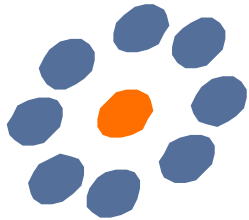




NET INTEGRATION TECHNOLOGIES INC.



nitix

Quick Start Guide





Step I CHECKING YOUR NITIX OS COMPONENTS

Your Nitix package should contain the following:

1. Nitix server operating system CD
2. Nitix User Manual (CD)
3. Nitix Compatibility and Diagnostics User Manual
4. Nitix Quick Start Guide



Step 2

CHECKING THE SETUP OF YOUR HARDWARE PLATFORM

Note: It is highly recommended that you run the Compatibility Test included with the Nitix CD before proceeding with the Nitix OS installation.

System Requirements:

Configure the system as desired to run the Nitix server operating system (OS).

To successfully run the Nitix OS, the following must be satisfied:

Minimum Server Requirements:

- x86-based system
- at least one IDE and/or SCSI hard disk
- at least one Network Interface Card
- IDE or SCSI CD-ROM drive
- VGA-based video card

Required External Peripherals:

- monitor
- keyboard

System Configuration:

IMPORTANT: For installation, the system must boot from the CD-ROM. This can be accomplished through the boot settings in the motherboard's BIOS. Nitix will install onto the hard disks after they have been configured through the WebConfig menu. For First time disk configuration, **do not** use the "Disk Install" option on the Console menu. For more information on configuring your hard disks, see *Chapter 26: Disk Management*.

IMPORTANT: Configuration will be lost when you reboot if you are running Nitix from the CD-ROM without configured hard disks.

Changing/Verifying BIOS Settings:

- A** Turn on the system power and monitor.
- B** On the initial boot up screen, there may be a message that indicates how to access the BIOS. Typically, a message similar to "Press DEL to enter setup" is displayed.

Please note: Sometimes F2 or another key is used, or no message is displayed. See your main-board's user manual for details on how to do this.
- C** In the BIOS, set the CD-ROM drive as the first boot device. See your system or main-board's user manual for further details.
- D** Save the BIOS settings, exit the BIOS and power down the system.



Step 3

CONNECTING YOUR NITIX SYSTEM

Note: It is highly recommended that you run the Compatibility Test included with the Nitix Compatibility and Diagnostics CD before proceeding with the Nitix OS installation.

When setting up Nitix on third-party hardware, please refer to the vendor's documentation for product overview and installation instructions.

Setting up your System

Please Note: These are general guidelines.

- A** **Connect the power cord.**
- B** **Connect your LAN connection to the Ethernet port 0 on the server. Connect the other end of the cable into your LAN hub or switch.**

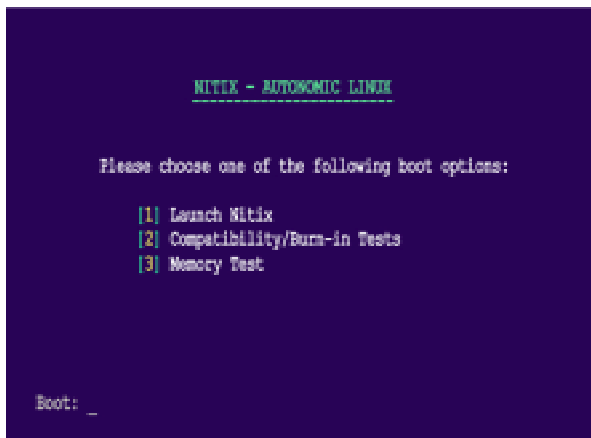
Please note: If you have additional Ethernet ports to connect to the Internet or to other segments of your LAN, connect them now.

