Server_Services:015
1731^K PSEjectForm;

\$¹⁷³²#¹⁷³³2¹⁷³⁴+¹⁷³⁵K¹⁷³⁶**PSGetAttachedServers**

Function Integer PSGetAttachedServers (int SpxConn, ref int Sequence, string FileServer) Library
"NWPSERV.DLL"

1732\$ PSGetAttachedServers
1733# PSGetAttachedServers
1734² Help Magician footnote: DO NOT EDIT; 0
1735+ Print_Server_Services:016
1736^K PSGetAttachedServers;

\$₁₇₃₇#₁₇₃₈²₁₇₃₉+₁₇₄₀K₁₇₄₁ **PSGetNextRemotePrinter**

Function Integer PSGetNextRemotePrinter (int SpxConn, ref int Printer, ref int PrinterType, string
PrinterName) Library "NWPSERV.DLL"

1737\$ PSGetNextRemotePrinter
1738# PSGetNextRemotePrinter
1739² Help Magician footnote: DO NOT EDIT; 0
1740+ Print_Server_Services:017
1741^K PSGetNextRemotePrinter;

\$1742#174321744+1745K1746**PSGetNotifyObject**

Function Integer PSGetNotifyObject (int SpxConn, int Printer, ref int Sequence, string FileServer, string
ObjectName, ref int ObjectType, ref int FirstNotif, ref int NextNotif) Library "NWPSERV.DLL"

1742\$ PSGetNotifyObject
1743# PSGetNotifyObject
1744² Help Magician footnote: DO NOT EDIT; 0
1745⁺ Print_Server_Services:018
1746^K PSGetNotifyObject;

\$¹⁷⁴⁷#¹⁷⁴⁸2¹⁷⁴⁹+¹⁷⁵⁰K¹⁷⁵¹ **PSGetPrintersServicingQueue**

Function Integer PSGetPrintersServicingQueue (int SpxConn, string FileServer, string Queue, int MaxPrinter, ref int NumPrinters, ref int PrinterList) Library "NWPSERV.DLL"

//PrinterList must be initialized to MaxPrinters bytes

1747\$ PSGetPrintersServicingQueue
1748# PSGetPrintersServicingQueue
1749² Help Magician footnote: DO NOT EDIT; 0
1750+ Print_Server_Services:019
1751^K PSGetPrintersServicingQueue;

\$1752#175321754+1755K1756**PSGetPrinterStatus**

Function Integer PSGetPrinterStatus (int SpxConn, int Printer, ref int Status, ref int Problem, ref int HasJob, ref int ServiceMode, ref int FormNumber, string FormName, string PrinterName) Library "NWPSERV.DLL"

1752\$ PSGetPrinterStatus
1753# PSGetPrinterStatus
1754² Help Magician footnote: DO NOT EDIT; 0
1755+ Print_Server_Services:020
1756^K PSGetPrinterStatus;

\$¹⁷⁵⁷#¹⁷⁵⁸2¹⁷⁵⁹+¹⁷⁶⁰K¹⁷⁶¹ **PSGetPrintJobStatus**

Function Integer PSGetPrintJobStatus (int SpxConn, int Printer, string FileServer, string QueueName, ref int JobNumber, string JobDesc, ref int CopiesToPrint, ref long JobSize, ref int CopyiesDone, ref long BytesIntoCopy, ref int NeededForm, ref int Text) Library "NWPSERV.DLL"

1757\$ PSGetPrintJobStatus

1758# PSGetPrintJobStatus

1759² Help Magician footnote: DO NOT EDIT; 0

1760+ Print_Server_Services:021

1761^K PSGetPrintJobStatus;

\$¹⁷⁶²#¹⁷⁶³2¹⁷⁶⁴+¹⁷⁶⁵K¹⁷⁶⁶**PSGetPrintServerInfo**

Function Integer PSGetPrintServerInfo (int SpxConn, ref PS_INFO Info, int Size) Library
"NWPSERV.DLL"

1762\$ PSGetPrintServerInfo
1763# PSGetPrintServerInfo
1764² Help Magician footnote: DO NOT EDIT; 0
1765+ Print_Server_Services:022
1766^K PSGetPrintServerInfo;

\$¹⁷⁶⁷#¹⁷⁶⁸2¹⁷⁶⁹+¹⁷⁷⁰K¹⁷⁷¹**PSGetQueuesServiced**

Function Integer PSGetQueuesServiced (int SpxConn, int Printer, ref int Sequence, string FileServer, string Queue, ref int Priority) Library "NWPSERV.DLL"

1767\$ PSGetQueuesServiced
1768# PSGetQueuesServiced
1769² Help Magician footnote: DO NOT EDIT; 0
1770+ Print_Server_Services:023
1771^K PSGetQueuesServiced;

\$¹⁷⁷²#¹⁷⁷³2¹⁷⁷⁴+¹⁷⁷⁵K¹⁷⁷⁶**PSLoginToPrintServer**

Function Integer PSLoginToPrintServer (int SpxConn, ref int ClientAccessLevel) Library
"NWPSERV.DLL"

1772\$ PSLoginToPrintServer
1773# PSLoginToPrintServer
1774² Help Magician footnote: DO NOT EDIT; 0
1775+ Print_Server_Services:024
1776^K PSLoginToPrintServer;

\$₁₇₇₇#₁₇₇₈²₁₇₇₉+₁₇₈₀K₁₇₈₁ **PSMarkTopOfForm**

Function Integer PSMa**r**kTopOf**F**orm (int Sp**x**Conn, int Printer, int Character) Library
"NWPSERV.DLL"

1777\$ PSMa**r**kTopOf**F**orm
1778# PSMa**r**kTopOf**F**orm
1779² Help Magician footnote: DO NOT EDIT; 0
1780+ Print_Server_Services:025
1781K PSMa**r**kTopOf**F**orm;

\$¹⁷⁸²#¹⁷⁸³2¹⁷⁸⁴+¹⁷⁸⁵K¹⁷⁸⁶**PSRequestRemotePrinter**

Function Integer PSRequestRemotePrinter (int SpxConn, ref REMOTE_INFO PrinterInfo) Library
"NWPSERV.DLL"

1782\$ PSRequestRemotePrinter
1783# PSRequestRemotePrinter
1784² Help Magician footnote: DO NOT EDIT; 0
1785+ Print_Server_Services:026
1786^K PSRequestRemotePrinter;

\$¹⁷⁸⁷#¹⁷⁸⁸2¹⁷⁸⁹+¹⁷⁹⁰K¹⁷⁹¹**PSRewindPrintJob**

Function Integer PSRewindPrintJob (int SpxConn, int Printer, int ByPage, int Relative, int Copy, long Offset) Library "NWPSERV.DLL"

1787\$ PSRewindPrintJob
1788# PSRewindPrintJob
1789² Help Magician footnote: DO NOT EDIT; 0
1790⁺ Print_Server_Services:027
1791^K PSRewindPrintJob;

\$1792#179321794+1795K1796PSSetMountedForm

Function Integer PSSetMountedForm (int SpxConn, int Printer, int FormNumber) Library
"NWPSERV.DLL"

1792\$ PSSetMountedForm
1793# PSSetMountedForm
1794² Help Magician footnote: DO NOT EDIT; 0
1795⁺ Print_Server_Services:028
1796^K PSSetMountedForm;

\$¹⁷⁹⁷#¹⁷⁹⁸2¹⁷⁹⁹+1800K¹⁸⁰¹**PSSetRemoteMode**

Function Integer PSSetRemoteMode (int SpxConn, int Printer, int Mode) Library "NWPSERV.DLL"

