



Remote Configuration Parameter Quick Reference

Part Number 9300670, Revision A
November, 1998

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Revision History

Revision history of this document:

Part Number	Revision Date	Description
9300670 Rev A	November, 1998	Publication with NCDware 5.1
9300570 Rev B	October, 1997	Publication with NCDware 5.0.
9300466 Rev A	August, 1996	Publication with NCDware 4.1
9300379 Rev A	December, 1995	Publication with NCDware 3.5
9300356	July, 1995	First publication of this document

What is in this booklet and why should I use it?

This booklet describes NCDware 5.1 remote configuration parameters. System administrators can use this booklet as a quick reference for setting terminal configuration characteristics.

What is the remote configuration language?

The remote configuration language is composed of parameters, the values assigned to them, and commands. There are commands for assigning and displaying parameter values, reading and writing values, locking out other users from configuration data, and protecting parameters from modification. Commands and syntax are described in the *System Administrator's Guide for UNIX Systems*.

Parameters are organized into groups according to function. For example, parameters for booting are in the boot group, and parameter names begin with "boot-." You must type all parameter names in lowercase.

Access to a given parameter may be read/write, write-only, or read-only:

- Most parameters have read/write access and are used to specify terminal configuration.
- Password parameters are write-only. If you attempt to read a password parameter, the value displayed is "nil" if the password is not defined and "protected" if the password is defined.
- Parameters with read-only access are used for reporting statistical information.

How should I use this booklet?

The first part of this booklet describes read/write and write-only parameters, listed alphabetically by group:

- Parameters are read/write unless described specifically as write-only.
- Each read/write and write-only parameter entry includes the remote configuration parameter name and the location of the parameter in the Console's Setup menus, a brief description, the permitted values or table entries (default values are in boldface), the SNMP name and path, the data type, when changes to the parameter take effect, and whether the information is stored in NVRAM.
- The legend on the next page tells how to read parameter entries.

The second part of the booklet (beginning on page 39) lists read-only parameters.

The third part is a list of acronyms and abbreviations used in this booklet (page 41).

Legend

Data	Meaning
Parameter Name	The parameter name used in remote configuration files and in interactive TELNET configuration
Setup Menu	The location and field in the Console's Setup menus
Description	A brief description of the parameter's function
Permitted Values	The values permitted for this parameter or table entry. Variables are in <i>bold italics</i> ; choices and boolean values are enclosed in brackets with the default in bold .
Table Entries	<p>Values for a table's row entries (fields) are enclosed in curly braces. For example:</p> <pre>{ <i>index (no default) read-only</i>—used by SNMP only) <i>host (nil)</i> <i>family [tcpip ncdnet] }</i></pre> <ul style="list-style-type: none"> • The range for all index entries is 0 - 4294967295. • In some tables that are empty by default, some of their fields have non-nil default values. These defaults are significant when partial table entries are assigned. • Permitted values for choice and boolean values (such as [tcpip ncdnet] or [true false]) are shown in square brackets. • The SNMP name and path for each field are listed following the default value for each field.
SNMP Name and Path	The name and path for reading or setting parameters via SNMP are listed in <i>italics</i> .
Type	The data types for parameter values are:
	b Boolean—True/false, yes/no, on/off
	i Integer—Number in decimal or hexadecimal notation
	s String—Alphanumeric characters specifying the variable listed in parentheses
	c Choice—List of predefined values
	f Floating point—Positive or negative number with whole (integer) and fractional (decimal) portions
t Table—Parameter that contains more than one value	
When	When changes to the parameter take effect:
	i Immediately after an Apply
	b At boot time
	cc At context creation (when a client is initialized)
	ss At session startup
	Module load policies affect when changes to a parameter take effect. Parameters related to a module take effect when the module is loaded.
NVRAM	Whether the parameter value is saved in NVRAM:
	y Saved in NVRAM
	n Not saved in NVRAM

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
boot group			
boot-automatically Change Setup Parameters ⇒ Booting ⇒ Boot automatically The terminal boots automatically. If false, the Boot Monitor prompt appears. (This parameter is ignored in secure mode.) [true false] ncdBootServerAutomatically ncdBoot 1	b	b	y
boot-custom-file Change Setup Parameters ⇒ Booting ⇒ Custom File The specified non-standard name for the X server image file is included in the download sequence. This value consumes NVRAM optional string space. nil (filename) ncdBootCustomFile ncdBoot 20	s	b	y
boot-default-server-when-prom-booting Change Setup Parameters ⇒ Booting ⇒ Default Server when PROM Booting Default server used for downloading configuration files and fonts when the terminal is booted locally. nil (ip_address or hostname) ncdBootDefaultServer ncdBoot 7	s	b	y
boot-desired-source Change Setup Parameters ⇒ Booting ⇒ Primary Boot Source or Change Quick Setup ⇒ Booting ⇒ Boot From Method for X server loading the next time the terminal boots. For backward compatibility, "tcpip" and "tftp" both result in TFTP booting, and "local" and "prom" both result in booting from a PC card. [tcpip tftp nfs ncdnet local prom] ncdBootDesiredSource ncdBoot 5	c	b	y
boot-monitor-inverse-video Change Setup Parameters ⇒ Booting ⇒ Boot Monitor Inverse Video The Boot Monitor displays in dark characters on a light background. Used only on monochrome monitors. [true false] ncdBootMonitorReverseVideo ncdBoot 8	b	i	y
boot-mop Change Setup Parameters ⇒ Booting ⇒ (NCDnet Boot Options) Try MOP MOP is used to request the X server download file. [true false] ncdBootMop ncdBoot 18	b	b	y
boot-mop-with-file-name Change Setup Parameters ⇒ Booting ⇒ (NCDnet Boot options) Try MOP with File Name MOP download requests specify a filename. By default, the MOP server's configuration specifies the file. If true, the MOP request specifies the default X server for the terminal model. [true false] ncdBootMopWithFileName ncdBoot 19	b	b	y
boot-nfs-directory Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) NFS Directory UNIX directory searched when using NFS to download an X server. This value consumes NVRAM optional string space. /tftpboot/ (directory_name) ncdBootNfsDirectory ncdBoot 22	s	b	y
boot-persistent-loading Change Setup Parameters ⇒ Booting ⇒ Persist in Loading The terminal continues attempting to boot until it succeeds. If true, the terminal persists until it loads an X server or you interrupt it by pressing the Escape key. [true false] ncdBootPersist ncdBoot 6	b	b	y
boot-prom-force-update Not available in Setup menus Forces the unit to accept the boot prom update file specified even if it is a previous revision. <i>For Explora series terminals with flash PROMs only. CAUTION: Do not turn off power to the terminal while the Boot Monitor is being updated.</i> [true false] ncdBootPromForceUpdate ncdBoot 28	b	i	n
boot-prom-update-file Not available in Setup menus Path name of file for updating the Boot Monitor when the terminal is rebooted. <i>For Explora series terminals with flash PROMs only. CAUTION: Do not turn off power to the terminal while the Boot Monitor is being updated.</i> nil (path_name) ncdBootPromUpdateFile ncdBoot 27	s	b	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>boot-second-source Change Setup Parameters ⇒ Booting ⇒ Secondary Boot Source</p> <p>Method used for X server loading if the primary source specified in boot-desired-source is unavailable. For backward compatibility, "tcpip" and "tftp" both result in TFTP booting, and "local" and "prom" both result in booting from a PC card. [none tcpip tftp nfs ncdnet local prom] <i>ncdBootSecondSource</i> <i>ncdBoot 23</i></p>	c	b	y
<p>boot-send-broadcast-icmp-for-subnet-mask Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Send Broadcast ICMP for Subnet Mask</p> <p>An ICMP message is sent at boot time to the broadcast address to find the appropriate subnet mask. [true false] <i>ncdBootEnableCMPSubnetMaskRequest</i> <i>ncdBoot 16</i></p>	b	b	y
<p>boot-tcpip-broadcast-boot-request Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) TCP/IP Broadcast Boot Request</p> <p>When the boot host doesn't respond, the Boot Monitor broadcasts requests for an X server. [true false] <i>ncdBootBroadcastInetRequest</i> <i>ncdBoot 17</i></p>	b	b	y
<p>boot-tcpip-desired-server Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) TCP/IP Desired Server or Change Quick Setup ⇒ Booting ⇒ Boot Host IP Address</p> <p>Boot server to use when the boot source is TCP/IP or NFS. 0.0.0.0 (<i>hostname</i> or <i>ip_address</i>) <i>ncdBootDesiredInetServer</i> <i>ncdBoot 9</i></p>	s	b	y
<p>boot-tcpip-product-name-and-memory-size-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Product Name and Memory Size File</p> <p>A request for an X server filename that includes the product name and memory size suffix is included in the download sequence. [true false] <i>ncdBootUseRelativeMemSizeFile</i> <i>ncdBoot 12</i></p>	b	b	y
<p>boot-tcpip-product-name-and-memory-size-with-path-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Product Name and Memory Size with Path File</p> <p>A request for an X server filename that includes the product name and memory size suffix and is prefixed with /tftpboot/ is included in the download sequence. [true false] <i>ncdBootUseAbsoluteMemSizeFile</i> <i>ncdBoot 13</i></p>	b	b	y
<p>boot-tcpip-product-name-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Product Name File</p> <p>A request for an X server filename that includes the product name is included in the download sequence. [true false] <i>ncdBootUseRelativeProductFile</i> <i>ncdBoot 14</i></p>	b	b	y
<p>boot-tcpip-product-name-with-path-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Product Name with Path File</p> <p>A request for an X server filename that includes the product name and is prefixed with /tftpboot/ is included in the download sequence. [true false] <i>ncdBootUseAbsoluteProductFile</i> <i>ncdBoot 15</i></p>	b	b	y
<p>boot-tcpip-second-server Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Secondary TCP/IP Server</p> <p>The boot server to use when the boot source is TCP/IP or NFS and the primary boot server is unavailable. 0.0.0.0 (<i>hostname</i> or <i>ip_address</i>) <i>ncdBootSecondInetServer</i> <i>ncdBoot 25</i></p>	s	b	y
<p>boot-tcpip-third-server Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Tertiary TCP/IP Server</p> <p>The boot server to use when the source is TCP/IP or NFS and primary and secondary boot servers are unavailable. 0.0.0.0 (<i>hostname</i> or <i>ip_address</i>) <i>ncdBootThirdInetServer</i> <i>ncdBoot 26</i></p>	s	b	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M															
<p>boot-tcpip-unit-address-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Unit Address File</p> <p>A request for an X server file named for the hexadecimal representation of the IP address is included in the download sequence. [true false] <i>ncdBootUseRelativeHexFile</i> <i>ncdBoot 10</i></p>	b	b	y															
<p>boot-tcpip-unit-address-with-path-file Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) Try TCP/IP Unit Address with Path File</p> <p>A request for an X server file named for the hexadecimal representation of the IP address and prefixed with /tftpboot/ is included in the download sequence. [true false] <i>ncdBootUseAbsoluteHexFile</i> <i>ncdBoot 11</i></p>	b	b	y															
<p>boot-test-ram Change Setup Parameters ⇒ Booting ⇒ Test RAM at power-up</p> <p>RAM self-tests are performed at power-up. NCD recommends that you do not disable this test. [true false] <i>ncdBootRamTest</i> <i>ncdBoot 2</i></p>	b	b	y															
<p>boot-tftp-directory Change Setup Parameters ⇒ Booting ⇒ (TCP/IP Boot Options section) TFTP Directory</p> <p>UNIX directory searched when using TFTP to download the X server file. This value consumes NVRAM optional string space. /tftpboot/ (directory) <i>ncdBootTftpDirectory</i> <i>ncdBoot 21</i></p>	s	b	y															
<p>boot-third-source Change Setup Parameters ⇒ Booting ⇒ Tertiary Boot Source</p> <p>Method used for X server loading if the primary and secondary sources are unavailable. Both "tcpip" and "tftp" result in TFTP booting. Both "local" and "prom" result in booting from a PC card. [none tcpip tftp nfs nednet local prom] <i>ncdBootThirdSource</i> <i>ncdBoot 24</i></p>	c	b	y															
browser group																		
<p>browser-auto-load-images Change Setup Parameters ⇒ Browser ⇒ (General section) Automatically Load Images</p> <p>Specifies if the NCD Mosaic Browser will automatically load embedded images in Web pages. [user-preference enable disable] <i>ncdBrowserAutoLoadImages</i> <i>ncdBrowser 5</i></p>	c	cc	n															
<p>browser-cache-size Change Setup Parameters ⇒ Browser ⇒ (General section) Cache Size Limit</p> <p>Maximum size of the memory cache in Kbytes. Range: 0 - 100000 (0) <i>ncdBrowserCacheSize</i> <i>ncdBrowser 2</i></p>	i	cc	n															
<p>browser-environment Change Setup Parameters ⇒ Browser ⇒ (General section) Environment Variables</p> <p>Variables for the NCD Mosaic Browser. Variables set in this table override variables in pref-environment. By default, this is an empty table.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">{ <i>index</i> (no default) (read-only—used by SNMP only)</td> <td style="padding-left: 20px;"><i>ncdBrowserEnvVarTableIndex/ncdBrowserEnvVarTable 21</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">—</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>name</i> (nil)</td> <td style="padding-left: 20px;"><i>ncdBrowserEnvVarTableName/ncdBrowserEnvVarTable 22</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">cc</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>value</i> (nil) }</td> <td style="padding-left: 20px;"><i>ncdBrowserEnvVarTableValue/ncdBrowserEnvVarTable 23</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">cc</td> <td style="text-align: center;">n</td> </tr> </table> <p><i>ncdBrowserEnvVarTable</i> <i>ncdBrowser 24</i></p>	{ <i>index</i> (no default) (read-only—used by SNMP only)	<i>ncdBrowserEnvVarTableIndex/ncdBrowserEnvVarTable 21</i>	i	—	n	<i>name</i> (nil)	<i>ncdBrowserEnvVarTableName/ncdBrowserEnvVarTable 22</i>	s	cc	n	<i>value</i> (nil) }	<i>ncdBrowserEnvVarTableValue/ncdBrowserEnvVarTable 23</i>	s	cc	n	t	cc	n
{ <i>index</i> (no default) (read-only—used by SNMP only)	<i>ncdBrowserEnvVarTableIndex/ncdBrowserEnvVarTable 21</i>	i	—	n														
<i>name</i> (nil)	<i>ncdBrowserEnvVarTableName/ncdBrowserEnvVarTable 22</i>	s	cc	n														
<i>value</i> (nil) }	<i>ncdBrowserEnvVarTableValue/ncdBrowserEnvVarTable 23</i>	s	cc	n														
<p>browser-ftp-proxy-host Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) FTP Proxy Host</p> <p>Host that runs an FTP proxy server. nil (<i>ip_address</i> or <i>hostname</i>) <i>ncdFTP_ProxyHost</i> <i>ncdBrowser 13</i></p>	s	cc	n															
<p>browser-ftp-proxy-host-port Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) FTP Proxy Host Port</p> <p>The TCP/IP port on which the FTP proxy server listens for connections. Range: 0 - 65535 (80) <i>ncdFTPProxyHostPort</i> <i>ncdBrowser 14</i></p>	i	cc	n															