- C** **Connect a monitor and keyboard to the appropriate connectors on the server.**



Step 4 CONFIGURING YOUR SYSTEM

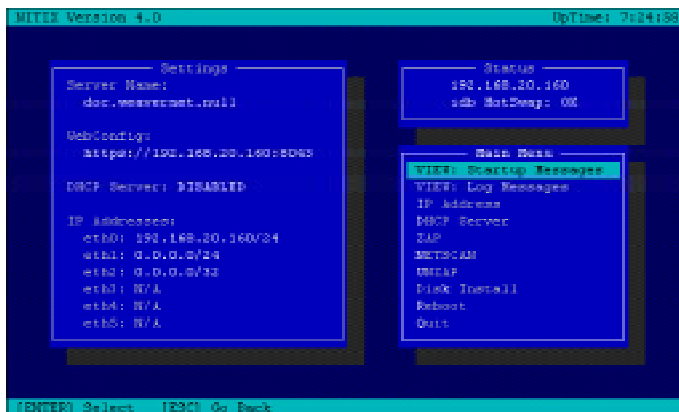
- A** Turn on the main power switch.
- B** When the system boots, the Nitix boot screen will display:



To load Nitix, select option #1 *Launch Nitix* by typing 1 then pressing <Enter>.

Please Note: If you do not select an option, the Nitix OS will automatically load after 10 seconds.

- C** When the Nitix operating system has finished loading, the following prompt will appear on your monitor: *Press ENTER for a shell....*
- D** Press <Enter>. A Configuration screen similar to the following will appear:



Please Note: A red warning box may appear advising you to set up your server using Nitix's web-based configuration screen. Press <Enter> to continue.



Step 4

CONFIGURING YOUR SYSTEM

E Take note of the display's *Settings* and *Status* boxes. These display various information about the server.

F Take note of the IP address shown in the *Status* box. This is the LAN IP address of the server.

Please Note: You will need this IP address to connect to finish the configuration of your server.

Please Note: In the event that the server is unable to detect an appropriate IP address for your LAN, you will have to manually set the IP address for the server. Refer to *Step 4b: Manually Setting the IP Address*.

G You are ready to proceed with *Step 5: Configuring Your Desktop* when an IP address appears in the console's *Status* box.



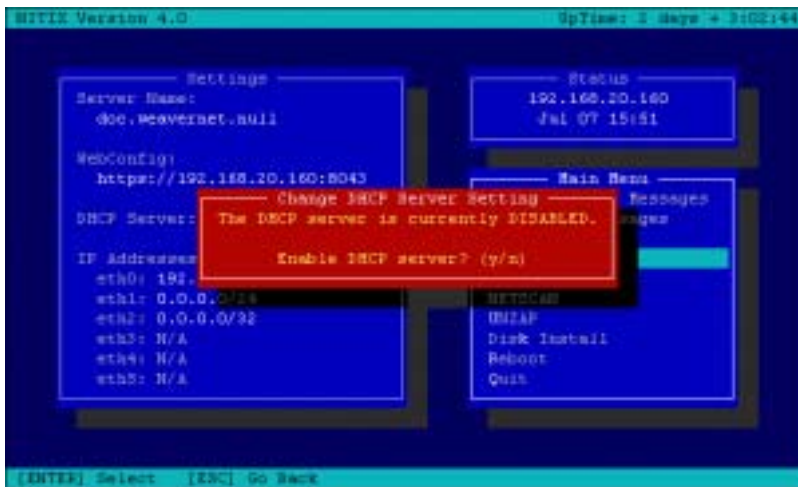
Step 4b

MANUALLY SETTING THE IP ADDRESS

Note: Skip this step if Nitix automatically selected an IP address for you, and the address is acceptable.

Follow these steps if your Nitix-powered server is unable to automatically select an IP address (the console's *Status* box continues to read *Choosing Address*) or if you want to change the chosen address:

- A** Select *IP Address* from the *Main Menu* box on the *Configuration Screen* (see screen shot in Step 4).
- B** You will be prompted to enter a new IP address. Enter the new IP address and press <Enter>.



- C** Confirm the new IP address by pressing <Y>.
- D** You can turn on or off the DHCP server (which automatically assigns IP addresses to the workstations connected to your local network). Unless you have some other server providing DHCP services, it is recommended that you turn DHCP on. To turn DHCP on, select *DHCP server* from the *Main Menu* on the *Configuration Screen* - if it says, “*The DHCP server is currently DISABLED*”, then press <Y> to enable the DHCP server. The DHCP server is now on.