1797\$ PSSetRemoteMode
1798# PSSetRemoteMode
1799² Help Magician footnote: DO NOT EDIT; 0
1800+ Print_Server_Services:029
1801K PSSetRemoteMode;

\$1802#180321804+1805K1806**PSSstartPrinter**

Function Integer PSSstartPrinter (int SpxConn, int Printer) Library "NWPSERV.DLL"

1802\$ PSSstartPrinter
1803# PSSstartPrinter
1804² Help Magician footnote: DO NOT EDIT; 0
1805⁺ Print_Server_Services:030
1806^K PSSstartPrinter;

\$¹⁸⁰⁷#¹⁸⁰⁸2¹⁸⁰⁹+¹⁸¹⁰K¹⁸¹¹**PSSStopPrinter**

Function Integer PSSStopPrinter (int SpxConn, int Printer, int JobOutcome) Library "NWPSERV.DLL"

1807\$ PSSStopPrinter
1808# PSSStopPrinter
1809² Help Magician footnote: DO NOT EDIT; 0
1810⁺ Print_Server_Services:031
1811^K PSSStopPrinter;

¹⁸¹²_#¹⁸¹³₂¹⁸¹⁴₊¹⁸¹⁵_K¹⁸¹⁶**Print Server Services Global Constants**

```
//Print server status
int RUNNING                = 0
int GOING_DOWN              = 1
int DOWN                    = 2
int INITIALIZING            = 3

//Printer status
int PRINTER_RUNNING         = 0
int PRINTER_OFFLINE         = 1
int PRINTER_PAPER_OUT       = 2

//printControlFlags
int SUPPRESS_FF              = 2048
int NOTIFY_USER              = 4096
int TEXT_MODE                = 16384
int PRINT_BANNER             = 32768

//Queue service modes
int QUEUE_ONLY               = 0
int QUEUE_BEFORE_FORM        = 1
int FORM_ONLY                = 2
int FORM_BEFORE_QUEUE        = 3

//Port configuration values
int BAUD_RATE_0300           = 0
int BAUD_RATE_0600           = 1
int BAUD_RATE_1200           = 2
int BAUD_RATE_2400           = 3
int BAUD_RATE_4800           = 4
int BAUD_RATE_9600           = 5

int STOP_BITS_1              = 0
int STOP_BITS_1_5            = 1
int STOP_BITS_2              = 2

int PARITY_NONE               = 0
int PARITY_EVEN               = 1
int PARITY_ODD                = 2

//Printer types
int P_PAR_1                  = 0
int P_PAR_2                  = 1
int P_PAR_3                  = 2
int P_SER_1                  = 3
int P_SER_2                  = 4
int P_SER_3                  = 5
int P_SER_4                  = 6
```

¹⁸¹²_S Print Server Services Global Constants
¹⁸¹³_# Print_Server_Services_Global_Constants
¹⁸¹⁴₂ Help Magician footnote: DO NOT EDIT; 0
¹⁸¹⁵₊ Print_Server_Services:032
¹⁸¹⁶_K Print Server Services Global Constants;

```

int P_REM_PAR_1           = 7
int P_REM_PAR_2           = 8
int P_REM_PAR_3           = 9
int P_REM_SER_1           = 10
int P_REM_SER_2           = 11
int P_REM_SER_3           = 12
int P_REM_SER_4           = 13
int P_REM_OTHER           = 14
int P_ELSEWHERE           = 15

//ObjectType for job owner (for notify object APIs)
int JOB_OWNER             = -1

//Job outcomes
int PLACE_ON_HOLD         = 0
int RETURN_TO_QUEUE       = 1
int THROW_AWAY            = 2

//Remote printer modes
int REMOTE_SHARED         = 0
int REMOTE_PRIVATE        = 1

//Printer status
int PSTAT_WAITING_FOR_JOB = 0
int PSTAT_WAITING_FOR_FORM = 1
int PSTAT_PRINTING_JOB    = 2
int PSTAT_PAUSED          = 3
int PSTAT_STOPPED         = 4
int PSTAT_MARK_EJECT      = 5
int PSTAT_READY_TO_GO_DOWN = 6
int PSTAT_NOT_CONNECTED   = 7
int PSTAT_PRIVATE         = 8

//Print server communication errors
int PSC_NO_AVAILABLE_SPX_CONNECTS = 64
int PSC_SPX_NOT_INITIALIZED        = 65
int PSC_NO_SUCH_PRINT_SERVER        = 66
int PSC_UNABLE_TO_GET_SERVER_ADDR   = 67
int PSC_UNABLE_TO_CONNECT_TO_SERVER = 68
int PSC_NO_AVAILABLE_IPX_SOCKETS    = 69
int PSC_ALREADY_ATTACHED_TO_PSERVER = 70
int PSC_IPX_NOT_INITIALIZED         = 71

//Print server error codes
int PSE_TOO_MANY_FILE_SERVERS      = 257
int PSE_UNKNOWN_FILE_SERVER        = 258
int PSE_BINDERY_LOCKED              = 259
int PSE_SERVER_MAXED_OUT            = 260
int PSE_NO_RESPONSE                 = 261
int PSE_ALREADY_ATTACHED            = 262
int PSE_CANT_ATTACH                 = 263
int PSE_NO_ACCOUNT_BALANCE          = 264
int PSE_NO_CREDIT_LEFT              = 265
int PSE_INTRUDER_DETECTION_LOCK     = 266
int PSE_TOO_MANY_CONNECTIONS        = 267
int PSE_ACCOUNT_DISABLED            = 268

```

int PSE_UNAUTHORIZED_TIME	= 269	
int PSE_UNAUTHORIZED_STATION	= 270	
int PSE_NO_MORE_GRACE	= 271	
int PSE_LOGIN_DISABLED	= 272	
int PSE_ILLEGAL_ACCT_NAME	= 273	
int PSE_PASSWORD_HAS_EXPIRED	= 274	
int PSE_ACCESS_DENIED	= 275	
int PSE_CANT_LOGIN	= 276	
int PSE_NO_SUCH_QUEUE	= 512	
int PSE_NOT_AUTHORIZED_FOR_QUEUE	= 513	
int PSE_QUEUE_HALTED	= 514	
int PSE_UNABLE_TO_ATTACH_TO_QUEUE	= 515	
int PSE_TOO_MANY_QUEUE_SERVERS		= 516
int PSE_INVALID_REQUEST		= 768
int PSE_NOT_ENOUGH_MEMORY	= 769	
int PSE_NO_SUCH_PRINTER		= 770
int PSE_INVALID_PARAMETER	= 771	
int PSE_PRINTER_BUSY	= 772	
int PSE_CANT_DETACH_PRIMARY_SERVER	= 773	
int PSE_GOING_DOWN	= 774	
int PSE_NOT_CONNECTED	= 775	
int PSE_ALREADY_IN_USE	= 776	
int PSE_NO_JOB_ACTIVE	= 777	
int PSE_NOT_ATTACHED_TO_SERVER		= 778
int PSE_ALREADY_IN_LIST		= 779
int PSE_DOWN	= 780	
int PSE_NOT_IN_LIST	= 781	
int PSE_NO_RIGHTS	= 782	
int PSE_UNABLE_TO_VERIFY_IDENTITY		= 1024
int PSE_NOT_REMOTE_PRINTER	= 1025	
//Client privilege levels for print server		
int PS_LIMITED	= 0	// Limited access only
int PS_USER	= 1	// User access
int PS_OPERATOR	= 2	// Operator access