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>browser-ftp-proxy-overrides</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) FTP Proxy Overrides</p> <p>FTP proxy domains that avoid or override the proxy host. nil (domain) <i>ncdFTPProxyHostOverrides</i> <i>ncdBrowser 15</i></p>	s	cc	n
<p><i>browser-gopher-proxy-host</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) Gopher Proxy Host</p> <p>Host that runs a gopher proxy server. nil (ip_address or hostname) <i>ncdGopherProxyHost</i> <i>ncdBrowser 16</i></p>	s	cc	n
<p><i>browser-gopher-proxy-host-port</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) Gopher Proxy Host Port</p> <p>The TCP/IP port on which the gopher proxy server listens for connections. Range: 0 - 65535 (80) <i>ncdGopherProxyHostPort</i> <i>ncdBrowser 17</i></p>	i	cc	n
<p><i>browser-gopher-proxy-overrides</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) Gopher Proxy Overrides</p> <p>Gopher proxy domains that avoid or override the proxy host. nil (domain) <i>ncdGopherProxyHostOverrides</i> <i>ncdBrowser 18</i></p>	s	cc	n
<p><i>browser-home-page</i> Change Setup Parameters ⇒ Browser ⇒ (User Preference Overrides section) Default home page</p> <p>Home page loaded by the NCD Mosaic Browser when it starts. nil (uniform_resource_locator) <i>ncdHomePage</i> <i>ncdBrowser 9</i></p>	s	cc	n
<p><i>browser-http-proxy-host</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) HTTP Proxy Host</p> <p>Host that runs an HTTP proxy server. nil (ip_address or hostname) <i>ncdHTTPProxyHost</i> <i>ncdBrowser 10</i></p>	s	cc	n
<p><i>browser-http-proxy-host-port</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) HTTP Proxy Host Port</p> <p>The TCP/IP port on which the HTTP proxy server listens for connections. Range: 0 - 65535 (80) <i>ncdHTTPProxyHostPort</i> <i>ncdBrowser 11</i></p>	i	cc	n
<p><i>browser-http-proxy-overrides</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) HTTP Proxy Overrides</p> <p>HTTP proxy domains that avoid or override the proxy host. nil (domain) <i>ncdHTTPProxyHostOverrides</i> <i>ncdBrowser 12</i></p>	s	cc	n
<p><i>browser-java-applets</i> Change Setup Parameters ⇒ Browser ⇒ (User Preference Overrides section) Java applets</p> <p>Java applets are executed when included in Web contents. [user-preference enable disable] <i>ncdBrowserJavaApplets</i> <i>ncdBrowser 7</i></p>	c	cc	n
<p><i>browser-jscript-active</i> Change Setup Parameters ⇒ Browser ⇒ (User Preference Overrides section) Jscript/Javascript routines</p> <p>Jscript/Javascript routines are executed when Web contents are loaded. [user-preference enable disable] <i>ncdBrowserJscriptActive</i> <i>ncdBrowser 6</i></p>	c	cc	n
<p><i>browser-max-connections</i> Change Setup Parameters ⇒ Browser ⇒ (General section) Maximum TCP/IP connections</p> <p>The maximum number of TCP/IP connections the NCD Mosaic Browser can open concurrently. Range: 0 - 32 (5) <i>ncdBrowserMaxConnections</i> <i>ncdBrowser 3</i></p>	i	cc	n
<p><i>browser-module</i> Change Setup Parameters ⇒ Browser ⇒ (User Preference Overrides section) Browser Module</p> <p>The NCD Mosaic Browser module that is loaded. [no-encryption ssl-40-bit-encryption ssl-128-bit-encryption] <i>ncdBrowserModule</i> <i>ncdBrowser 1</i></p>	c	cc	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M															
<p><i>browser-smtp-email-server</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) SMTP Email Server</p> <p>SMTP electronic mail server host. nil (<i>ip_address</i> or <i>hostname</i>) <i>ncdBrowserEmailServer</i> <i>ncdBrowser 4</i></p>	s	i	n															
<p><i>browser-socks-host</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) SOCKS Host</p> <p>Host that runs the SOCKS daemon, which approves requests from outside the local network for a remote network resource. nil (<i>ip_address</i> or <i>hostname</i>) <i>ncdSocksHost</i> <i>ncdBrowser 19</i></p>	s	i	n															
<p><i>browser-socks-port</i> Change Setup Parameters ⇒ Browser ⇒ (Network/Proxy Settings section) SOCKS Port</p> <p>The TCP/IP port on which the SOCKS daemon listens for connections. Range: 0 - 65535 (1080) <i>ncdBrowserSocksPort</i> <i>ncdBrowser 20</i></p>	i	i	n															
config group																		
<p><i>config-access-control-enabled</i> Change Setup Parameters ⇒ Access Control ⇒ (Config section) Enable Config Access Control</p> <p>The terminal checks requests for remote connections to the Configuration daemon against the access control list. [true false] <i>ncdAccessConfigdAccessControlEnabled</i> <i>ncdAccess 8</i></p>	b	i	n															
<p><i>config-access-control-list</i> Change Setup Parameters ⇒ Access Control ⇒ (Config section) Config Access Control List</p> <p>Hosts in the Configuration daemon's host access control list. By default, this is an empty table.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><i>{ index (no default) (read-only—used by SNMP only)</i></td> <td style="width: 40%;"><i>ncdAccessCHTIndex/ncdAccessConfigdHostTable 1</i></td> <td style="width: 10%; text-align: center;">i</td> <td style="width: 10%; text-align: center;">—</td> <td style="width: 10%; text-align: center;">n</td> </tr> <tr> <td><i>hostname</i> or <i>ip_address</i> (nil)</td> <td><i>ncdAccessCHTAddress/ncdAccessConfigdHostTable 2</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td><i>family</i> [tcpip <i>ncdnet</i>] }</td> <td><i>ncdAccessCHTFamily/ncdAccessConfigdHostTable 3</i></td> <td style="text-align: center;">c</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> </table> <p><i>ncdAccessConfigdHostTable</i> <i>ncdAccess 9</i></p>	<i>{ index (no default) (read-only—used by SNMP only)</i>	<i>ncdAccessCHTIndex/ncdAccessConfigdHostTable 1</i>	i	—	n	<i>hostname</i> or <i>ip_address</i> (nil)	<i>ncdAccessCHTAddress/ncdAccessConfigdHostTable 2</i>	s	i	n	<i>family</i> [tcpip <i>ncdnet</i>] }	<i>ncdAccessCHTFamily/ncdAccessConfigdHostTable 3</i>	c	i	n	t	i	n
<i>{ index (no default) (read-only—used by SNMP only)</i>	<i>ncdAccessCHTIndex/ncdAccessConfigdHostTable 1</i>	i	—	n														
<i>hostname</i> or <i>ip_address</i> (nil)	<i>ncdAccessCHTAddress/ncdAccessConfigdHostTable 2</i>	s	i	n														
<i>family</i> [tcpip <i>ncdnet</i>] }	<i>ncdAccessCHTFamily/ncdAccessConfigdHostTable 3</i>	c	i	n														
<p><i>config-add-domain-to-unit-name-as-filename</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Add Domain to Unit Name as Filename</p> <p>A configuration filename that includes the terminal's symbolic name and domain is included in the download sequence. [true false] <i>ncdConfigInitUseFQUnitName</i> <i>ncdConfig 7</i></p>	b	b	y															
<p><i>config-auto-save-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) Auto Save File</p> <p>Changes made to the terminal's configuration are automatically saved to a file after an Apply command. [true false] <i>ncdConfigAutoSaveFile</i> <i>ncdConfig 16</i></p>	b	i	n															
<p><i>config-auto-save-file-name</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) Auto Save File Name</p> <p>File for saving configuration parameters after an Apply command. By default, this is the initial remote configuration file loaded plus the suffix .stp. <i>initial_rem_config_file.stp</i> (<i>filename.stp</i>) <i>ncdConfigAutoSaveFileName</i> <i>ncdConfig 17</i></p>	s	i	n															
<p><i>config-auto-save-nvram</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) Auto Save NVRAM</p> <p>Changes to the terminal's configuration that are stored in NVRAM are saved automatically after an Apply command. [true false] <i>ncdConfigAutoSaveNvram</i> <i>ncdConfig 15</i></p>	b	i	n															
<p><i>config-auto-saved-info</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) Auto Saved Info</p> <p>Extent of the changes that are automatically saved to an auto-save file after an Apply Command. "user-changes" saves changes to the configuration made using the Setup menus or TELNET. "all-info" saves the current auto-save file content and the initial downloaded file. "all-changes" saves all read/write parameters. [user-changes <i>all-changes</i> <i>all-info</i>] <i>ncdConfigAutoSaveChanges</i> <i>ncdConfig 18</i></p>	c	i	n															