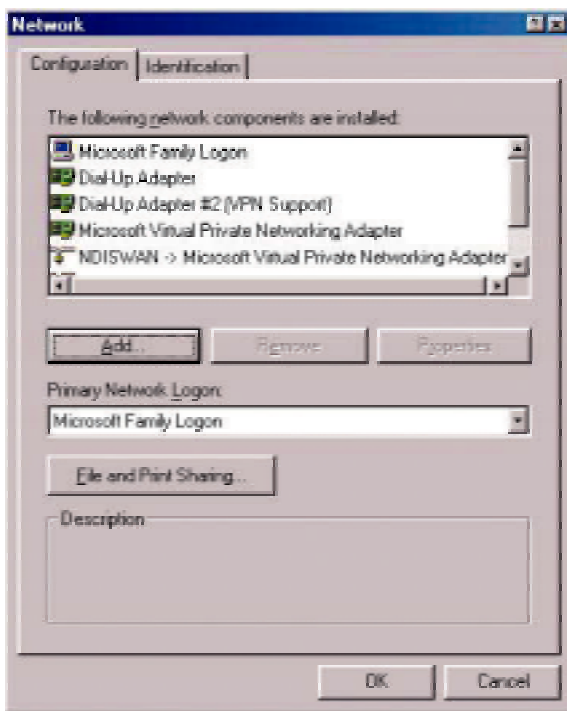
Step 5

CONFIGURING YOUR DESKTOP

Note: Desktop displays may vary according to Windows version and operating system.

A In Windows (on your workstation), select **Start > Settings > Control Panel**.

B Select **Network** from the list. The **Network** screen displays:



C If **TCP/IP** does not display in the installed components list:

- Click on the **Add** button. The **Select Network Component Type** screen displays.
- Select **Protocol** from the list. Click on the **Add** button. The **Select Network Protocol** screen displays.

- Select **Microsoft** in the **Manufacturers** section of the screen. Select **TCP/IP** in the **Network Protocols** section of the screen. Click on the **OK** button. TCP/IP should now display on the **Network** screen.

D Select **TCP/IP** from the installed components list on the **Network** screen. Click on the **Properties** button. The **TCP/IP Properties** screen displays.

E Click on the **IP Address** tab. Select **Obtain an IP address automatically**.

F To configure **DNS** settings:

- Click on the **DNS** tab. Select **Enable DNS**.
- Select all entries in the **DNS Server Search Order** section of the screen and click on the **Remove** button.
- Select all entries in the **Domain Suffix Search Order** section of the screen and click on the **Remove** button.
- Select **Disable DNS**.

G Click on the **Gateway** tab. Select any entries in the **Installed gateways** section of the screen and click on the **Remove** button.

H Click on the **WINS Configuration** tab. Select all entries in the **WINS Server Search Order** section of the screen and click on the **Remove** button. Select **Use DHCP for WINS Resolution**.

I Click on the **OK** button.

J Reboot your computer.



Step 6

CONNECTING TO WEBCONFIG

A Open an Internet browser on your workstation. Newer versions of Netscape or Microsoft browsers are recommended.

B Read the IP address from the *Status* box on the Configuration screen on the console. For demonstration purposes, we will use the following IP address: *192.168.0.1*

C Type `https://192.168.0.1:8043` into the browser's address bar. Press *Enter* on your keyboard. The *Create Administrator Account* page displays:

Create Administrator Account

Before you can use your server, you must create an Administrator Account for yourself. Don't forget your password!

Create Administrator	
User ID:	root
Full Name:	System Administrator
Password:	
Re-enter Password:	
Your Domain Name:	weaver.net.nitix
Activation Key: (leave blank to continue in trial mode)	
<input type="button" value="SAVE CHANGES"/> <input type="button" value="CANCEL CHANGES"/>	

D Type in the following information:

- a User ID. The default User ID is *root* - you can use this name or you can create a new User ID by typing over the existing text.
- the administrator's full name.
- a password. Retype the password to ensure it was typed properly.

- your organization's registered Internet domain name (e.g. *example.com*). If you do not have a registered domain name, leave the default domain name.

- your Software Activation Key.