\$¹⁸¹⁷#¹⁸¹⁸2¹⁸¹⁹+¹⁸²⁰K¹⁸²¹**Print Server Services Structures**

PS_INFO
REMOTE_INFO

1817\$ Print Server Services Structures
1818# Print_Server_Services_Structures
1819² Help Magician footnote: DO NOT EDIT; 0
1820+ Print_Server_Services:033
1821^K Print Server Services Structures;

\$1822#182321824K1825PS_INFO

Status	string
NumPrinters	string
NumModes	string
MajorVersion	string
MinorVersion	string
Revision	string
SerialNumber	string
ServerType	string

1822\$ PS_INFO
1823# PS_INFO
1824² Help Magician footnote: DO NOT EDIT; 0
1825^K PS_INFO;

\$1826#182721828K1829**REMOTE_INFO**

PrinterType	integer	
UseInterrupts	integer	
IrqNumber	integer	
NumBlocks	integer	
UseXonXoff	integer	
BaudRate		integer
DataBits	integer	
StopBits	integer	
Parity	integer	
Socket	integer	

1826\$ REMOTE_INFO
1827# REMOTE_INFO
1828² Help Magician footnote: DO NOT EDIT; 0
1829^K REMOTE_INFO;

\$¹⁸³⁰#¹⁸³¹2¹⁸³²+¹⁸³³K¹⁸³⁴**AbortServicingQueueJobAndFile**

Function Integer AbortServicingQueueJobAndFile (long QueueID, long JobNumber, int FileHandle)
Library "NWNETAPI.DLL"

1830\$ AbortServicingQueueJobAndFile
1831# AbortServicingQueueJobAndFile
1832² Help Magician footnote: DO NOT EDIT; 0
1833+ Print_Queue_Services:001
1834^K AbortServicingQueueJobAndFile;

\$₁₈₃₅#₁₈₃₆2₁₈₃₇+₁₈₃₈K₁₈₃₉**AttachQueueServerToQueue**

Function AttachQueueServerToQueue (long QueueID) Library "NWNETAPI.DLL"

1835\$ AttachQueueServerToQueue
1836# AttachQueueServerToQueue
1837² Help Magician footnote: DO NOT EDIT; 0
1838⁺ Print_Queue_Services:002
1839^K AttachQueueServerToQueue;

\$¹⁸⁴⁰#¹⁸⁴¹2¹⁸⁴²+¹⁸⁴³K¹⁸⁴⁴**ChangeQueueJobEntry**

Function Integer ChangeQueueJobEntry (long QueueID, ref JOB_STRUCT Job) Library
"NWNETAPI.DLL"

1840\$ ChangeQueueJobEntry
1841# ChangeQueueJobEntry
1842² Help Magician footnote: DO NOT EDIT; 0
1843+ Print_Queue_Services:003
1844^K ChangeQueueJobEntry;

\$¹⁸⁴⁵#¹⁸⁴⁶2¹⁸⁴⁷+¹⁸⁴⁸K¹⁸⁴⁹**ChangeQueueJobPosition**

Function Integer ChangeQueueJobPosition (long QueueID, long JobNumber, int NewPosition) Library
"NWNETAPI.DLL"

1845\$ ChangeQueueJobPosition
1846# ChangeQueueJobPosition
1847² Help Magician footnote: DO NOT EDIT; 0
1848⁺ Print_Queue_Services:004
1849^K ChangeQueueJobPosition;

\$¹⁸⁵⁰#¹⁸⁵¹2¹⁸⁵²+¹⁸⁵³K¹⁸⁵⁴**ChangeToClientRights**

Function Integer ChangeToClientRights (long QueueID, long JobNumber) Library "NWNETAPI.DLL"

1850\$ ChangeToClientRights
1851# ChangeToClientRights
1852² Help Magician footnote: DO NOT EDIT; 0
1853+ Print_Queue_Services:005
1854^K ChangeToClientRights;

\$₁₈₅₅#₁₈₅₆2₁₈₅₇+₁₈₅₈K₁₈₅₉**CloseFileAndAbortQueueJob**

Function Integer CloseFileAndAbortQueueJob (long QueueID, long JobNumber, int FileHandle) Library
"NWNETAPI.DLL"

1855\$ CloseFileAndAbortQueueJob
1856# CloseFileAndAbortQueueJob
1857² Help Magician footnote: DO NOT EDIT; 0
1858⁺ Print_Queue_Services:006
1859^K CloseFileAndAbortQueueJob;

\$¹⁸⁶⁰#¹⁸⁶¹2¹⁸⁶²+¹⁸⁶³K¹⁸⁶⁴**CloseFileAndStartQueueJob**

Function CloseFileAndStartQueueJob (long QueueID, long JobNumber, int FileHandle) Library
"NWNETAPI.DLL"

1860\$ CloseFileAndStartQueueJob
1861# CloseFileAndStartQueueJob
1862² Help Magician footnote: DO NOT EDIT; 0
1863⁺ Print_Queue_Services:007
1864^K CloseFileAndStartQueueJob;

\$¹⁸⁶⁵#¹⁸⁶⁶2¹⁸⁶⁷+¹⁸⁶⁸K¹⁸⁶⁹**CreateQueue**

Function CreateQueue (string QueueName, int QueueType, int DirectoryHandle, string PathName, ref long QueueID) Library "NWNETAPI.DLL"

1865\$ CreateQueue
1866# CreateQueue
1867² Help Magician footnote: DO NOT EDIT; 0
1868⁺ Print_Queue_Services:008
1869^K CreateQueue;

\$¹⁸⁷⁰#¹⁸⁷¹2¹⁸⁷²+¹⁸⁷³K¹⁸⁷⁴**CreateQueueJobAndFile**

Function CreateQueueJobAndFile (long QueueID, ref JOB_STRUCT Job, ref int FileHandle) Library
"NWNETAPI.DLL"

1870\$ CreateQueueJobAndFile
1871# CreateQueueJobAndFile
1872² Help Magician footnote: DO NOT EDIT; 0
1873+ Print_Queue_Services:009
1874^K CreateQueueJobAndFile;

\$¹⁸⁷⁵#¹⁸⁷⁶2¹⁸⁷⁷+¹⁸⁷⁸K¹⁸⁷⁹ DestroyQueue

Function Integer DestroyQueue (long QueueID) Library "NWNETAPI.DLL"

¹⁸⁷⁵\$ DestroyQueue
¹⁸⁷⁶# DestroyQueue
¹⁸⁷⁷² Help Magician footnote: DO NOT EDIT; 0
¹⁸⁷⁸⁺ Print_Queue_Services:010
¹⁸⁷⁹^K DestroyQueue;

\$¹⁸⁸⁰#¹⁸⁸¹2¹⁸⁸²+¹⁸⁸³K¹⁸⁸⁴**DetachQueueServerFromQueue**

Function Integer DetachQueueServerFromQueue (long QueueID) Library "NWNETAPI.DLL"

1880\$ DetachQueueServerFromQueue
1881# DetachQueueServerFromQueue
1882² Help Magician footnote: DO NOT EDIT; 0
1883+ Print_Queue_Services:011
1884^K DetachQueueServerFromQueue;

\$¹⁸⁸⁵#¹⁸⁸⁶2¹⁸⁸⁷+¹⁸⁸⁸K¹⁸⁸⁹**FinishServicingQueueJobAndFile**

Function FinishServicingQueueJobAndFile (long QueueID, long JobNumber, long Charge, int FileHandle) Library "NWNETAPI.DLL"

1885\$ FinishServicingQueueJobAndFile
1886# FinishServicingQueueJobAndFile
1887² Help Magician footnote: DO NOT EDIT; 0
1888⁺ Print_Queue_Services:012
1889^K FinishServicingQueueJobAndFile;