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>config-console-display-password</i> (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (Console section) Console Display Password</p> <p>Password required to display the Console. nil (<i>password</i>) <i>ncdAccessConsoleDisplayPassword</i> <i>ncdAccess 42</i></p>	s	i	y
<p><i>config-console-enforce-password-locally</i> Change Setup Parameters ⇒ Access Control ⇒ (Console section) Enforce Console Password Locally</p> <p>A password is required to access the Console from the terminal. [true false] <i>ncdAccessConsoleEnforcePasswordLocally</i> <i>ncdAccess 43</i></p>	b	i	n
<p><i>config-custom-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Custom File</p> <p>The specified non-standard name for the initial configuration file is included in the download sequence. nil (<i>filename</i>) <i>ncdConfigInitFile</i> <i>ncdConfig 5</i></p>	s	b	y
<p><i>config-default-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration Daemon section) Default File or Change Quick Setup ⇒ Files ⇒ Config File</p> <p>Configuration file used to define the default terminal configuration. By default, this is the name of the file loaded as the initial configuration file. nil (<i>filename</i>) <i>ncdConfigDefaultFile</i> <i>ncdConfig 14</i></p>	s	i	n
<p><i>config-enforce-passwords-locally</i> Change Setup Parameters ⇒ Access Control ⇒ (Config daemon section) Enforce Config Passwords Locally</p> <p>A password is required to access configuration information from the terminal. [true false] <i>ncdAccessConfigEnforcePasswdsLocally</i> <i>ncdAccess 7</i></p>	b	i	n
<p><i>config-generic-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Try Generic Filename</p> <p>The standard initial configuration file (ncd_std) is included in the download sequence. [true false] <i>ncdConfigInitUseGenericFile</i> <i>ncdConfig 11</i></p>	b	b	y
<p><i>config-load-initial-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Load Initial File</p> <p>An initial configuration file is downloaded. [true false] <i>ncdConfigInitFileLoad</i> <i>ncdConfig 1</i></p>	b	b	y
<p><i>config-ncdnet-object-name</i> Change Setup Parameters ⇒ Configuration ⇒ (Configuration Daemon section) NCDnet Object Name</p> <p>NCDnet object on which the terminal listens for connections to the Configuration daemon. CONFIGD (<i>objectname</i>) <i>ncdConfigDnetObject</i> <i>ncdConfig 23</i></p>	s	b	n
<p><i>config-persistent-loading</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File Section) Persistent Loading</p> <p>The terminal persists in attempting to load an initial configuration file until it succeeds. [true false] <i>ncdConfigInitPersistentFileLoad</i> <i>ncdConfig 2</i></p>	b	b	y
<p><i>config-pref-enforce-passwords-locally</i> Change Setup Parameters ⇒ Access Control ⇒ (User Preferences section) Enforce User Preferences Passwords Locally</p> <p>A password is required to access user preferences information from the terminal. [true false] <i>ncdAccessPrefdEnforcePasswdsLocally</i> <i>ncdAccess 12</i></p>	b	i	n
<p><i>config-pref-ncdnet-object-name</i> Change Setup Parameters ⇒ Configuration ⇒ (User Preferences section) NCDnet Object Name</p> <p>The object on which the terminal listens for NCDnet connections to the Preferences daemon. PREFD (<i>objectname</i>) <i>ncdConfigPrefdDnetObject</i> <i>ncdConfig 21</i></p>	s	b	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>config-pref-read-only-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (User Preferences section) User Preferences Read-Only Password</p> <p>Password for read-only access to user preferences information. nil (password) <i>ncdAccessPrefdReadOnlyPasswd</i> <i>ncdAccess 10</i></p>	s	i	y
<p>config-pref-read-write-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (User Preferences section) User Preferences Read-Write Password</p> <p>Password for read/write access to user preferences information. nil (password) <i>ncdAccessPrefdReadWritePasswd</i> <i>ncdAccess 11</i></p>	s	i	y
<p>config-pref-tcp-port Change Setup Parameters ⇒ Configuration ⇒ (User Preferences section) TCP Port Number</p> <p>TCP port on which the terminal listens for connections to the Preferences daemon. Range: 1024 - 65535 (5977) <i>ncdConfigPrefdTcpPort</i> <i>ncdConfig 20</i></p>	i	b	n
<p>config-pref-telnet-port Change Setup Parameters ⇒ Configuration ⇒ (User Preferences section) Telnet Port Number</p> <p>TELNET port on which the terminal listens for connections to the Preferences daemon. Range: 1024 - 65535 (5997) <i>ncdConfigPrefdTelnetPort</i> <i>ncdConfig 19</i></p>	i	b	n
<p>config-read-only-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (Config section) Config Read-Only Password</p> <p>Password for read-only access to the Configuration daemon. public (password) <i>ncdAccessConfigReadOnlyPasswd</i> <i>ncdAccess 5</i></p>	s	i	y
<p>config-read-write-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (Config section) Config Read-Write Password</p> <p>Password for read/write access to configuration information. nil (password) <i>ncdAccessConfigReadWritePasswd</i> <i>ncdAccess 6</i></p>	s	i	y
<p>config-tcp-port Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) TCP Port Number</p> <p>TCP port on which the terminal listen for connections to the Configuration daemon. Range: 1024 - 65535 (5979) <i>ncdConfigTcpPort</i> <i>ncdConfig 13</i></p>	i	b	n
<p>config-telnet-port Change Setup Parameters ⇒ Configuration ⇒ (Configuration section) Telnet Port Number</p> <p>TELNET port on which the terminal listens for connections to the Configuration daemon. Range: 1024 - 65535 (5999) <i>ncdConfigTelnetPort</i> <i>ncdConfig 12</i></p>	i	b	n
<p>config-unit-ethernet-address-file Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Try Unit Ethernet Address as Filename</p> <p>A configuration file named for the terminal's Ethernet address is included in the download sequence. [true false] <i>ncdConfigInitUseEnetUnitAddrFile</i> <i>ncdConfig 8</i></p>	b	b	y
<p>config-unit-ip-address-file Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Try Unit IP Address as Filename</p> <p>A configuration file named for the terminal's IP address is included in the download sequence. [true false] <i>ncdConfigInitUseInetUnitAddrFile</i> <i>ncdConfig 9</i></p>	b	b	y
<p>config-unit-name-file Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Try Unit Name as Filename</p> <p>A configuration file named for the terminal's symbolic name is included in the download sequence. [true false] <i>ncdConfigInitUseUnitNameFile</i> <i>ncdConfig 6</i></p>	b	b	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M									
<p><i>config-unit-ncdnet-address-file</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) Try Unit NCDnet Address as Filename</p> <p>A configuration file named for the terminal's NCDnet address is included in the download sequence. [true false] <i>ncdConfigInitUseDnetUnitAddrFile</i> <i>ncdConfig 22</i></p>	b	b	y									
<p><i>config-unix-directory</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) UNIX Directory or Change Quick Setup ⇒ Files ⇒ UNIX Config Directory</p> <p>UNIX directory that the terminal searches for the initial configuration file. If you specify an alternate directory, the pathname takes up NVRAM optional string space. <i>/usr/lib/X11/ncd/configs/</i> (directory) <i>ncdConfigDfltUnixDirectory</i> <i>ncdConfig 3</i></p>	s	b	y									
<p><i>config-use-decimal-ip-address-notation-as-filename</i> Change Setup Parameters ⇒ Configuration ⇒ Use Decimal IP Address Notation as Filename</p> <p>A file named for the terminal's IP address (in dotted-decimal notation) is included in the download sequence. [true false] <i>ncdConfigInitUseDecimalInetUnitAddr</i> <i>ncdConfig 10</i></p>	b	b	y									
<p><i>config-vms-directory</i> Change Setup Parameters ⇒ Configuration ⇒ (Initial Configuration File section) VMS Directory or Change Quick Setup ⇒ Files ⇒ VMS Config Directory</p> <p>VMS directory that the terminal searches for its initial configuration file. NCD_ROOT:[CONFIGS] (filename) <i>ncdConfigDfltVmsDirectory</i> <i>ncdConfig 4</i></p>	s	b	y									
diag group												
<p><i>diag-abort-on-exception</i> Not available in the Setup menus.</p> <p>Local clients terminate when an exception occurs. If true, the terminal panics and the Boot Monitor takes control. <i>Reset this parameter only as directed by NCD Technical Support.</i> [true false] <i>ncdDiagAbortOnException</i> <i>ncdDiag 10</i></p>	b	i	n									
<p><i>diag-access-control-enabled</i> Change Setup Parameters ⇒ Access Control ⇒ (Diagnostic Daemon section) Enable Diagnostic Access Control</p> <p>Requests for connections to the Diagnostic daemon from remote systems are checked against the host access control list. [true false] <i>ncdAccessDiagdAccessControlEnabled</i> <i>ncdAccess 24</i></p>	b	i	n									
<p><i>diag-access-control-list</i> Change Setup Parameters ⇒ Access Control ⇒ (Diagnostic Daemon section) Diagnostic Access Control List</p> <p>Hosts in the Diagnostic daemon's host access control list. By default, this is an empty table.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessDiagdACTIndex/ncdAccessDiagdAccessControlTable 1</i></td> <td style="padding-left: 20px;"><i>ncdAccessDiagdACTAddress/ncdAccessDiagdAccessControlTable 2</i></td> <td style="padding-left: 20px;"><i>ncdAccessDiagdACTFamily/ncdAccessDiagdAccessControlTable 3</i></td> </tr> <tr> <td style="padding-left: 20px;"><i>hostname</i> or <i>ip_address</i> (nil)</td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;"><i>family</i> [<i>tcpip</i> <i>ncdnet</i>] }</td> <td></td> <td></td> </tr> </table> <p><i>ncdAccessDiagdAccessControlTable</i> <i>ncdAccess 25</i></p>	{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessDiagdACTIndex/ncdAccessDiagdAccessControlTable 1</i>	<i>ncdAccessDiagdACTAddress/ncdAccessDiagdAccessControlTable 2</i>	<i>ncdAccessDiagdACTFamily/ncdAccessDiagdAccessControlTable 3</i>	<i>hostname</i> or <i>ip_address</i> (nil)			<i>family</i> [<i>tcpip</i> <i>ncdnet</i>] }			t	i	n
{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessDiagdACTIndex/ncdAccessDiagdAccessControlTable 1</i>	<i>ncdAccessDiagdACTAddress/ncdAccessDiagdAccessControlTable 2</i>	<i>ncdAccessDiagdACTFamily/ncdAccessDiagdAccessControlTable 3</i>										
<i>hostname</i> or <i>ip_address</i> (nil)												
<i>family</i> [<i>tcpip</i> <i>ncdnet</i>] }												
<p><i>diag-add-timestamps</i> Change Setup Parameters ⇒ Diagnostics ⇒ Add Timestamps</p> <p>The Diagnostic daemon adds timestamps in the format <i>+days:hours:minutes:seconds</i> to the diagnostic log. [true false] <i>ncdDiagTimestampEnabled</i> <i>ncdDiag 1</i></p>	b	i	n									
<p><i>diag-buffer-size</i> Change Setup Parameters ⇒ Diagnostics ⇒ Buffer Size</p> <p>The maximum size (in bytes) of the diagnostic log. Range: 2048 - 16777216 (16384) <i>ncdDiagConfiguredBufferSize</i> <i>ncdDiag 3</i></p>	i	i	n									
<p><i>diag-log-file</i> Change Setup Parameters ⇒ Diagnostics ⇒ Log File</p> <p>The name of the file to which the diagnostic log is written. nil (filename) <i>ncdDiagLogFile</i> <i>ncdDiag 4</i></p>	s	i	n									
<p><i>diag-memory-debugging</i> Not available in the Setup menus.</p> <p>Level of memory debugging. <i>Use this parameter only as directed by NCD Technical Support.</i> [none low high] <i>ncdDiagMemoryDebugging</i> <i>ncdDiag 9</i></p>	c	i	n									

