

Sample Autoexec.ncf

```
set Bindery Context = OU=Training.O=3WsCertification
SET Daylight Savings Time Offset = 1:00:00
SET Start Of Daylight Savings Time = (APRIL SUNDAY FIRST 2:00:00 AM)
SET End Of Daylight Savings Time = (OCTOBER SUNDAY LAST 2:00:00 AM)
SET Time Zone = EST5EDT
# Note: The time zone information mentioned above
# should always precede the server name.
SEARCH ADD SYS:\JAVA\BIN
SEARCH ADD SYS:\JAVA\NWGFX\BIN
SEARCH ADD SYS:\JAVA\NJCLV2\BIN
# WARNING!
FILE SERVER NAME FS1
# WARNING!
# If you change the name of this server, you must update
# the server name in all the licenses that are assigned
# to it using iManager.
SERVERID 11111111
LOAD IPXSPX
LOAD IPXRTR
LOAD PCNTNW.LAN PCI SLOT=3 MASTER=NO RXEARLY=NO FRAME=ETHERNET_802.2
[ic:ccc]NAME=PCNTNW_1_E82
BIND IPX PCNTNW_1_E82 NET=2
LOAD IPXRTRNM
LOAD CONLOG MAXIMUM=100
LOAD TCPIP
LOAD PCNTNW.LAN PCI SLOT=3 FRAME=ETHERNET_II NAME=PCNTNW_1_EII
BIND IP PCNTNW_1_EII addr=10.0.0.11 mask=255.0.0.0 gate=10.0.0.125
MOUNT ALL
IPMINIT.NCF
SYS:\SYSTEM\NMA\NMA5.NCF
BSTART.NCF
load nile.nlm
load httpstk.nlm /SSL /keyfile:"SSL CertificateIP"
LOAD PORTAL.NLM
LOAD NDSIMON.NLM
LOAD NICISDI.XLM
LOAD SASDFM.XLM
# -- Added by AFP Install --
AFPSTRT.NCF
# -- End of AFP Install --
# -- Added by CIFS Install --
CIFSSTRT.NCF
# -- End of CIFS Install --
LOAD PKI.NLM
LOAD NLDAP.NLM
# -- Added by Scripting Install --
SCRIPT.NCF
SEARCH ADD SYS:\APACHE2
#ACCESS TO XTIER SOFTWARE
SEARCH ADD SYS:\XTIER
LOAD NCPL
```

```

AP2WEBUP
#Apache2 is now the admin server
ADMSRVUP
# tc4admin begin
load perl.nlm
SEARCH ADD SYS:/tomcat/4/bin
tcadmup.ncf
# tc4admin end
# tomcat4 begin
sys:/tomcat/4/bin/tomcat4.ncf
# tomcat4 end
# Storage Management Services components required for Backup
SMSSTART.NCF
#---Added by Native File Access For Unix---
nfsstart
#---Added by Native File Access For Unix END---
# Uncomment the following line after creating DNS Server Object
# LOAD NAMED.NLM
# Uncomment the following line after creating DHCP Server Object
# LOAD DHCP SRVR.NLM
LOAD EMBOX.NLM
#RCONAG6.NLM is required by RConsoleJ
#LOAD RCONAG6 <Your Password Here> 2034 16800 2036
?STARTX
Rem End of Autoexec.ncf

```

Explanation:

IPX/SPX and TCP/IP are configured in this AUTOEXEC.NCF file. If you only configure TCP/IP during the server installation you will not see the SERVERID or IPX parameters in the AUTOEXEC.NCF file. Novell requires TCP/IP on a NetWare 6.5 server. IPX/SPX is not required. However because of application requirements or backward compatibility issues, some of you will want to configure IPX/SPX after your server is up and running. There are two ways to accomplish this: Novell's way and a very easy way.

Novell's way to configure IPX/SPX on a running NetWare 6.5 server requires you to use the INETCFG.NLM. Simply work your way through the Boards, Protocols, and Bindings menu options to configure IPX/SPX. The problem with using the INETCFG.NLM is that your LAN configurations are moved to the INITSYS.NCF. You can no longer configure your LAN parameters in AUTOEXEC.NCF file.

If you want to configure IPX/SPX on your NetWare 6.5 server and still use the AUTOEXEC.NCF file all you have to do is add a few lines of code to

it. Using the sample AUTOEXEC.NCF file that you just looked at, the lines that configure IPX/SPX are the following:

```
SERVERID 11111111

LOAD IPXSPX

LOAD IPXRTR

LOAD PCNTNW.LAN PCI SLOT=3 MASTER=NO RXEARLY=NO
FRAME=ETHERNET_802.2

[ic:ccc]NAME=PCNTNW_1_E82

BIND IPX PCNTNW_1_E82 NET=2

LOAD IPXRTRNM
```

The SERVERID parameter is not autogenerated in this case. You can configure it with an eight digit hexadecimal number of your choosing. The SERVERID of 11111111 is strictly provided as an example. I use it only in classroom settings. If you are using registered IPX internal network numbers on your network, you would configure the SERVERID parameter with a registered hexadecimal number.

If you configure IPX/SPX using this sample code make sure you enter the LAN driver that corresponds to your network adapter, and using a REM statement in the AUTOEXEC.NCF file, document what this code does, in case you forget. For example, on the line before the SERVERID parameter is configured you might add the following REM statement.

```
REM The following section configures IPX/SPX.
```