\$¹⁸⁹⁰#¹⁸⁹¹2¹⁸⁹²+¹⁸⁹³K¹⁸⁹⁴**GetQueueJobList**

Function Integer GetQueueJobList (long QueueID, ref long JobCount, ref long JobNumberList, long MaxJobNumbers) Library "NWNETAPI.DLL"

1890\$ GetQueueJobList
1891# GetQueueJobList
1892² Help Magician footnote: DO NOT EDIT; 0
1893⁺ Print_Queue_Services:013
1894^K GetQueueJobList;

\$¹⁸⁹⁵#¹⁸⁹⁶2¹⁸⁹⁷+¹⁸⁹⁸K¹⁸⁹⁹**GetQueueJobsFileSize**

Function Integer GetQueueJobsFileSize (long QueueID, long JobNumber, ref long FileSize) Library
"NWNETAPI.DLL"

1895\$ GetQueueJobsFileSize
1896# GetQueueJobsFileSize
1897² Help Magician footnote: DO NOT EDIT; 0
1898⁺ Print_Queue_Services:014
1899K GetQueueJobsFileSize;

\$₁₉₀₀#₁₉₀₁2₁₉₀₂+₁₉₀₃K₁₉₀₄**ReadQueueCurrentStatus**

Function Integer ReadQueueCurrentStatus (long QueueID, ref long QueueStatus, ref long
NumberOfJobs, ref long NumberOfServers, ref long ServerIDList [], ref long ServerStationList [], long
MaxNumberOfServers) Library "NWNETAPI.DLL"

//ServerIDList is an array of MaxNumberOfServers longs

//ServerStationList is an array of MaxNumberOfServers longs

1900\$ ReadQueueCurrentStatus

1901# ReadQueueCurrentStatus

1902² Help Magician footnote: DO NOT EDIT; 0

1903⁺ Print_Queue_Services:015

1904^K ReadQueueCurrentStatus;

\$¹⁹⁰⁵#¹⁹⁰⁶2¹⁹⁰⁷+¹⁹⁰⁸K¹⁹⁰⁹**ReadQueueJobEntry**

Function Integer ReadQueueJobEntry (long QueueID, long JobNumber, ref JOB_STRUCT Job) Library
"NWNETAPI.DLL"

1905\$ ReadQueueJobEntry
1906# ReadQueueJobEntry
1907² Help Magician footnote: DO NOT EDIT; 0
1908⁺ Print_Queue_Services:016
1909^K ReadQueueJobEntry;

\$¹⁹¹⁰#¹⁹¹¹2¹⁹¹²+¹⁹¹³K¹⁹¹⁴**ReadQueueServerCurrentStatus**

Function Integer ReadQueueServerCurrentStatus (long QueueID, long ServerID, long ServerStation, ref STATUS_RECORD ServerStatusRecord) Library "NWNETAPI.DLL"

1910\$ ReadQueueServerCurrentStatus
1911# ReadQueueServerCurrentStatus
1912² Help Magician footnote: DO NOT EDIT; 0
1913+ Print_Queue_Services:017
1914^K ReadQueueServerCurrentStatus;

\$¹⁹¹⁵#¹⁹¹⁶2¹⁹¹⁷+¹⁹¹⁸K¹⁹¹⁹**RemoveJobFromQueue**

Function Integer RemoveJobFromQueue (long QueueID, long JobNumber) Library "NWNETAPI.DLL"

1915\$ RemoveJobFromQueue
1916# RemoveJobFromQueue
1917² Help Magician footnote: DO NOT EDIT; 0
1918+ Print_Queue_Services:018
1919^K RemoveJobFromQueue;

\$₁₉₂₀#₁₉₂₁2₁₉₂₂+₁₉₂₃K₁₉₂₄**RestoreQueueServerRights**

Function Integer RestoreQueueServerRights () Library "NWNETAPI.DLL"

1920\$ RestoreQueueServerRights
1921# RestoreQueueServerRights
1922² Help Magician footnote: DO NOT EDIT; 0
1923+ Print_Queue_Services:019
1924^K RestoreQueueServerRights;

\$¹⁹²⁵#¹⁹²⁶2¹⁹²⁷+¹⁹²⁸K¹⁹²⁹**ServiceQueueJobAndOpenFile**

Function Integer ServiceQueueJobAndOpenFile (long QueueID, int TargetJobType, ref JOB_STRUCT Job, ref int FileHandle) Library "NWNETAPI.DLL"

1925\$ ServiceQueueJobAndOpenFile
1926# ServiceQueueJobAndOpenFile
1927² Help Magician footnote: DO NOT EDIT; 0
1928+ Print_Queue_Services:020
1929K ServiceQueueJobAndOpenFile;

\$¹⁹³⁰#¹⁹³¹2¹⁹³²+¹⁹³³K¹⁹³⁴**SetQueueCurrentStatus**

Function Integer SetQueueCurrentStatus (long QueueID, long QueueStatus) Library "NWNETAPI.DLL"

1930\$ SetQueueCurrentStatus
1931# SetQueueCurrentStatus
1932² Help Magician footnote: DO NOT EDIT; 0
1933+ Print_Queue_Services:021
1934^K SetQueueCurrentStatus;

\$¹⁹³⁵#¹⁹³⁶2¹⁹³⁷+¹⁹³⁸K¹⁹³⁹**SetQueueServerCurrentStatus**

Function Integer SetQueueServerCurrentStatus (long QueueID, ref STATUS_RECORD
ServerStatusRecord) Library "NWNETAPI.DLL"

1935\$ SetQueueServerCurrentStatus
1936# SetQueueServerCurrentStatus
1937² Help Magician footnote: DO NOT EDIT; 0
1938⁺ Print_Queue_Services:022
1939^K SetQueueServerCurrentStatus;

\$¹⁹⁴⁰#¹⁹⁴¹2¹⁹⁴²K¹⁹⁴³**Print Queue Services Global Constants**

```
//Queue Job Control Flags
int QF_OPERATOR_HOLD          = 128
int QF_USER_HOLD              = 64
int QF_ENTRY_OPEN             = 32
int QF_SERVICE_RESTART        = 16
int QF_AUTO_START             = 8

//Queue Status Flags
int QS_CANT_ADD_JOBS          = 1
int QS_SERVERS_CANT_ATTACH    = 2
int QS_CANT_SERVICE_JOBS      = 4

//Error return codes
int Q_ERROR                   = 208
int NO_QUEUE                  = 209
int NO_Q_SERVER               = 210
int NO_Q_RIGHTS               = 211
int Q_FULL                    = 212
int NO_Q_JOB                  = 213
int NO_JOB_RIGHTS             = 214
int Q_SERVICING                = 215
int STN_NOT_SERVER            = 217
int Q_NOT_ACTIVE              = 216
int Q_HALTED                  = 218
int MAX_Q_SERVERS             = 219
```

1940\$ Print Queue Services Global Constants
 1941# Print_Queue_Services_Global_Constants
 1942² Help Magician footnote: DO NOT EDIT; 0
 1943^K Print Queue Services Global Constants;

\$¹⁹⁴⁴#¹⁹⁴⁵2¹⁹⁴⁶K¹⁹⁴⁷**Print Queue Services Structures**

JOB_STRUCT
STATUS_RECORD

1944\$ Print Queue Services Structures
1945# Print_Queue_Services_Structures
1946² Help Magician footnote: DO NOT EDIT; 0
1947^K Print Queue Services Structures;