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M												
<p>diag-ncdnet-object-name Change Setup Parameters ⇒ Diagnostics ⇒ NCDnet Object Name</p> <p>NCDnet object on which the terminal listens for connections to the Diagnostic daemon. DIAGD (<i>filename</i>) <i>ncdDiagDnetObject</i> <i>ncdDiag 7</i></p>	s	b	n												
<p>diag-severe-system-errors Not available in the Setup menus.</p> <p>Action taken when a severe system error occurs. For HMX terminals only. <i>CAUTION: Do not reset this parameter unless directed to do so by NCD Technical Support.</i> [ignore warn abort] <i>ncdDiagSevere System Errors</i> <i>ncdDiag 8</i></p>	c	i	n												
<p>diag-tcp-port Change Setup Parameters ⇒ Diagnostics ⇒ TCP Port Number</p> <p>TCP port on which the terminal listens for connections to the Diagnostic daemon. Range: 1024 - 65535 (5978) <i>ncdDiagTcpPort</i> <i>ncdDiag 6</i></p>	i	b	n												
<p>diag-telnet-port Change Setup Parameters ⇒ Diagnostics ⇒ Telnet Port Number</p> <p>TELNET port on which the terminal listens for connections to the Diagnostic daemon. Range: 1024 - 65535 (5998) <i>ncdDiagTelnetPort</i> <i>ncdDiag 5</i></p>	i	b	n												
<p>diag-timestamp-frequency Change Setup Parameters ⇒ Diagnostics ⇒ Timestamp Frequency</p> <p>The maximum frequency (in seconds) at which timestamps are added to the diagnostic log. Range: 1 - 600 (1) <i>ncdDiagTimestampGranularity</i> <i>ncdDiag 2</i></p>	i	i	n												
dps group (HMX series and Explora 700 series terminals only)															
<p>dps-resource-path Change Setup Parameters ⇒ Display PostScript ⇒ DPS/X Resource Path</p> <p>The path searched for the DPS resource files. /usr/lib/X11/ncd/dps/: (<i>filename</i>) <i>ncdDpsResourcePath</i> <i>ncdDps 1</i></p>	s	b	n												
enet group															
<p>All enet-configuration parameters are <i>read-only</i> (see page 39).</p>															
exec group															
<p>exec-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (Local Command Execution Daemon section) Enable Execution Access Control</p> <p>Requests for access to the Local Command Execution daemon by remote systems are checked against the access control list. [true false] <i>ncdAccessExecdAccessControlEnabled</i> <i>ncdAccess 28</i></p>	b	i	n												
<p>exec-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (Local Command Execution Daemon section) Execution Access Control List</p> <p>Hosts in the access control list for the Local Command Execution daemon. By default, this is an empty table.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessExecdACTIndex/ncdAccessExecdAccessControlTable 1</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">—</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessExecdACTAddress/ncdAccessExecdAccessControlTable 2</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>family</i> [tipip <i>ncdnet</i>] } <i>ncdAccessExecdACTFamily/ncdAccessExecdAccessControlTable 3</i></td> <td style="text-align: center;">c</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> </table> <p><i>ncdAccessExecdAccessControlTable</i> <i>ncdAccess 29</i></p>	{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessExecdACTIndex/ncdAccessExecdAccessControlTable 1</i>	i	—	n	<i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessExecdACTAddress/ncdAccessExecdAccessControlTable 2</i>	s	i	n	<i>family</i> [tipip <i>ncdnet</i>] } <i>ncdAccessExecdACTFamily/ncdAccessExecdAccessControlTable 3</i>	c	i	n	t	i	n
{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessExecdACTIndex/ncdAccessExecdAccessControlTable 1</i>	i	—	n												
<i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessExecdACTAddress/ncdAccessExecdAccessControlTable 2</i>	s	i	n												
<i>family</i> [tipip <i>ncdnet</i>] } <i>ncdAccessExecdACTFamily/ncdAccessExecdAccessControlTable 3</i>	c	i	n												

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>exec-command-menu Change Setup Parameters ⇒ Commands and Startup ⇒ Command Menu</p> <p>Local commands listed in the default root window menu. The default items in the menu are "Show Console," "Start Terminal," "Start Dialer," "Start 3270," "Start 3179G," "Start Keymap Editor," "Show Version," "Show Memory," "Show X Connections," "Lock Screen," "Setup User Preferences," "Login," and "Logout."</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdExecCMIndex/ncdExecCommandsMenuTable 1</i></p> <p><i>menu-label</i> (nil) The menu item name. <i>ncdExecCMCommandsLabel/ncdExecCommandsMenuTable 2</i></p> <p><i>command</i> (nil; <i>command</i> is the command line for a local client, as listed in the <i>System Administrator's Guide</i>), <i>ncdExecCMCommandsCommand/ncdExecCommandsMenuTable 3</i></p> <p><i>ncdExecCommandsMenuTable</i> <i>ncdExec 3</i></p>	t	i	n
<p>exec-disabled-commands Change Setup Parameters ⇒ Commands and Startup ⇒ Disabled Commands</p> <p>Local commands disabled to prevent access by the user. By default, this is an empty table.</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdExecDCIndex/ncdExecDisabledCommandsTable 1</i></p> <p><i>command</i> (nil; <i>command</i> is the command name for a local client, as listed in the <i>System Administrator's Guide</i>) <i>ncdExecDCCommands/ncdExecDisabledCommandsTable 2</i></p> <p><i>ncdExecDisabledCommandsTable</i> <i>ncdExec 2</i></p>	t	i	n
<p>exec-startup-commands Change Setup Parameters ⇒ Commands and Startup ⇒ Startup Commands or Change Quick Setup ⇒ Session ⇒ X Session XDM/DECwindows Hostname, Terminal Session Type, and XRemote Session Start Window Manager</p> <p>Commands executed when the session starts. For most X servers, the default is login and console; for XRemote, the default is wm and serial.</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdExecSTCIndex/ncdExecStartupCommandsTable 1</i></p> <p><i>command</i> (nil; <i>command</i> is the command name for a local client, as listed in the <i>System Administrator's Guide</i>) <i>ncdExecSTCCommands/ncdExecStartupCommandsTable 2</i></p> <p><i>ncdExecStartupCommandsTable</i> <i>ncdExec 1</i></p>	t	i	n
<p>exec-user-access-control Change Setup Parameters ⇒ Access Control ⇒ Enable Execution User Access Control</p> <p>Requests to start local commands with a remote shell command are restricted to the user logged into the terminal. Takes effect only if the NCD Display Manager and XDM are running on the login host.</p> <p>[true false]</p> <p><i>ncdAccessExecdUserAccess</i> <i>ncdAccess 37</i></p>	b	i	n
file group			
<p>file-default-vms-file-name-extension Change Setup Parameters ⇒ File Service ⇒ Default VMS File Name Extension</p> <p>Default extension appended to a filename when referencing the file on a file server with VMS-style names.</p> <p>.DAT (.ext)</p> <p><i>ncdFileDfltVmsExtension</i> <i>ncdFile 11</i></p>	s	i	n
<p>file-enable-floppy-file-system Change Setup Parameters ⇒ File Service ⇒ Enable Floppy Filesystem</p> <p>The local floppy drive is accessible through the Local File Manager or from another host by NFS.</p> <p>[true false]</p> <p><i>ncdFileDosFloppyEnabled</i> <i>ncdFile 16</i></p>	b	b	n
<p>file-enable-nfs-server Change Setup Parameters ⇒ File Service ⇒ Enable NFS Server</p> <p>The NFS server starts at boot time so that the local file system is accessible to remote hosts by NFS.</p> <p>[true false]</p> <p><i>ncdFileNfsServerEnabled</i> <i>ncdFile 15</i></p>	b	b	n
<p>file-export-directory-list Change Setup Parameters ⇒ File Service ⇒ Export Directory List</p> <p>Access points (links to a local file system on a diskette or PC card) that are accessible to remote systems.</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdFileEDTIndex/ncdFileExportDirectoryTable 1</i></p> <p><i>export-directory</i> (nil) <i>ncdFileEDTExportDirectory/ncdFileExportDirectoryTable 2</i></p> <p><i>equivalent-physical-directory (/local)</i> } <i>ncdFileEDTEquivalentDirectory/ncdFileExportDirectoryTable 3</i></p> <p><i>ncdFileExportDirectoryTable</i> <i>ncdFile 17</i></p>	t	i	n
<p>file-extended-diagnostics Change Setup Parameters ⇒ File Service ⇒ Extended Diagnostics or Change Quick Setup ⇒ Files ⇒ Extended File Diagnostics</p> <p>The terminal generates more detailed diagnostic messages regarding file service.</p> <p>[true false]</p> <p><i>ncdFileExtendedDiagnostics</i> <i>ncdFile 7</i></p>	b	i	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M				
<p>file-failed-server-ignore-timeout Change Setup Parameters ⇒ File Service ⇒ Failed Server Ignore Timeout</p> <p>How long (in seconds) that a file server that has failed due to a network timeout error is ignored. Range: 0 - 600 (120) <i>ncdFileServerHolddownTime</i> <i>ncdFile 9</i></p>	i	i	n				
<p>file-initial-protocol-1 Change Setup Parameters ⇒ File Service ⇒ Initial Protocol 1 or Change Quick Setup ⇒ Files ⇒ File Service Protocol</p> <p>File service protocol used for file access on the primary initial file server. [tftp nfs ncdnet nfs/tcp local smb use-boot-protocol] <i>ncdFileInitialFileServer1Protocol</i> <i>ncdFile 2</i></p>	c	b	y				
<p>file-initial-protocol-2 Change Setup Parameters ⇒ File Service ⇒ Initial Protocol 2 or Change Quick Setup ⇒ Files ⇒ Backup File Service Protocol</p> <p>File service protocol used for file access on the secondary initial file server. [tftp nfs ncdnet nfs/tcp local smb use-boot-protocol] <i>ncdFileInitialFileServer2Protocol</i> <i>ncdFile 4</i></p>	c	b	y				
<p>file-initial-server-1 Change Setup Parameters ⇒ File Service ⇒ Initial File Server 1 or Change Quick Setup ⇒ Files ⇒ File Server Address</p> <p>Host used as the primary file server at boot time to load the initial configuration file. If set to 0.0.0.0, the boot host is an initial file server. 0.0.0.0 (<i>hostname</i> or <i>ip_address</i>) <i>ncdFileInitialFileServer1</i> <i>ncdFile 1</i></p>	s	b	y				
<p>file-initial-server-2 Change Setup Parameters ⇒ File Service ⇒ Initial File Server 2 or Change Quick Setup ⇒ Files ⇒ Backup File Server Address</p> <p>Host used as the secondary file server at boot time to load the initial configuration file. If set to 0.0.0.0, the boot host is an initial file server. 0.0.0.0 (<i>hostname</i> or <i>ip_address</i>) <i>ncdFileInitialFileServer2</i> <i>ncdFile 3</i></p>	s	b	y				
<p>file-manager-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (File Manager section) Enable File Manager Access Control</p> <p>Host-based access control is enabled for remote requests to the File Manager daemon. [true false] <i>ncdAccessFiledAccessControlEnabled</i> <i>ncdAccess 34</i></p>	b	i	n				
<p>file-manager-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (File Manager section) File Manager Access Control List</p> <p>Hosts in the access control list for the File Manager daemon. By default, this is an empty table.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;"> { <i>index</i> (<i>no default</i>) (read-only—used by SNMP only) <i>ncdAccessFiledACTIndex/ncdAccessFiledAccessControlTable 1</i> <i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessFiledACTAddress/ncdAccessFiledAccessControlTable 2</i> <i>family</i> [tcpip ncdnet] } <i>ncdAccessFiledACTFamily/ncdAccessFiledAccessControlTable 3</i> </td> <td style="width: 10%; text-align: center; vertical-align: top;">i s c</td> <td style="width: 10%; text-align: center; vertical-align: top;">— i i</td> <td style="width: 10%; text-align: center; vertical-align: top;">n n n</td> </tr> </table> <p><i>ncdAccessFiledAccessControlTable</i> <i>ncdAccess 35</i></p>	{ <i>index</i> (<i>no default</i>) (read-only—used by SNMP only) <i>ncdAccessFiledACTIndex/ncdAccessFiledAccessControlTable 1</i> <i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessFiledACTAddress/ncdAccessFiledAccessControlTable 2</i> <i>family</i> [tcpip ncdnet] } <i>ncdAccessFiledACTFamily/ncdAccessFiledAccessControlTable 3</i>	i s c	— i i	n n n	t	i	n
{ <i>index</i> (<i>no default</i>) (read-only—used by SNMP only) <i>ncdAccessFiledACTIndex/ncdAccessFiledAccessControlTable 1</i> <i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessFiledACTAddress/ncdAccessFiledAccessControlTable 2</i> <i>family</i> [tcpip ncdnet] } <i>ncdAccessFiledACTFamily/ncdAccessFiledAccessControlTable 3</i>	i s c	— i i	n n n				
<p>file-manager-ncdnet-object-name Change Setup Parameters ⇒ File Manager ⇒ NCDnet Object Name</p> <p>NCDnet object on which the terminal listens for NCDnet connections to the File Manager daemon. FILED (<i>object_name</i>) <i>ncdFileManagerDnetObject</i> <i>ncdFile 14</i></p>	s	b	n				
<p>file-manager-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (File Manager section) Password</p> <p>Password for accessing the Local File Manager. This value is stored in NVRAM optional string space. nil (<i>password</i>) <i>ncdAccessFileManagerPasswd</i> <i>ncdAccess 33</i></p>	s	i	y				
<p>file-manager-tcp-port Change Setup Parameters ⇒ File Manager ⇒ TCP Port Number</p> <p>TCP port on which the terminal listens for raw TCP connections to the File Manager daemon. Range: 1024 - 65535 (5976) <i>ncdFileManagerTcpPort</i> <i>ncdFile 13</i></p>	i	b	n				
<p>file-manager-telnet-port Change Setup Parameters ⇒ File Manager ⇒ Telnet Port Number</p> <p>TCP port on which the terminal listens for TELNET connections to the File Manager daemon. Range: 1024 - 65535 (5996) <i>ncdFileManagerTelnetPort</i> <i>ncdFile 12</i></p>	i	b	n				

