Client Service Pack 2.0
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Important installation notes

            *Use http or ftp as the transport protocol. If using FTP, the server
              MUST support the PASV flag (passive FTP). Microsoft Internet
              Information Server is known to support this flag.

            *Change //update_server to your update server host name or IP address.

            *Change /sp20 to the folder name you used to store the update files.

            *If your update server is using http as the transport protocol, ensure
            that the http server directory permissions for the update directory
            (e.g. sp20) DO NOT have Execute turned on.

What's new in SP 2.0
            What follows is an overview of what is new in Service Pack 2.0.
            For more detailed and the most up-to-date information,
            visit our website:

            http://www.ibm.com/pc/support
                      * Select NetVista, then select NetVista thin client
                      * Under Technical Information, click on "Hot News"
                      * Select the following document: NetVista N2200w (8363-Wxx)
                        - Service packs

            * New Keyboard mapping for Emulators - ability to remap Enter
              separately, separate Ctrl keys
            * Euro key is supported without keyboard mapping files
            * Internet Explorer Browser with integrated Media Player
            * Remote management client
            * DHCP Clients now renew their leases

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        * Ctrl+Alt+Home launches your default connection
        * Support for revision 2.5 of the Belkin USB to serial
          converter F5U103
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Verifying if your new system is up-to-date
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        It is strongly recommended that before you start to configure your
        new N2200w system, first check to see if it is already loaded with
        the latest WBT software. To do this:
        1.  Go through the Setup Wizard and wait for the system to restart.
        2.  After the system restarts, it will display the Terminal
            Connection Manager.
        3.  Press <F2> key to activate the Terminal Properties dialog box
        4.  Click on the "System" tab and check the "Build Version
            Information"
        5.  If the Build Number is 0232, your software is already up-to-date
            and you can skip software update steps and start configuring and
            using your system.
            If the Build Number is 0238_1 or below, you need to update
            your system software.
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Installing the Client Code on your server
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        To update your client software you must first setup an update server:
        1.  Make sure you have a HTTP server or a FTP server, with anonymous
            login support, as your update server.
        2.  Install the software update package from  the CD  into the
            appropriate folder on the update server.

        The SP2.0 is packaged in the client directory on the CD. You must
        first copy the contents into a subdirectory accessible by update
        protocol on your update server.
        For example, if you are using Microsoft IIS with its default HTTP
        root directory, you can create a folder sp20 as follows:
                c:\inetpub\wwwroot\sp20
        You  then copy  all the files in the client subdirectory into
        this folder. With this example, the Update URL you  specify on
        your client systems is:
                http://update_server/sp20/installsp20.xml

        Where update_server should be substituted with the actual host name
        or the IP address of the update server.

        3.  Edit the XML (installsp20.xml) file to reflect your server
            environment.  You need to modify the update XML files with
            the address of the update server.
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How to customize the installsp20.xml
        You need to customize the installsp20.xml file based on:
                The transport protocol you choose to use (http or ftp)
                The server host name/IP address of your update server
                The directory path used to access the files

        installsp20.xml file:

        <?xml version="1.0" encoding="UTF-8"?>
        <!DOCTYPE Package SYSTEM "SoftwareUpdate.dtd">
        <!-- Upgrade to IBM WBT SP20-->
        <Package ID="0302">
            <CopyFile>
              <Description>Copy getconfig.exe</Description>
              <Source>http://update_server/sp20/getconfig.exe</Source>
              <Destination>getconfig.exe</Destination>
            </CopyFile>
          <Execute WaitForExit="Yes">
                <Description>Save Current Configuration</Description>
                <FileName>getconfig.exe</FileName>
                <CommandLine> </CommandLine>
          </Execute>
           <CopyFile OSImage="Yes" OSImageSize="0xB9018F">
               <Description>Download Software Update for SP2.0</Description>
               <Source>http://update_server/sp20/nk_0302.bin</Source>
               <Destination>\Program Files\nk.bin</Destination>
           </CopyFile>
          <Reboot>Yes</Reboot>
        </Package>


Updating your N2200w
        1.  Press F2 to get into the Terminal Properties.  In the Terminal
            Properties dialog box, click on the "Update" tab.
        2.  Enter the URL for the update server and update xml file.
            (e.g. http://update_server/sp20/installsp20.xml)
        3.  Click on the "Update Now . . . " button.
        4.  The system will restart and begin to update the system software.
        5.  After the update has been completed, the system will restart again.
        6.  After the system come back it will restore the save configuration,
            then restart again (you will only see a blank screen with a mouse
            pointer briefly).
        7.  The system should now have the original configuration restored
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with the new level of code.