\$1948#194921950K1951**JOB_STRUCT**

Reserved	string
ClientStation	long
ClientTaskNumber	long
ClientIDNumber	long
TargetServerIDNumber	long
TargetExecutionTime	string
JobEntryTime	string
JobNumber	long
JobType	integer
JobPosition	integer
JobControlFlags	integer
JobFileName	string
JobFileHandle	string
ServerStation	long
ServerTaskNumber	long
ServerIDNumber	long
TextJobDescription	string
ClientRecordArea	string

1948\$ JOB_STRUCT
1949# JOB_STRUCT
1950² Help Magician footnote: DO NOT EDIT; 0
1951^K JOB_STRUCT;

\$1952#195321954K1955STATUS_RECORD

Record string

1952\$ STATUS_RECORD
1953# STATUS_RECORD
1954² Help Magician footnote: DO NOT EDIT; 0
1955^K STATUS_RECORD;

^{\$1956}#¹⁹⁵⁷2¹⁹⁵⁸+¹⁹⁵⁹K¹⁹⁶⁰**AdvertiseService**

Function Integer AdvertiseService (int ServerType, string ServerName, ref int ServerSocket) Library
"NWIPXSPX.DLL"

¹⁹⁵⁶^{\$} AdvertiseService
¹⁹⁵⁷# AdvertiseService
¹⁹⁵⁸² Help Magician footnote: DO NOT EDIT; 0
¹⁹⁵⁹⁺ Service_Advertising_Protocol:001
¹⁹⁶⁰^K AdvertiseService;

\$¹⁹⁶¹#¹⁹⁶²2¹⁹⁶³⁺1964K¹⁹⁶⁵**QueryServices**

Function Integer QueryServices (int QueryType, int ServerType, int ReturnSize, ref SAP ServiceBuffer)
Library "NWIPXSPX.DLL"

1961\$ QueryServices

1962# QueryServices

1963² Help Magician footnote: DO NOT EDIT; 0

1964⁺ Service_Advertising_Protocol:002

1965^K QueryServices;

\$¹⁹⁶⁶#¹⁹⁶⁷2¹⁹⁶⁸+¹⁹⁶⁹K¹⁹⁷⁰**ShutdownSAP**

Function Integer ShutdownSAP (string ServerName) Library "NWIPXSPX.DLL"

1966\$ ShutdownSAP

1967# ShutdownSAP

1968² Help Magician footnote: DO NOT EDIT; 0

1969⁺ Service_Advertising_Protocol:003

1970^K ShutdownSAP;

\$¹⁹⁷¹#¹⁹⁷²2¹⁹⁷³+¹⁹⁷⁴K¹⁹⁷⁵**Service Advertising Protocol Structures**

SAP

¹⁹⁷¹\$ Service Advertising Protocol Structures
¹⁹⁷²# Service_Advertising_Protocol_Structures
¹⁹⁷³² Help Magician footnote: DO NOT EDIT; 0
¹⁹⁷⁴+ Service_Advertising_Protocol:004
¹⁹⁷⁵^K Service Advertising Protocol Structures;

Header	<u>IPXHeader</u>	
ResponseType	integer	
ServerType	integer	
ServerName	string	
Network	long	
Node	<u>NodeAddress</u>	
Socket	integer	
InterveningNetworks		integer

\$₁₉₈₀#₁₉₈₁2₁₉₈₂+₁₉₈₃K₁₉₈₄**ClearFile**

Function Integer ClearFile (string FileName) Library "NWNETAPI.DLL"

1980\$ ClearFile
1981# ClearFile
1982² Help Magician footnote: DO NOT EDIT; 0
1983⁺ Synchronization_Services:001
1984^K ClearFile;

\$₁₉₈₅#₁₉₈₆2₁₉₈₇+₁₉₈₈K₁₉₈₉**ClearFileSet**

Function Integer ClearFileSet () Library "NWNETAPI.DLL"

1985\$ ClearFileSet
1986# ClearFileSet
1987² Help Magician footnote: DO NOT EDIT; 0
1988⁺ Synchronization_Services:002
1989^K ClearFileSet;

\$₁₉₉₀#₁₉₉₁2₁₉₉₂+₁₉₉₃K₁₉₉₄**ClearLogicalRecord**

Function Integer ClearLogicalRecord (string LogicalRecordName) Library "NWNETAPI.DLL"

1990\$ ClearLogicalRecord
1991# ClearLogicalRecord
1992² Help Magician footnote: DO NOT EDIT; 0
1993⁺ Synchronization_Services:003
1994^K ClearLogicalRecord;

\$₁₉₉₅#₁₉₉₆2₁₉₉₇+₁₉₉₈K₁₉₉₉**ClearLogicalRecordSet**

Function Integer ClearLogicalRecordSet () Library "NWNETAPI.DLL"

1995\$ ClearLogicalRecordSet
1996# ClearLogicalRecordSet
1997² Help Magician footnote: DO NOT EDIT; 0
1998⁺ Synchronization_Services:004
1999^K ClearLogicalRecordSet;

\$2000#200122002+2003K2004**ClearPhysicalRecord**

Function Integer ClearPhysicalRecord (int FileHandle, long RecordStartOffset, long RecordLength)
Library "NWNETAPI.DLL"

2000\$ ClearPhysicalRecord
2001# ClearPhysicalRecord
2002² Help Magician footnote: DO NOT EDIT; 0
2003⁺ Synchronization_Services:005
2004^K ClearPhysicalRecord;

\$²⁰⁰⁵#²⁰⁰⁶2²⁰⁰⁷+²⁰⁰⁸K²⁰⁰⁹**ClearPhysicalRecordSet**

Function Integer ClearPhysicalRecordSet () Library "NWNETAPI.DLL"

2005\$ ClearPhysicalRecordSet
2006# ClearPhysicalRecordSet
2007² Help Magician footnote: DO NOT EDIT; 0
2008⁺ Synchronization_Services:006
2009^K ClearPhysicalRecordSet;

\$²⁰¹⁰#²⁰¹¹2²⁰¹²+²⁰¹³K²⁰¹⁴**CloseSemaphore**

Function Integer CloseSemaphore (long SemaphoreHandle) Library "NWNETAPI.DLL"

2010\$ CloseSemaphore
2011# CloseSemaphore
2012² Help Magician footnote: DO NOT EDIT; 0
2013+ Synchronization_Services:007
2014^K CloseSemaphore;

\$²⁰¹⁵#²⁰¹⁶2²⁰¹⁷+²⁰¹⁸K²⁰¹⁹**ExamineSemaphore**

Function Integer ExamineSemaphore (long SemaphoreHandle&, ref int SemaphoreValue, ref int
OpenCount) Library "NWNETAPI.DLL"

2015\$ ExamineSemaphore
2016# ExamineSemaphore
2017² Help Magician footnote: DO NOT EDIT; 0
2018+ Synchronization_Services:008
2019^K ExamineSemaphore;

\$₂₀₂₀#₂₀₂₁2₂₀₂₂+₂₀₂₃K₂₀₂₄**GetLockMode**

Function Integer GetLockMode () Library "NWNETAPI.DLL"

2020\$ GetLockMode
2021# GetLockMode
2022² Help Magician footnote: DO NOT EDIT; 0
2023⁺ Synchronization_Services:009
2024^K GetLockMode;

\$²⁰²⁵#²⁰²⁶2²⁰²⁷+²⁰²⁸K²⁰²⁹**LockFileSet**

Function Integer LockFileSet (int TimeoutLimit) Library "NWNETAPI.DLL"

2025\$ LockFileSet

2026# LockFileSet

2027² Help Magician footnote: DO NOT EDIT; 0

2028⁺ Synchronization_Services:010

2029^K LockFileSet;