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>file-name-type-for-initial-tftp-servers Change Setup Parameters ⇒ File Service ⇒ Name Type for Initial TFTP Servers or Change Quick Setup ⇒ Files ⇒ Name Type for Initial File Servers</p> <p>Type of filenames sent via TFTP for the initial file servers. [unix vms] ncdFileInitialFileServersUseVmsTftp ncdFile 5</p>	c	b	y
<p>file-nfs-access-control-default Change Setup Parameters ⇒ Access Control ⇒ (NFS section) NFS Server Access Control Default</p> <p>The default access control policy for requests to the NFS server. [read-write no-access read-only] ncdAccessNfsdAccessControlDefault ncdAccess 39</p>	c	i	n
<p>file-nfs-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (NFS section) NFS Server Access Control List</p> <p>Hosts that can access the NFS server daemon when the access control policy permits access.</p> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) ncdAccessNfsdACTIndex/ncdAccessNfsdAccessControlTable 1 local-system [/local /xfloppy] ncdAccessNfsdACTFileSystem/ncdAccessNfsdAccessControlTable 2 hostname (0.0.0.0) ncdAccessNfsdACTHost/ncdAccessNfsdAccessControlTable 3 permission [no-access read-only read-write] } ncdAccessNfsdACTPermission/ncdAccessNfsdAccessControlTable 4 ncdAccessNfsdAccessControlTable ncdAccess 40</p>	t	i	n
<p>file-nfs-gid Not available in the Setup menus.</p> <p>Group id for NFS and RPC requests. The default is -2, which is equivalent to world permissions. Range: -2147483648 - 2147483647 (-2) ncdAccessNfsGroupid ncdAccess 27</p>	i	i	n
<p>file-nfs-uid Not available in the Setup menus.</p> <p>User id for NFS and RPC requests. The default is -2, which is equivalent to world permissions. Range: -2147483648 - 2147483647 (-2) ncdAccessNfsUserId ncdAccess 26</p>	i	i	n
<p>file-nfs-unmount-timeout Change Setup Parameters ⇒ File Service ⇒ NFS Unmount Timeout</p> <p>How long (in seconds) after the last reference to an NFS file service entry before the terminal notifies the server that it no longer requires access to the file system. An unmounted system is remounted when needed. Range: 1 - 3600 (1800) ncdFileUnmountTime ncdFile 10</p>	i	i	n
<p>file-service-table Change Setup Parameters ⇒ File Service ⇒ File Service Table</p> <p>How file service access to the host file system is configured. By default, this table is filled in at boot time, based on the network environment.</p> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) ncdFileSTIndex/ncdFileServiceTable 1 local-unix-mount-point (nil) ncdFileSTLocalUnixMountPoint/ncdFileServiceTable 2 local-vms-mount-point (nil) ncdFileSTLocalVmsMountPoint/ncdFileServiceTable 3 server (nil) ncdFileSTServerAddress/ncdFileServiceTable 4 protocol [tftp nfs ncdnet nfs/tcp local smb use-boot-protocol] ncdFileSTProtocol/ncdFileServiceTable 5 server-mount-point (nil) ncdFileSTServerMountPoint/ncdFileServiceTable 6 file-name-type [unknown unix vms] ncdFileSTFileNameType/ncdFileServiceTable 7 retransmission-timeout (Range: 0 - 4294967295 (3)) ncdFileSTRetransTimeout/ncdFileServiceTable 8 transaction-timeout (Range: 0 - 100000 (30)) ncdFileSTTransTimeout/ncdFileServiceTable 9 read-size (Range: 0 - 8192 (8192)) (applies to all protocols) ncdFileSTReadSize/ncdFileServiceTable 10 write-size (Range: 0 - 8192 (8192)) } (applies to all protocols) ncdFileSTWriteSize/ncdFileServiceTable 11 ncdFileServiceTable ncdFile 6</p>	t	i	n
<p>file-smb-default-password (write-only) Not available in the Setup menus.</p> <p>Specifies the default password to use in SMB file service protocol access authorization. ncdSMBDefaultPassword ncdFile 19</p>	s	i	n
<p>file-smb-default-username Not available in the Setup menus.</p> <p>Specifies the default username to use in SMB file service protocol access authorization. [guest] ncdSMBDefaultUsername ncdFile 18</p>	s	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>file-try-all-matches-on-open Change Setup Parameters ⇒ File Service ⇒ Try All Matches on Open</p> <p>The terminal tries all file service entries that match until it succeeds or there are no more matches. [true false] ncdFileRegressiveSearch ncdFile 8</p>	b	i	n
font and icmp groups			
ica group			
<p>ica-chooser-entries Not in Setup menus; available in the Utilities ⇒ Windows Access.</p> <p>ICA Login Chooser entry table. <i>CAUTION: Do not try to set this parameter manually by editing the remote configuration file.</i> This parameter is set in the remote configuration file by the Console ⇒ Utilities ⇒ Windows Access dialog box. See the <i>NCDware System Administrator's Guide</i> for more information about this parameter and the ICA client.</p> <p>{ index } (no default) (read-only—used by SNMP only) ncdICAShooserEntryIndex/ncdICAConfiguration 3 ica-chooser-entry [nil] ncdICAChooserEntry/ncdICAConfiguration 4 ncdICA 5 ncdICAConfiguration 3</p>	t i s	i — i	n n n
<p>ica-enable-chooser-editing Not available in the Setup menus.</p> <p>Enables editing of ICA Login Chooser entry options. [true false] ncdICAEditingEnabled ncdICA 2</p>	b	ss	n
<p>ica-extended diagnostics Change Setup Parameters ⇒ ICA ⇒ Extended ICA Diagnostics</p> <p>Enables ICA client to generate detailed diagnostic messages about ICA service. [true false] ncdICAExtendedDiagnostics ncdICA 8</p>	b	i	n
<p>ica-retry-attempts Change Setup Parameters ⇒ ICA ⇒ Retry Attempts</p> <p>Specifies the number of retries to find the ICA master browser or server before timing out. Range: 0 - 6 (1) ncdICARetryAttempts ncdICA 7</p>	i	i	n
<p>ica-wait-time Change Setup Parameters ⇒ ICA ⇒ ICA Browser Wait Timeout (milliseconds)</p> <p>Specifies the amount of time the ICA client waits for response from the ICA master browser or server before timing out. Range: 100-5000 (500) ncdICABrowserWaitTime ncdICA 6</p>	i	i	n
ip group			
<p>ip-address-at-next-boot Change Setup Parameters ⇒ IP ⇒ IP Address At Next Boot or Change Quick Setup ⇒ Network ⇒ Terminal IP Address at Next Boot</p> <p>The terminal's IP address the next time it boots. 0.0.0.0 (ip_address) ncdIpNewAddress ncdIp 1</p>	s	b	y
<p>ip-broadcast-address Change Setup Parameters ⇒ IP ⇒ Broadcast Address or Change Quick Setup ⇒ Network ⇒ Broadcast IP Address</p> <p>Address for sending broadcast packets and receiving broadcast packets from a non-standard IP broadcast address. 255.255.255.255 (ip_address) No SNMP name</p>	s	i	y
<p>ip-default-packet-time-to-live Change Setup Parameters ⇒ IP ⇒ Default Packet Time-to-Live</p> <p>Value inserted into the IP header's Time-to-Live field of datagrams originating at this entity. Range: 1 - 255 (255) ipDefaultTTL ip 2</p>	i	i	n
<p>ip-equivalent-addresses Change Setup Parameters ⇒ IP ⇒ Equivalent IP Addresses</p> <p>Addresses in the list of IP addresses that originate on the same host. This parameter is used for receiving UDP packets from multi-homed hosts. By default, this is an empty table.</p> <p>{ equivalent-ip-address-table-index (no default) (read-only—used by SNMP only) ncdIpEATIndex/ncdIpEquivAddressesTable 1 addresses (nil) ncdIpEATAddresses/ncdIpEquivAddressesTable 2 ncdIpEquivAddressesTable ncdIp 11</p>	t i s	i — i	n n n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M																																																																	
<p>ip-extended-routing-diagnostics Change Setup Parameters ⇒ IP ⇒ Extended Routing Diagnostics</p> <p>The terminal generates more detailed diagnostic messages about IP routing. [true false] <i>ncdIpRouteExtendedDiagnostics</i> <i>ncdIp 8</i></p>	b	i	n																																																																	
<p>ip-initial-default-gateway-1 Change Setup Parameters ⇒ IP ⇒ Initial Default Gateway 1 or Change Quick Setup ⇒ Network ⇒ Gateway IP Address</p> <p>Primary default IP gateway; value may change during normal terminal operation. If set to 0.0.0.0, the boot host is an initial default gateway. 0.0.0.0 (<i>ip_address</i>) <i>ncdIpInitDfltGateway1</i> <i>ncdIp 2</i></p>	s	b	y																																																																	
<p>ip-initial-default-gateway-2 Change Setup Parameters ⇒ IP ⇒ Initial Default Gateway 2</p> <p>Secondary default IP gateway; value may change during normal terminal operation. If set to 0.0.0.0, the boot host is an initial default gateway. 0.0.0.0 (<i>ip_address</i>) <i>ncdIpInitDfltGateway2</i> <i>ncdIp 3</i></p>	s	b	y																																																																	