E Click on the *Save Changes* button. This will take you directly to Nitix's main WebConfig screen:

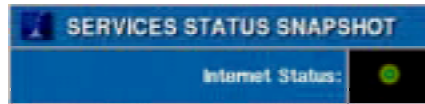
SYSTEM STATUS SNAPSHOT		
CPU Utilization:	2%	100% 100%
Memory:	0.0 MB/1024 MB	100% 100%
Element 1:	File System - check status	100% 100%
Element 2:	File System - check status	100% 100%
FTP Local:	0.0 MB/1024 MB	100% 100%
Disk Local:	0.0 MB/1024 MB	100% 100%
Disk Space Used:	100 MB / 1024 MB (10%)	100% 100%

SERVICES STATUS SNAPSHOT		
System Status:	1.4.0 (R1.0.100-480) (R1.0.100.213)	
Firewall:	Firewall disabled (disabled)	
Forward Mgmt:	Not enabled	
IPsec Connection:	Not enabled	
FTP Connection:	Not enabled	
WebServer:	Not enabled	
Disk Status:	The primary (hd0) disk (0) is in read-only mode. If you receive the disk, you will have access to your files. Check the disk status for further information. (Update Status)	
Backup Status:	None of the disk status (0) is in the backup. The most backup is scheduled to be done in 30 minutes.	
Queue Status:	There are some error logs. Please check the Queue Setup page for more details.	
Power Authentication Method:	Using normal password authentication. If it is not successful, you can use the default.	
Web Mail:	Available at https://192.168.0.1:8043/mail	
System Definition Update:	System Definition updated 1 hour 21 minutes ago. You are protected against R1.0.100.213. Since the last update, 0 errors have been detected in your system. Additional updates you are protected against R1.0.100.213.	
Darklight Server:	1 Instance(s) (single) (1) (1) (1)	
DNS Server:	Service (local) (local) only	
File Download:	1 Disabled CPU Load: 100% 100%	
FTP Server:	1 Disabled CPU Load: 100% 100%	
Secure WWW Server:	1 Disabled CPU Load: 100% 100%	
Windows File Server:	Not enabled CPU Load: 100% 100%	
Apple File Server:	Not enabled CPU Load: 100% 100%	
NFS File Server:	Not enabled CPU Load: 100% 100%	
FTP Server:	1 Disabled CPU Load: 100% 100%	
MySQL Server:	1 Disabled CPU Load: 100% 100%	
SMTP Server:	1 Disabled CPU Load: 100% 100%	
SMTP Mail Server:	1 Disabled CPU Load: 100% 100%	
POP Mail Server:	1 Disabled CPU Load: 100% 100%	
IMAP Directory Server:	1 Disabled CPU Load: 100% 100%	

Important: Some Nitix services will not be enabled unless hard disks are configured through the WebConfig menu. For first time disk configuration, do not use the "Disk Install" option on the console menu. For more information on configuring your hard disks, see the chapter on Disk Management in the Nitix user manual.



Step 7 CONFIGURING YOUR INTERNET CONNECTION



If the *Internet Status* option on the *System Status* page has a green light, you do not have to perform these steps.

I. CABLE MODEM or DSL MODEM (not requiring PPPoE protocol)

If your cable modem or DSL modem does not configure automatically (i.e. the *Internet Status* option does not have a green light), refer to *Advanced Network Settings* in Chapter 4 of the Nitix User Manual for information on how to set up an IP address and default gateway using data provided by your Internet Service Provider (ISP).

II. LEASED LINE CONNECTION

Please refer to *Configuring a Leased Line Connection* in Chapter 4 of the Nitix User Manual for full instructions.

III. DSL MODEM (requiring PPPoE protocol)

- A** From the *Network Setup* menu on the *System Status* page, select *Dial-up*.
- B** The *Dial-up Networking Setup* page displays. Click on the appropriate *ADSL Action* button.
- C** On the screen that displays:
 - i. type in your account user name (provided by your ISP).
 - ii. type in your account password. Retype this password to ensure it was typed properly.
 - iii. select Yes to enable the DSL connection.
- D** Click the *Save Changes* button.

For further details on using Nitix, please consult your Nitix User Manual.



Net Integration Technical Support

If you need technical support, please contact your Nitix reseller.

Authorized resellers may contact the toll-free Reseller Technical Support Line:

1-86-NETITECH (1-866-384-8324)

Outside of North America call: 1-905-946-1777

Email support questions to: support@nitix.com

Hours of operation: Live technical support staff are available (24/5) from 12 a.m. EST Monday (midnight Sunday) to 4 a.m. ET Saturday, and a Call Coordinator is available from 8:30 a.m. to 5:30 p.m. EST, Monday to Friday.