^{\$2030#203122032+2033K2034}**LockLogicalRecordSet**

Function Integer LockLogicalRecordSet (int LockDirective, int TimeoutLimit) Library
"NWNETAPI.DLL"

2030^{\$} LockLogicalRecordSet
2031[#] LockLogicalRecordSet
2032² Help Magician footnote: DO NOT EDIT; 0
2033⁺ Synchronization_Services:011
2034^K LockLogicalRecordSet;

^{\$2035#203622037+2038K2039}**LockPhysicalRecordSet**

Function Integer LockPhysicalRecordSet (int LockDirective, int TimeoutLimit) Library
"NWNETAPI.DLL"

2035^{\$} LockPhysicalRecordSet
2036[#] LockPhysicalRecordSet
2037² Help Magician footnote: DO NOT EDIT; 0
2038⁺ Synchronization_Services:012
2039^K LockPhysicalRecordSet;

\$2040#204122042+2043K2044**LogFile**

Function Integer LogFile (string FileName, int LockDirective, int TimeoutLimit) Library
"NWNETAPI.DLL"

2040\$ LogFile
2041# LogFile
2042² Help Magician footnote: DO NOT EDIT; 0
2043⁺ Synchronization_Services:013
2044^K LogFile;

\$²⁰⁴⁵#²⁰⁴⁶2²⁰⁴⁷+²⁰⁴⁸K²⁰⁴⁹**LogLogicalRecord**

Function LogLogicalRecord (string LogicalRecordName, int LockDirective, int TimeoutLimit) Library
"NWNETAPI.DLL"

2045\$ LogLogicalRecord
2046# LogLogicalRecord
2047² Help Magician footnote: DO NOT EDIT; 0
2048⁺ Synchronization_Services:014
2049^K LogLogicalRecord;

\$2050#205122052+2053K2054**LogPhysicalRecord**

Function Integer LogPhysicalRecord (int FileHandle, long RecordStartOffset, long RecordLength, int LockDirective, int TimeoutLimit) Library "NWNETAPI.DLL"

2050\$ LogPhysicalRecord
2051# LogPhysicalRecord
2052² Help Magician footnote: DO NOT EDIT; 0
2053⁺ Synchronization_Services:015
2054^K LogPhysicalRecord;

\$²⁰⁵⁵#²⁰⁵⁶2²⁰⁵⁷+²⁰⁵⁸K²⁰⁵⁹**OpenSemaphore**

Function Integer OpenSemaphore (string SemaphoreName, int InitialValue, ref long SemaphoreHandle,
ref int OpenCount) Library "NWNETAPI.DLL"

2055\$ OpenSemaphore
2056# OpenSemaphore
2057² Help Magician footnote: DO NOT EDIT; 0
2058⁺ Synchronization_Services:016
2059^K OpenSemaphore;

\$₂₀₆₀#₂₀₆₁2₂₀₆₂+₂₀₆₃K₂₀₆₄**ReleaseFile**

Function Integer ReleaseFile (string FileName) Library "NWNETAPI.DLL"

2060\$ ReleaseFile
2061# ReleaseFile
2062² Help Magician footnote: DO NOT EDIT; 0
2063⁺ Synchronization_Services:017
2064^K ReleaseFile;

\$²⁰⁶⁵#²⁰⁶⁶2²⁰⁶⁷+²⁰⁶⁸K²⁰⁶⁹**ReleaseFileSet**

Function Integer ReleaseFileSet () Library "NWNETAPI.DLL"

²⁰⁶⁵\$ ReleaseFileSet
²⁰⁶⁶# ReleaseFileSet
²⁰⁶⁷² Help Magician footnote: DO NOT EDIT; 0
²⁰⁶⁸⁺ Synchronization_Services:018
²⁰⁶⁹K ReleaseFileSet;

\$²⁰⁷⁰#²⁰⁷¹2²⁰⁷²+²⁰⁷³K²⁰⁷⁴**ReleaseLogicalRecord**

Function Integer ReleaseLogicalRecord (string LogicalRecordName) Library "NWNETAPI.DLL"

²⁰⁷⁰\$ ReleaseLogicalRecord
²⁰⁷¹# ReleaseLogicalRecord
²⁰⁷²² Help Magician footnote: DO NOT EDIT; 0
²⁰⁷³⁺ Synchronization_Services:019
²⁰⁷⁴^K ReleaseLogicalRecord;

\$²⁰⁷⁵#²⁰⁷⁶2²⁰⁷⁷+²⁰⁷⁸K²⁰⁷⁹**ReleaseLogicalRecordSet**

Function Integer ReleaseLogicalRecordSet () Library "NWNETAPI.DLL"

²⁰⁷⁵\$ ReleaseLogicalRecordSet
²⁰⁷⁶# ReleaseLogicalRecordSet
²⁰⁷⁷² Help Magician footnote: DO NOT EDIT; 0
²⁰⁷⁸⁺ Synchronization_Services:020
²⁰⁷⁹K ReleaseLogicalRecordSet;

\$2080#208122082+2083K2084**ReleasePhysicalRecord**

Function Integer ReleasePhysicalRecord (int FileHandle, long RecordStartOffset, long RecordLength)
Library "NWNETAPI.DLL"

2080\$ ReleasePhysicalRecord
2081# ReleasePhysicalRecord
2082² Help Magician footnote: DO NOT EDIT; 0
2083⁺ Synchronization_Services:021
2084^K ReleasePhysicalRecord;

\$2085#208622087+2088K2089**ReleasePhysicalRecordSet**

Function Integer ReleasePhysicalRecordSet () Library "NWNETAPI.DLL"

2085\$ ReleasePhysicalRecordSet
2086# ReleasePhysicalRecordSet
2087² Help Magician footnote: DO NOT EDIT; 0
2088⁺ Synchronization_Services:022
2089^K ReleasePhysicalRecordSet;

\$²⁰⁹⁰#²⁰⁹¹2²⁰⁹²+²⁰⁹³K²⁰⁹⁴**SetLockMode**

Function Integer SetLockMode (int LockMode) Library "NWNETAPI.DLL"

2090\$ SetLockMode
2091# SetLockMode
2092² Help Magician footnote: DO NOT EDIT; 0
2093⁺ Synchronization_Services:023
2094^K SetLockMode;

\$²⁰⁹⁵#²⁰⁹⁶2²⁰⁹⁷+²⁰⁹⁸K²⁰⁹⁹**SignalSemaphore**

Function Integer SignalSemaphore (long SemaphoreHandle) Library "NWNETAPI.DLL"

²⁰⁹⁵\$ SignalSemaphore
²⁰⁹⁶# SignalSemaphore
²⁰⁹⁷² Help Magician footnote: DO NOT EDIT; 0
²⁰⁹⁸⁺ Synchronization_Services:024
²⁰⁹⁹K SignalSemaphore;

\$²¹⁰⁰#²¹⁰¹2²¹⁰²+²¹⁰³K²¹⁰⁴**WaitOnSemaphore**

Function Integer WaitOnSemaphore (long SemaphoreHandle, int TimeoutLimit) Library
"NWNETAPI.DLL"

2100\$ WaitOnSemaphore
2101# WaitOnSemaphore
2102² Help Magician footnote: DO NOT EDIT; 0
2103+ Synchronization_Services:025
2104^K WaitOnSemaphore;

\$₂₁₀₅#₂₁₀₆2₂₁₀₇+₂₁₀₈K₂₁₀₉**TTSAbortTransaction**

Function Integer TTSAbortTransaction () Library "NWNETAPI.DLL"

2105\$ TTSAbortTransaction
2106# TTSAbortTransaction
2107² Help Magician footnote: DO NOT EDIT; 0
2108⁺ Transaction_Tracking_Services:001
2109^K TTSAbortTransaction;