<p>ip-respond-to-broadcast-icmp Change Setup Parameters ⇒ IP ⇒ Respond to Broadcast ICMP</p> <p>The terminal responds to ICMP request messages sent to an IP broadcast address. [true false] <i>ncdIpRspToBcastIcmp</i> <i>ncdIp 9</i></p>	b	i	n																																																																	
<p>ip-routing-table Change Setup Parameters ⇒ IP ⇒ Routing Table</p> <p>The current routes to remote hosts and networks. This table is filled in at boot time and changes over time.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">{ <i>destination</i> (0.0.0.0)</td> <td style="padding-left: 20px;"><i>ipRouteDest/ipRouteTable 1</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>gateway</i> (0.0.0.0)</td> <td style="padding-left: 20px;"><i>ipRouteNextHop/ipRouteTable 7</i></td> <td style="text-align: center;">s</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>preference</i> (Range: -2147483648 - 2147483647 (0))</td> <td style="padding-left: 20px;"><i>ipRouteMetric1/ipRouteTable 3</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>type</i> [dynamic static]</td> <td style="padding-left: 20px;"><i>ipRouteType/ipRouteTable 8</i></td> <td style="text-align: center;">c</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>creation-method</i> [snmp icmp local proxy-arp]</td> <td style="padding-left: 20px;"><i>ipRouteProto/ipRouteTable 9</i></td> <td style="text-align: center;">c</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>birth</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)</td> <td style="padding-left: 20px;"><i>ipRouteAge/ipRouteTable 10</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">—</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>time-to-live</i> (Range: -1 - 2147483647 (-1))</td> <td style="padding-left: 20px;"><i>ipRouteMetric5/ipRouteTable 11</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>destination-type</i> [network host]</td> <td style="padding-left: 20px;"><i>ipDestType/ipRouteTable 12</i></td> <td style="text-align: center;">c</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>route-mask</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)</td> <td style="padding-left: 20px;"><i>ipRouteMask/ipRouteTable 13</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">—</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>interface-index</i> (read-only—<i>used by SNMP only</i>)</td> <td style="padding-left: 20px;"><i>ipRouteIfIndex/ipRouteTable 2</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">—</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>metric-2</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)</td> <td style="padding-left: 20px;"><i>ipRouteMetric2/ipRouteTable 4</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>metric-3</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)</td> <td style="padding-left: 20px;"><i>ipRouteMetric3/ipRouteTable 5</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> <tr> <td style="padding-left: 20px;"><i>metric-4</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)</td> <td style="padding-left: 20px;"><i>ipRouteMetric4/ipRouteTable 6</i></td> <td style="text-align: center;">i</td> <td style="text-align: center;">i</td> <td style="text-align: center;">n</td> </tr> </table> <p><i>ipRouteTable</i> <i>ip 21</i></p>	{ <i>destination</i> (0.0.0.0)	<i>ipRouteDest/ipRouteTable 1</i>	s	i	n	<i>gateway</i> (0.0.0.0)	<i>ipRouteNextHop/ipRouteTable 7</i>	s	i	n	<i>preference</i> (Range: -2147483648 - 2147483647 (0))	<i>ipRouteMetric1/ipRouteTable 3</i>	i	i	n	<i>type</i> [dynamic static]	<i>ipRouteType/ipRouteTable 8</i>	c	i	n	<i>creation-method</i> [snmp icmp local proxy-arp]	<i>ipRouteProto/ipRouteTable 9</i>	c	i	n	<i>birth</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)	<i>ipRouteAge/ipRouteTable 10</i>	i	—	n	<i>time-to-live</i> (Range: -1 - 2147483647 (-1))	<i>ipRouteMetric5/ipRouteTable 11</i>	i	i	n	<i>destination-type</i> [network host]	<i>ipDestType/ipRouteTable 12</i>	c	i	n	<i>route-mask</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)	<i>ipRouteMask/ipRouteTable 13</i>	i	—	n	<i>interface-index</i> (read-only— <i>used by SNMP only</i>)	<i>ipRouteIfIndex/ipRouteTable 2</i>	i	—	n	<i>metric-2</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric2/ipRouteTable 4</i>	i	i	n	<i>metric-3</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric3/ipRouteTable 5</i>	i	i	n	<i>metric-4</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric4/ipRouteTable 6</i>	i	i	n	t	i	n
{ <i>destination</i> (0.0.0.0)	<i>ipRouteDest/ipRouteTable 1</i>	s	i	n																																																																
<i>gateway</i> (0.0.0.0)	<i>ipRouteNextHop/ipRouteTable 7</i>	s	i	n																																																																
<i>preference</i> (Range: -2147483648 - 2147483647 (0))	<i>ipRouteMetric1/ipRouteTable 3</i>	i	i	n																																																																
<i>type</i> [dynamic static]	<i>ipRouteType/ipRouteTable 8</i>	c	i	n																																																																
<i>creation-method</i> [snmp icmp local proxy-arp]	<i>ipRouteProto/ipRouteTable 9</i>	c	i	n																																																																
<i>birth</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)	<i>ipRouteAge/ipRouteTable 10</i>	i	—	n																																																																
<i>time-to-live</i> (Range: -1 - 2147483647 (-1))	<i>ipRouteMetric5/ipRouteTable 11</i>	i	i	n																																																																
<i>destination-type</i> [network host]	<i>ipDestType/ipRouteTable 12</i>	c	i	n																																																																
<i>route-mask</i> (Range: 0 - 4294967295; <i>no default</i>) (read-only)	<i>ipRouteMask/ipRouteTable 13</i>	i	—	n																																																																
<i>interface-index</i> (read-only— <i>used by SNMP only</i>)	<i>ipRouteIfIndex/ipRouteTable 2</i>	i	—	n																																																																
<i>metric-2</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric2/ipRouteTable 4</i>	i	i	n																																																																
<i>metric-3</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric3/ipRouteTable 5</i>	i	i	n																																																																
<i>metric-4</i> (Range: 1 - 4294967295 (0)) (<i>used by SNMP only</i>)	<i>ipRouteMetric4/ipRouteTable 6</i>	i	i	n																																																																
<p>ip-subnet-mask Change Setup Parameters ⇒ IP ⇒ Subnet Mask or Change Quick Setup ⇒ Network ⇒ Subnet Mask</p> <p>IP subnet mask used to determine the portions of the terminal's IP address that correspond to the network number and the host number. Range: 0 - 4294967295 (4294967040 or 255.255.255.0; in hexadecimal notation, 0xFFFFFFFF00) <i>ncdIpSubnetAddr</i> <i>ncdIp 10</i></p>	i	i	y																																																																	
<p>ip-use-address-discovery Change Setup Parameters ⇒ IP ⇒ Use Address Discovery</p> <p>The terminal uses IP addresses supplied by BOOTP/DHCP. [true false] <i>ncdIpDynamicAddressDiscovery</i> <i>ncdIp 4</i></p>	b	b	y																																																																	
<p>ip-use-proxy-arp Change Setup Parameters ⇒ IP ⇒ Use Proxy Arp</p> <p>Proxy ARP is used to resolve routes to hosts for which there are no routes in the IP routing table. Specifying default gateways overrides use of proxy ARP. [true false] <i>ncdIpUseProxyArp</i> <i>ncdIp 5</i></p>	b	i	y																																																																	
<p>ip-use-router-discovery Change Setup Parameters ⇒ IP ⇒ Use Router Discovery or Change Quick Setup ⇒ Network ⇒ Use Address Discovery</p> <p>The terminal modifies its IP routing table based on receipt of ICMP router discovery messages. [true false] <i>ncdIpUseRouterDiscovery</i> <i>ncdIp 6</i></p>	b	i	y																																																																	