\$²¹¹⁰#²¹¹¹2²¹¹²+²¹¹³K²¹¹⁴**TTSBeginTransaction**

Function Integer TTSBeginTransaction () Library "NWNETAPI.DLL"

2110\$ TTSBeginTransaction
2111# TTSBeginTransaction
2112² Help Magician footnote: DO NOT EDIT; 0
2113⁺ Transaction_Tracking_Services:002
2114^K TTSBeginTransaction;

\$²¹¹⁵#²¹¹⁶2²¹¹⁷+²¹¹⁸K²¹¹⁹**TTSEndTransaction**

Function Integer TTSEndTransaction (ref long TransactionNumber) Library "NWNETAPI.DLL"

2115\$ TTSEndTransaction
2116# TTSEndTransaction
2117² Help Magician footnote: DO NOT EDIT; 0
2118⁺ Transaction_Tracking_Services:003
2119^K TTSEndTransaction;

\$₂₁₂₀#₂₁₂₁2₂₁₂₂+₂₁₂₃K₂₁₂₄**TTSGetApplicationThresholds**

Function Integer TTSGetApplicationThresholds (ref int LogicalRecordLockThreshold, ref int PhysicalRecordLockThreshold) Library "NWNETAPI.DLL"

2120\$ TTSGetApplicationThresholds
2121# TTSGetApplicationThresholds
2122² Help Magician footnote: DO NOT EDIT; 0
2123⁺ Transaction_Tracking_Services:004
2124^K TTSGetApplicationThresholds;

\$²¹²⁵#²¹²⁶2²¹²⁷+²¹²⁸K²¹²⁹**TTSGetStats**

Function Integer TTSGetStats (int ConnectionID, ref int LastTask, int StructSize, ref TTS_STATS
TTStats) Library "NWNETAPI.DLL"

//2.x only

2125\$ TTSGetStats

2126# TTSGetStats

2127² Help Magician footnote: DO NOT EDIT; 0

2128⁺ Transaction_Tracking_Services:005

2129^K TTSGetStats;

\$²¹³⁰#²¹³¹2²¹³²+²¹³³K²¹³⁴**TTSGetWorkstationThresholds**

Function Integer TTSGetWorkstationThresholds (ref int LogicalRecordLockThreshold, ref int PhysicalRecordLockThreshold) Library "NWNETAPI.DLL"

2130\$ TTSGetWorkstationThresholds
2131# TTSGetWorkstationThresholds
2132² Help Magician footnote: DO NOT EDIT; 0
2133+ Transaction_Tracking_Services:006
2134^K TTSGetWorkstationThresholds;

\$₂₁₃₅#₂₁₃₆2₂₁₃₇+₂₁₃₈K₂₁₃₉**TTSIsAvailable**

Function Integer TTSIsAvailable () Library "NWNETAPI.DLL"

2135\$ TTSIsAvailable
2136# TTSIsAvailable
2137² Help Magician footnote: DO NOT EDIT; 0
2138⁺ Transaction_Tracking_Services:007
2139^K TTSIsAvailable;

\$²¹⁴⁰#²¹⁴¹2²¹⁴²+²¹⁴³K²¹⁴⁴**TTSSetApplicationThresholds**

Function TTSSetApplicationThresholds (ref int LogicalRecordLockThreshold , int
PhysicalRecordLockThreshold) Library "NWNETAPI.DLL"

2140\$ TTSSetApplicationThresholds
2141# TTSSetApplicationThresholds
2142² Help Magician footnote: DO NOT EDIT; 0
2143+ Transaction_Tracking_Services:008
2144^K TTSSetApplicationThresholds;

\$²¹⁴⁵#²¹⁴⁶2²¹⁴⁷+²¹⁴⁸K²¹⁴⁹**TTSSetWorkstationThresholds**

Function Integer TTSSetWorkstationThresholds (int LogicalRecordLockThreshold, int PhysicalRecordLockThreshold) Library "NWNETAPI.DLL"

2145\$ TTSSetWorkstationThresholds
2146# TTSSetWorkstationThresholds
2147² Help Magician footnote: DO NOT EDIT; 0
2148⁺ Transaction_Tracking_Services:009
2149^K TTSSetWorkstationThresholds;

\$²¹⁵⁰#²¹⁵¹2²¹⁵²+²¹⁵³K²¹⁵⁴**TTSTransactionStatus**

Function TTSTransactionStatus (long TransactionNumber) Library "NWNETAPI.DLL"

²¹⁵⁰\$ TTSTransactionStatus
²¹⁵¹# TTSTransactionStatus
²¹⁵²² Help Magician footnote: DO NOT EDIT; 0
²¹⁵³⁺ Transaction_Tracking_Services:010
²¹⁵⁴^K TTSTransactionStatus;

\$²¹⁵⁵#²¹⁵⁶2²¹⁵⁷+²¹⁵⁸K²¹⁵⁹**Transaction Tracking Services Structures**

TTS_STATS

2155\$ Transaction Tracking Services Structures
2156# Transaction_Tracking_Services_Structures
2157² Help Magician footnote: DO NOT EDIT; 0
2158+ Transaction_Tracking_Services:011
2159K Transaction Tracking Services Structures;

\$2160#216122162K2163TTS_STATS

SystemElapsedTime	long	
TTSSupported	string	
TTSEnabled	string	
TTSVolumeNumber		integer
TTSMaxOpenTransactions	integer	
TTSMaxTransactionsOpened	integer	
TTSCurrTransactionsOpened	integer	
TSTotalTransactions	long	
TSTotalWrites	long	
TSTotalBackouts	long	
TTSUnfilledBackouts	integer	
TTSDiskBlocksInUse	integer	
TTSFATALlocations	long	
TTSFileSizeChanges	long	
TTSFilesTruncated	long	
NumberOfTransactions	string	
ConnectionNumber	string	
TaskNumber	string	

2160\$ TTS_STATS
2161# TTS_STATS
2162² Help Magician footnote: DO NOT EDIT; 0
2163^K TTS_STATS;

\$2164#216522166+2167K2168**EndOfJob**

Function EndOfJob () Library "NWNETAPI.DLL"

2164\$ EndOfJob

2165# EndOfJob

2166² Help Magician footnote: DO NOT EDIT; 0

2167⁺ Workstation_Environmental_Services:001

2168^K EndOfJob;

\$²¹⁶⁹#²¹⁷⁰2²¹⁷¹+²¹⁷²K²¹⁷³**GetConnectionID**

Function Integer GetConnectionID (string FileName, ref int ConnectionID) Library
"NWNETAPI.DLL"

2169\$ GetConnectionID
2170# GetConnectionID
2171² Help Magician footnote: DO NOT EDIT; 0
2172+ Workstation_Environmental_Services:002
2173K GetConnectionID;

\$²¹⁷⁴#²¹⁷⁵²₂₁₇₆+²¹⁷⁷K²¹⁷⁸GetDefaultConnectionID

Function Integer GetDefaultConnectionID () Library "NWNETAPI.DLL"

²¹⁷⁴\$ GetDefaultConnectionID
²¹⁷⁵# GetDefaultConnectionID
²¹⁷⁶² Help Magician footnote: DO NOT EDIT; 0
²¹⁷⁷⁺ Workstation_Environmental_Services:003
²¹⁷⁸K GetDefaultConnectionID;

\$²¹⁷⁹#²¹⁸⁰2²¹⁸¹+²¹⁸²K²¹⁸³**GetNetWareShellVersion**

Function Integer GetNetWareShellVersion (ref int MajorVersion, ref int MinorVersion, ref int RevisionLevel) Library "NWNETAPI.DLL"