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<i>ip-use-router-solicit</i> Change Setup Parameters ⇒ IP ⇒ Use Router Solicit The terminal sends ICMP router discovery solicitation messages at boot time. [true false] <i>ncdIpUseRouterDiscoverySolicit</i> <i>ncdIp 7</i>	b	b	y
java group			
<i>java-appletviewer-command</i> Change Setup Parameters ⇒ Java ⇒ AppletViewer command Java command line for starting the AppletViewer. "java ncd.applet.NCDAppletViewer" (<i>command</i>) <i>ncdJavaAppletViewerCmd</i> <i>ncdJava 2</i>	s	i	n
<i>java-cache-class-file</i> Change Setup Parameters ⇒ Java ⇒ Cache Class File The Java classes shipped with NCDware are loaded and cached in memory. [true false] <i>ncdJavaCacheClassFile</i> <i>ncdJava 3</i>	b	i	n
<i>java-directory</i> Change Setup Parameters ⇒ Java ⇒ Java Directory Pathname of the directory where Java class and properties files are located. Defaults to the location of the X server files. <i>nil</i> (<i>directory</i>) <i>ncdJavaDirectory</i> <i>ncdJava 1</i>	s	i	n
<i>java-web-colors</i> Change Setup Parameters ⇒ Java ⇒ Use Web Palette Allocates the set of colors used by Java when displaying images. By default, Java uses the Web Palette set of colors normally used by the Netscape browser. If false, colors are allocated using an algorithm that produces a broad range of colors without using most of the colormap. [true false] <i>ncdJavaWebColors</i> <i>ncdJava 4</i>	b	i	n
lat group			
<i>lat-circuit-flush-timeout</i> Change Setup Parameters ⇒ LAT ⇒ Circuit Flush Timeout How long (in milliseconds) that input characters are queued before the terminal flushes data. Range: 0 - 100 (80) <i>ncdLatCircuitFlushTimeout</i> <i>ncdLat 2</i>	i	i	n
<i>lat-connect-timeout</i> Change Setup Parameters ⇒ LAT ⇒ Connect Timeout Elapsed time (in seconds) between a LAT connection attempt and a lack of response before a failure is declared. Range: 1 - 600 (20) <i>ncdLatConnectTimeout</i> <i>ncdLat 1</i>	i	i	n
<i>lat-keepalive-timeout</i> Change Setup Parameters ⇒ LAT ⇒ Keepalive Timeout How long (in seconds) that an established LAT connection is inactive before a LAT keepalive packet is sent. Range: 0 - 255 (20) <i>ncdLatKeepaliveTimeout</i> <i>ncdLat 5</i>	i	i	n
<i>lat-retransmission-limit</i> Change Setup Parameters ⇒ LAT ⇒ Retransmission Limit How many times a LAT packet is retransmitted before the connection is considered a failure. Range: 4 - 120 (8) <i>ncdLatRetransLimit</i> <i>ncdLat 4</i>	i	i	n
<i>lat-retransmission-timeout</i> Change Setup Parameters ⇒ LAT ⇒ Retransmission Timeout Elapsed time (in milliseconds) between consecutive retransmissions of LAT data packets on an established connection. Range: 100 - 60000 (2000) <i>ncdLatRetransTimeout</i> <i>ncdLat 3</i>	i	i	n
<i>lat-service-directory-max-size</i> Change Setup Parameters ⇒ LAT ⇒ Service Directory Max Size The maximum number of entries in the LAT service directory. To decrease the size of the service directory, you must change the value in the initial configuration file. You can increase the size after the terminal boots. Range: 25 - 1000 (100) (For terminals connected to Token-Ring networks, this value is 0 by default.) <i>ncdLatMaxDirEntries</i> <i>ncdLat 7</i>	i	i	n
<i>lat-service-groups</i> Change Setup Parameters ⇒ LAT ⇒ Service Groups LAT service groups from which service advertisements are added to the LAT service directory. 0 (<i>service_groups</i>) <i>ncdLatGroupCodes</i> <i>ncdLat 6</i>	s	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
login group			
login-default-hosts Change Setup Parameters ⇒ Login ⇒ Default Hosts Hosts presented to the user in the Login Chooser. By default, this is an empty table. { <i>index (no default) (used by SNMP only)</i> <i>ncdLoginDHTIndex/ncdLoginDfltHostsTable 1</i> <i>network [tcp ncdnet]</i> <i>ncdLoginDHTNetwork/ncdLoginDfltHostsTable 2</i> <i>hostname</i> or <i>@hostname (nil)</i> (Hosts specified without the @ preceding <i>hostname</i> are contacted by direct query; hosts specified with the @ are contacted by indirect query.) <i>ncdLoginDHTHost/ncdLoginDfltHostsTable 3</i> <i>description (nil) }</i> <i>ncdLoginDHTDescription/ncdLoginDfltHostsTable 4</i> <i>ncdLoginDfltHostsTable</i> <i>ncdLogin 1</i>	t	i	n
login-disabled-networks Change Setup Parameters ⇒ Login ⇒ Disabled Networks Networks that are not available for terminal connections. By default, this is an empty table. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdLoginDNTIndex/ncdLoginDisabledNetTable 1</i> <i>network (nil) }</i> <i>ncdLoginDNTName/ncdLoginDisabledNetTable 2</i> <i>ncdLoginDisabledNetTable</i> <i>ncdLogin 3</i>	t	i	n
login-dwlogin-name Change Setup Parameters ⇒ Login ⇒ (DWLOGIN section) Login Name Login account name for invoking the VMS DECwindows login banner. <i>NDS_LOGIN</i> (<i>account_name</i>) <i>ncdLoginDwLoginAccount</i> <i>ncdLogin 13</i>	s	i	n
login-dwlogin-password Change Setup Parameters ⇒ Login ⇒ (DWLOGIN section) Login Password Login account password for invoking the VMS DECwindows login banner. " " password (By default, the null string, equivalent to the password.) <i>ncdLoginDwPassword</i> <i>ncdLogin 14</i>	s	i	n
login-ica-enabled Change Setup Parameters ⇒ Login ⇒ Enable ICA Broadcast Allows ICA broadcast messages from the ICA master browser to the server and published applications. [true false] <i>ncdLoginICAEnabled</i> <i>ncdICA 17</i>	b	i	n
login-ncddm-enabled Change Setup Parameters ⇒ Login ⇒ (NCDDM section) Enabled The NCD Display Manager (<i>ncddm</i>) on the login host is queried for the username, home directory, and NFS GID and UID of the user logged in on the terminal. The login host must be running XDM. [true false] <i>ncdLoginNCDDmEnabled</i> <i>ncdLogin 15</i>	b	i	n
login-ncddm-tcp-port Change Setup Parameters ⇒ Login ⇒ (NCDDM section) NCD Display Manager TCP Port Number The TCP port on which the NCD Display Manager (<i>ncddm</i>) listens for requests for user information. Range: 0 - 65535 (677) <i>ncdLoginNCDDmTcpPort</i> <i>ncdLogin 16</i>	i	i	n
login-restrict-host-choices Change Setup Parameters ⇒ Login ⇒ Restrict Host Choices Restricts the user to selecting a login host from those listed in the Login Chooser's default hosts list. [true false] <i>ncdLoginRestrictConnectionChoices</i> <i>ncdLogin 2</i>	b	i	n
login-window-delay-time Change Setup Parameters ⇒ Login ⇒ Window Delay Time How long (in seconds) that the terminal waits before displaying the Login Chooser if the selected host does not respond. Range: 0 - 4294967295 (3) <i>ncdLoginAutoMapDelay</i> <i>ncdLogin 4</i>	i	i	n
login-xdm-action-on-disconnect Change Setup Parameters ⇒ Login ⇒ (XDM section) What to do when XDM disconnects Action when XDM disconnects from the display. "Logout" ends the session without displaying a dialog box. "prompt" displays a dialog box. "ignore" continues the session without displaying a dialog box. [logout prompt ignore] <i>ncdXdmpcWhenFirstClientExits</i> <i>ncdXdmpc 8</i>	c	i	n
login-xdm-authentication-key (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (X Server section) XDM Authentication Key Key for authorized client connection requests. <i>nil</i> (<i>key</i>) <i>ncdAccessXdmAuthCookie</i> <i>ncdAccess 1</i>	s	ss	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M												
<p>login-xdm-broadcast-wait-time Change Setup Parameters ⇒ Login ⇒ (XDM section) Wait for Broadcasts for (seconds)</p> <p>How long (in seconds) that the terminal waits for responses to the XDM broadcast query before displaying the results to the user in the Login Chooser. Late responses are appended to the displayed list. Range: 0 - 4294967295 (3) <i>ncdXdmcpBroadcastWaitTime</i> <i>ncdXdmcp 5</i></p>	i	i	n												
<p>login-xdm-broadcasts Change Setup Parameters ⇒ Login ⇒ (XDM section) What to do with XDMCP Broadcasts</p> <p>How the terminal handles XDM broadcasts and indirect queries. "use-first"—terminal sends a broadcast and uses the first response. "prompt"—the terminal sends a broadcast, collects responses, and displays them in a Login Chooser. "ignore"—broadcasts are disabled. [use-first prompt ignore] <i>ncdXdmcpBroadcasts</i> <i>ncdXdmcp 6</i></p>	c	i	n												
<p>login-xdm-display-class Change Setup Parameters ⇒ Login ⇒ (XDM section) XDM Display Class</p> <p>XDMCP Display Class to use instead of the default. The default depends on the terminal type—<i>ncdhm</i>x or <i>ncdxpl</i>. nil (<i>display_class</i>) <i>ncdXdmcpDisplayClass</i> <i>ncdXdmcp 3</i></p>	s	i	n												
<p>login-xdm-indirects Change Setup Parameters ⇒ Login ⇒ (XDM section) What to do with XDMCP Indirects</p> <p>How the terminal handles XDM indirect queries. "use-first"—the terminal sends an indirect query and displays a banner. "prompt"—the terminal sends an indirect query and displays a Login Chooser. [use-first prompt] <i>ncdXdmcpIndirects</i> <i>ncdXdmcp 7</i></p>	c	i	n												
<p>login-xdm-keepalives-begin-time Change Setup Parameters ⇒ Login ⇒ (XDM section) Begin Sending Keepalives after (minutes)</p> <p>How long (in minutes) to verify that the XDM session host is still running (by sending XDMCP keepalives). Range: 0 - 4294967295 (3) <i>ncdXdmcpSendKeepAlivesTime</i> <i>ncdXdmcp 1</i></p>	i	i	n												
<p>login-xdm-keepalives-wait-time Change Setup Parameters ⇒ Login ⇒ (XDM section) Wait for Keepalive Responses for (seconds)</p> <p>Elapsed time (in seconds) from the start of XDM dead session testing before a failure is declared. Range: 0 - 4294967295 (30) <i>ncdXdmcpKeepAlivesDeadTime</i> <i>ncdXdmcp 2</i></p>	i	i	n												
modules group															
<p>modules-directory Change Setup Parameters ⇒ Loadable Modules ⇒ Loadable Modules Directory or Change Quick Setup ⇒ Files ⇒ Loadable Modules Directory</p> <p>Directory that contains the loadable X server modules. See the <i>System Administrator's Guide for UNIX Systems</i> for information about where the NCD installation program places the loadable modules directory. nil (<i>dir_name</i>) <i>ncdModulesDirectory</i> <i>ncdModules 1</i></p>	s	i	n												
<p>modules-load-policy Change Setup Parameters ⇒ Loadable Modules ⇒ Load Policy</p> <p>When X server modules are loaded. "on-demand" loads the module when needed and unloads it when memory is needed or the user logs out. "at-boot" loads the module at boot time. "disable" prevents the module from loading.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>{ index (no default) (read-only—used by SNMP only) ncdModulesLoadPolicyIndex/ncdModulesLoadPolicyTable 1</i> </td> <td style="width: 5%; text-align: center; vertical-align: middle;">i</td> <td style="width: 5%; text-align: center; vertical-align: middle;">—</td> <td style="width: 40%; text-align: right; vertical-align: middle;">n</td> </tr> <tr> <td style="vertical-align: top;"> <i>name (nil) ncdModulesLoadPolicyName/ncdModulesLoadPolicyTable 2</i> </td> <td style="text-align: center; vertical-align: middle;">s</td> <td style="text-align: center; vertical-align: middle;">i</td> <td style="text-align: right; vertical-align: middle;">n</td> </tr> <tr> <td style="vertical-align: top;"> <i>policy [on-demand at-boot disable] } ncdModulesLoadPolicyLoadAction/ncdModulesLoadPolicyTable 3</i> </td> <td style="text-align: center; vertical-align: middle;">c</td> <td style="text-align: center; vertical-align: middle;">i</td> <td style="text-align: right; vertical-align: middle;">n</td> </tr> </table> <p><i>ncdModulesLoadPolicy</i> <i>ncdModules 2</i></p>	<i>{ index (no default) (read-only—used by SNMP only) ncdModulesLoadPolicyIndex/ncdModulesLoadPolicyTable 1</i>	i	—	n	<i>name (nil) ncdModulesLoadPolicyName/ncdModulesLoadPolicyTable 2</i>	s	i	n	<i>policy [on-demand at-boot disable] } ncdModulesLoadPolicyLoadAction/ncdModulesLoadPolicyTable 3</i>	c	i	n	t	i	n
<i>{ index (no default) (read-only—used by SNMP only) ncdModulesLoadPolicyIndex/ncdModulesLoadPolicyTable 1</i>	i	—	n												
<i>name (nil) ncdModulesLoadPolicyName/ncdModulesLoadPolicyTable 2</i>	s	i	n												
<i>policy [on-demand at-boot disable] } ncdModulesLoadPolicyLoadAction/ncdModulesLoadPolicyTable 3</i>	c	i	n												