2179\$ GetNetWareShellVersion
2180# GetNetWareShellVersion
2181² Help Magician footnote: DO NOT EDIT; 0
2182+ Workstation_Environmental_Services:004
2183K GetNetWareShellVersion;

\$²¹⁸⁴#²¹⁸⁵²¹⁸⁶+²¹⁸⁷K²¹⁸⁸ **GetNumberOfLocalDrives**

Function Integer GetNumberOfLocalDrives () Library "NWNETAPI.DLL"

²¹⁸⁴\$ GetNumberOfLocalDrives
²¹⁸⁵# GetNumberOfLocalDrives
²¹⁸⁶² Help Magician footnote: DO NOT EDIT; 0
²¹⁸⁷⁺ Workstation_Environmental_Services:005
²¹⁸⁸K GetNumberOfLocalDrives;

\$²¹⁸⁹#²¹⁹⁰2²¹⁹¹+²¹⁹²K²¹⁹³**GetPreferredConnectionID**

Function Integer GetPreferredConnectionID () Library "NWNETAPI.DLL"

²¹⁸⁹\$ GetPreferredConnectionID
²¹⁹⁰# GetPreferredConnectionID
²¹⁹¹² Help Magician footnote: DO NOT EDIT; 0
²¹⁹²⁺ Workstation_Environmental_Services:006
²¹⁹³K GetPreferredConnectionID;

\$2194#219522196+2197K2198**GetPrimaryConnectionID**

Function Integer GetPrimaryConnectionID () Library "NWNETAPI.DLL"

2194\$ GetPrimaryConnectionID
2195# GetPrimaryConnectionID
2196² Help Magician footnote: DO NOT EDIT; 0
2197⁺ Workstation_Environmental_Services:007
2198^K GetPrimaryConnectionID;

\$²¹⁹⁹#²²⁰⁰²²⁰¹+²²⁰²K²²⁰³**GetWorkstationEnvironment**

Subroutine GetWorkstationEnvironment (ref [Any] OperatingSystemType, ref [Any]
OperatingSystemVersion, ref string HardwareType, [Any] ShortHardWareType) Library
"NWNETAPI.DLL"

//get max length of strings

²¹⁹⁹\$ GetWorkstationEnvironment
²²⁰⁰# GetWorkstationEnvironment
²²⁰¹² Help Magician footnote: DO NOT EDIT; 0
²²⁰²⁺ Workstation_Environmental_Services:008
²²⁰³K GetWorkstationEnvironment;

\$2204#22052206+2207K2208**IsConnectionIDInUse**

Function Integer IsConnectionIDInUse (int ConnectionID) Library "NWNETAPI.DLL"

2204\$ IsConnectionIDInUse
2205# IsConnectionIDInUse
2206² Help Magician footnote: DO NOT EDIT; 0
2207⁺ Workstation_Environmental_Services:009
2208^K IsConnectionIDInUse;

\$²²⁰⁹#²²¹⁰²²¹¹+²²¹²K²²¹³**SetEndOfJobStatus**

Function Integer SetEndOfJobStatus (int EndOfJobFlag) Library "NWNETAPI.DLL"

²²⁰⁹\$ SetEndOfJobStatus
²²¹⁰# SetEndOfJobStatus
²²¹¹² Help Magician footnote: DO NOT EDIT; 0
²²¹²⁺ Workstation_Environmental_Services:010
²²¹³K SetEndOfJobStatus;

\$²²¹⁴#²²¹⁵\$²²¹⁶+²²¹⁷K²²¹⁸**SetNetWareErrorMode**

Function Integer SetNetWareErrorMode (int ErrorMode) Library "NWNETAPI.DLL"

²²¹⁴\$ SetNetWareErrorMode
²²¹⁵# SetNetWareErrorMode
²²¹⁶² Help Magician footnote: DO NOT EDIT; 0
²²¹⁷⁺ Workstation_Environmental_Services:011
²²¹⁸^K SetNetWareErrorMode;

\$2219#22202221+2222K2223**SetPreferredConnectionID**

Subroutine SetPreferredConnectionID (int ConnectionID) Library "NWNETAPI.DLL"

2219\$ SetPreferredConnectionID
2220# SetPreferredConnectionID
2221² Help Magician footnote: DO NOT EDIT; 0
2222⁺ Workstation_Environmental_Services:012
2223^K SetPreferredConnectionID;

\$2224#22252226+2227K2228**SetPrimaryConnectionID**

Function Integer SetPrimaryConnectionID (int PrimaryConnectionID) Library "NWNETAPI.DLL"

2224\$ SetPrimaryConnectionID
2225# SetPrimaryConnectionID
2226² Help Magician footnote: DO NOT EDIT; 0
2227⁺ Workstation_Environmental_Services:013
2228^K SetPrimaryConnectionID;

\$2229#22302231+2232K2233**Copyright Notice**

NetWare Interface for Visual Basic (NIVB)
Version 1.0
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NIVB is based on the NetWare C Interface for Windows Software Development Kit (SDK), version 1.3 of the NetWare DLLs. The DLLs can be downloaded from Compuserve's NOVFILES forum (WINUP7.ZIP). They are also included with an example program (NWTEST.ZIP) that illustrates how to use NIVB. NWTEST can be downloaded from NOVLIB.

NIVB supports all NetWare API functions except IPX/SPX.

The SDK is available through Novell's Professional Developer's Program (PDP). For information on becoming a member of the PDP and obtaining Novell SDKs, call 1-800-RED-WORD (800-733-9673) or 512-794-1796. The SDK includes documentation for the APIs in the Windows DLLs, so to program to NIVB, you will need the SDK.

NIVB is not supported through Novell's regular Technical Support channels. It is mostly untested, and therefore Novell makes no warranty of its merchantability or fitness for any purpose.

NIVB was developed by Novell's Systems Research Department, publishers of NetWare Application Notes. An Application Note on NIVB will be published in the July 1993 issue. Also, look for an extensive example program (called NWTEST) that illustrates how to use the interface.

Barring unforeseen circumstances, Systems Research will (someday real soon) publish a version of NIVB based on the NetWare 4.0 Client SDK, with support for NetWare 4.0 and NetWare Directory Services (NDS).

The Systems Research Department welcomes feedback and questions on NIVB. Please contact:

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What then can we say about these things? If God is for us, who can be against us? He did not withhold his own Son, but gave Him up for all of us, will He not with Him also give us everything else? Who will bring any charge against God's elect? It is God who justifies. Who is to condemn? It is Christ Jesus, who dies, yes, who was raised, who is at the right hand of God, who indeed intercedes for us. Who will separate us from the love of Christ? Will hardship, or distress, or persecution, or famine, or nakedness, or peril, or sword? As it is written, 'For your sake we are being killed all day long; we are accounted as sheep to be slaughtered.' No in all these things we are more than conquerors through Him who loved us. For I am convinced that neither death, nor life, nor angels, nor rulers, nor things present, nor things to come, nor powers, nor height, nor depth, nor anything else in all creation, will be able to separate us from the love of God in Christ Jesus our Lord. (Romans 8:31-39, NRSV)

For by grace you have been saved through faith, and this is not your own doing; it is the gift of God -- not the result of works, so that no one may boast. For we are what He has made us, created in Christ Jesus for good works, which God prepared beforehand to be our way of life. (Ephesians 2:8-10, NRSV)

Now to Him who by the power at work within us is able to accomplish abundantly far more than all we can ask or imagine, to Him be glory in the church and in Christ Jesus to all generations, forever and ever. Amen. (Ephesians 3:20-21, NRSV)