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
ncd3270 group			
ncd3270-default-hosts Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ Default Hosts Hosts that are listed by default in the 3270 Host Chooser. { <i>index</i> (no default) (read-only—used by SNMP only) <i>ncd3270DCTIndex/ncd3270DfltConnectionTable 1</i> <i>protocol</i> (telnet pu2.1) <i>ncd3270DCTProtocol/ncd3270DfltConnectionTable 2</i> <i>hostname</i> or <i>ip_address</i> (nil) <i>ncdTermDCTHost/ncd3270DfltConnectionTable 3</i> <i>port</i> (23) <i>ncdTermDCTPort/ncd3270DfltConnectionTable 4</i> <i>model</i> model-2 model-3 model-4 model-5 <i>ncd3270DCTModel/ncd3270DfltConnectionTable 5</i> <i>description</i> (nil) } <i>ncdTermDCTDescription/ncd3270DfltConnectionTable 6</i> <i>ncd3270DfltConnectionTable</i> <i>ncd3270 1</i>	t	i	n
ncd3270-default-model Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ NCD3270 Default Model The default 3270 model. [model-2 model-3 model-4 model-5] <i>ncd3270DefaultModel</i> <i>ncd3270 4</i>	c	i	n
ncd3270-default-protocol Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ NCD3270 Default Protocol The default connection protocol. [telnet pu2.1] <i>ncd3270DefaultProtocol</i> <i>ncd3270 3</i>	c	i	n
ncd3270-ehllapia-default-port Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ EHLLAPI A Default tcp Port The default TCP port for EHLLAPI connections. Range: 0 - 65535 (5022) <i>ncd3270EhllapiaDefaultPort</i> <i>ncd3270 9</i>	i	i	n
ncd3270-pu21-default-host Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ PU2.1 Default Host The default host for Brixton PU2.1 connections. nil (<i>hostname</i> or <i>ip_address</i>) <i>ncd3270PU21DefaultHost</i> <i>ncd3270 7</i>	s	i	n
ncd3270-pu21-default-port Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ PU2.1 Default tcp Port The default TCP port for Brixton PU2.1 connections. Range: 0 - 65535 (5020) <i>ncd3270PU21DefaultPort</i> <i>ncd3270 8</i>	i	i	n
ncd3270-tn-default-host Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ TN3270 Default Host The default host for TN3270 connections. nil (<i>hostname</i> or <i>ip_address</i>) <i>ncd3270TNDefaultHost</i> <i>ncd3270 5</i>	s	i	n
ncd3270-tn-default-port Change Setup Parameters ⇒ 3270 Terminal Emulation ⇒ TN3270 Default tcp Port The default TCP port for TN3270 connections. Range: 0 - 65535 (23) <i>ncd3270TNDefaultPort</i> <i>ncd3270 6</i>	i	i	n
ncdnet group			
ncdnet-address-at-next-boot Change Setup Parameters ⇒ NCDnet ⇒ NCDnet Address At Next Boot or Change Quick Setup ⇒ Network ⇒ NCDnet Address at Next Boot The terminal's NCDnet address, in the format <i>area:node</i> , the next time it boots. 0.0 (<i>address</i>) <i>ncdDecnetNewAddress</i> <i>ncdDecnet 9</i>	s	b	y
ncdnet-connect-timeout Change Setup Parameters ⇒ NCDnet ⇒ Connect Timeout Elapsed time (in seconds) between an NCDnet connection attempt and a lack of response before a failure is declared. Range: 1 - 600 (120) <i>ncdDecnetConnectTimeout</i> <i>ncdDecnet 1</i>	i	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>ncdnet-default-router</i> Change Setup Parameters ⇒ NCDnet ⇒ Default Router or Change Quick Setup ⇒ Network ⇒ NCDnet Default Router</p> <p>The NCDnet address or symbolic name of the default router. The default value of 0.0 means that a router is not available immediately and will be determined by the network. 0.0 (<i>address or sym-name</i>) <i>ncdDecnetDesignatedRouter</i> <i>ncdDecnet 10</i></p>	s	i	y
<p><i>ncdnet-hello-timeout</i> Change Setup Parameters ⇒ NCDnet ⇒ Hello Timeout</p> <p>Elapsed time (in seconds) between successive transmissions of NCDnet Hello packets. Range: 1 - 600 (60) <i>ncdDecnetHelloTimeout</i> <i>ncdDecnet 4</i></p>	i	i	n
<p><i>ncdnet-keepalive-timeout</i> Change Setup Parameters ⇒ NCDnet ⇒ Keepalive Timeout</p> <p>How long (in seconds) that the terminal remains inactive on an established NCDnet connection before a keepalive packet is sent. Range: 1 - 600 (60) <i>ncdDecnetKeepaliveTimeout</i> <i>ncdDecnet 3</i></p>	i	i	n
<p><i>ncdnet-mop-allow-reset</i> Change Setup Parameters ⇒ NCDnet ⇒ Allow MOP Reset</p> <p>The terminal allows remote reboot via MOP. [true false] <i>ncdDecnetMopResetEnabled</i> <i>ncdDecnet 12</i></p>	b	i	n
<p><i>ncdnet-mop-identify-timeout</i> Change Setup Parameters ⇒ NCDnet ⇒ MOP Identify Timeout</p> <p>Elapsed time (in seconds) between successive transmissions of MOP identify packets. Range: 1 - 4294967295 (300) <i>ncdDecnetMopIdTimeout</i> <i>ncdDecnet 6</i></p>	i	i	n
<p><i>ncdnet-mop-reset-password</i> (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ (NCDnet MOP section) MOP Reset Password</p> <p>The password included in the MOP reset packet. (The value must be 16 hexadecimal digits.) nil (<i>password</i>) <i>ncdAccessMopResetPasswd</i> <i>ncdAccess 23</i></p>	s	i	n
<p><i>ncdnet-name-cache-max-lifetime</i> Change Setup Parameters ⇒ NCDnet Name Service ⇒ Name Cache Max Lifetime</p> <p>How long (in seconds) that an NCDnet name service entry is used before it is automatically deleted. Range: 0 - 4294967295 (1800) <i>ncdDnetNameResolverNameCacheMaxTimeout</i> <i>ncdDnetNameResolver 13</i></p>	i	i	n
<p><i>ncdnet-name-cache-max-size</i> Change Setup Parameters ⇒ NCDnet Name Service ⇒ Name Cache Max Size</p> <p>The maximum number of entries in the NCDnet name cache. Range: 0 - 4294967295 (32) <i>ncdDnetNameResolverNameCacheMaxSize</i> <i>ncdDnetNameResolver 12</i></p>	i	i	n
<p><i>ncdnet-name-local-cache</i> Change Setup Parameters ⇒ NCDnet Name Service ⇒ Local Name Cache</p> <p>The entries in the local name cache. By default, this table is filled in at run-time based upon the network configuration.</p> <div style="margin-left: 2em;"> <p>{ <i>index</i> (<i>no default</i>) (<i>read-only—used by SNMP only</i>)</p> <p style="margin-left: 2em;"><i>ncdDnetNameResolverIndex/ncdDnetNameResolverNameCacheTable 1</i></p> <p><i>host_symbolic_name</i> (nil) <i>ncdDnetNameResolverName/ncdDnetNameResolverNameCacheTable 2</i></p> <p><i>host_DECnet_address</i> (0.0) <i>ncdDnetNameResolverAddress/ncdDnetNameResolverNameCacheTable 3</i></p> <p><i>lifetime</i> (Range: 0 - 4294967295 (0)) } Zero (0) indicates an infinite lifetime.</p> <p style="margin-left: 2em;"><i>ncdDnetNameResolverExpTime/ncdDnetNameResolverNameCacheTable 4</i></p> </div> <p><i>ncdDnetNameResolverNameCacheTable</i> <i>ncdDnetNameResolver 14</i></p>	t	i	n
<p><i>ncdnet-name-server-transaction-timeout</i> Change Setup Parameters ⇒ NCDnet Name Service ⇒ Name Server Transaction Timeout</p> <p>How long (in seconds) that the terminal attempts an NCDnet name service request before a failure is declared. Range: 1 - 4294967295 (10) <i>ncdDnetNameResolverTransactTimeout</i> <i>ncdDnetNameResolver 15</i></p>	i	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
ncdnet-name-servers Change Setup Parameters ⇒ NCDnet Name Service ⇒ Name Servers or Change Quick Setup ⇒ Network ⇒ NCDnet Name Servers The NCDnet name servers. By default, this table is filled in at boot time based upon network configuration. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdDnetNameResolverServerIndex/ncdDnetNameResolverServersTable 1</i> <i>name_server_DECnet_address (0.0)</i> <i>ncdDnetNameResolverServer/ncdDnetNameResolverServersTable 2</i> <i>ncdDnetNameResolverServersTable</i> <i>ncdDnetNameResolver 16</i>	t	i	n
ncdnet-retransmission-limit Change Setup Parameters ⇒ NCDnet ⇒ Retransmission Limit How many times NCDnet retransmits data on an established connection before a failure is declared. Range: 1 - 32767 (10) <i>ncdDecnetRetransLimit</i> <i>ncdDecnet 2</i>	i	i	n
ncdnet-router-timeout Change Setup Parameters ⇒ NCDnet ⇒ Router Timeout How long (in seconds) after a Router Hello message is received that the sending router be used as the default router. Range: 1 - 32767 (60) <i>ncdDecnetRouterTimeout</i> <i>ncdDecnet 5</i>	i	i	n
ncdnet-user-account-name Change Setup Parameters ⇒ NCDnet ⇒ User Account Name The account name used in NCDnet connection requests. NCD_NDS (<i>account_name</i>) <i>ncdDecnetDnetUserName</i> <i>ncdDecnet 11</i>	s	i	n
net group			
net-domain-channel Change Setup Parameters ⇒ Network Interfaces ⇒ Domain Channel Domain number of a wireless Explora, Explora Pro, or Explora 400/450 terminal. Range: 0 - 15 (0) <i>ncdWirelessDomain</i> <i>ncdWireless 12</i>	i	i	n
net-ethernet-snap-encapsulation Change Setup Parameters ⇒ Network Interfaces ⇒ Use SNAP (802.2 LLC) Encapsulation on Ethernet Ethernet packets are sent in the common, original encapsulation, which is SNAP encapsulation. <i>Use this parameter only if you have comprehensive knowledge of the network.</i> [true false] <i>ncdEtherUseSNAPEncap</i> <i>ncdEther 11</i>	b	b	y
net-minimum-data-buffers Not available in Setup menus. The minimum number of pre-allocated network buffers. Normally, network buffers are allocated as needed. Range: 0 - 16384 (0) <i>ncdMbufMinimumDataBuffers</i> <i>ncdMbuf 17</i>	i	i	n
net-roaming-condition Change Setup Parameters ⇒ Network Interfaces ⇒ Roaming Condition The speed at which a wireless Explora, Explora Pro, or Explora 400/450 terminal roams from one Access Point to another. [slow normal fast] <i>ncdWirelessRoamConfig</i> <i>ncdEther 14</i>	c	b	n
net-token-ring-speed Change Setup Parameters ⇒ Network Interfaces ⇒ Token Ring Speed The speed (in Mbits per second) of the Token-Ring interface. In Boot Monitor versions before 2.9, the default is 4-mbit. [4-mbit 16-mbit] <i>ncdTokenRingSpeed</i> <i>ncdTokenRing 1</i>	c	b	y
nfs group			
All <i>nfs</i> -configuration parameters are <i>read-only</i> (see page 39).			
parallel group			
parallel-daemons-lat-service-passwords Change Setup Parameters ⇒ Access Control ⇒ (Serial and Parallel Daemons section) Parallel Daemon LAT Service Passwords LAT service passwords for LAT access to the Parallel daemon. By default, this table is empty. { <i>index (no default)</i> (used by SNMP only) <i>ncdAccessParallelLPTIndex/ncdAccessParallelLatPasswdTable 1</i> <i>port-number</i> (Range: 1 - 2; no default) (read-only) <i>ncdAccessParallelLPTPortNumber/ncdAccessParallelLatPasswdTable 2</i> <i>password (nil)</i> (write-only) } <i>ncdAccessParallelLPTPassword/ncdAccessParallelLatPasswdTable 3</i> <i>ncdAccessParallelLatPasswdTable</i> <i>ncdAccess 36</i>	t	i	n
	i	—	n
	i	—	n
	s	b	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>parallel-daemons-table Change Setup Parameters ⇒ Parallel ⇒ Parallel Daemons Table</p> <p>The Parallel daemon parameters. By default, this table is empty.</p> <p>{ parallel-daemon-table-index (no default) (used by SNMP only) ncdParallelDTableIndex/ncdParallelDTable 1</p> <p>port-number (Range: 1 - 2; no default) (read-only) ncdParallelDTablePortNumber/ncdParallelDTable 2</p> <p>use-parallel-protocol [true false] ncdParallelDTableUseParaProt/ncdParallelDTable 3</p> <p>tcp-port (Range: 1 - 65535) (5964) ncdParallelDTableTCPPort/ncdParallelDTable 4</p> <p>ncdnet-object-name (PARALLELD) ncdParallelDTableNCDnetObjName/ncdParallelDTable 5</p> <p>enable-lat-service [true false] ncdParallelDTableEnableLAT/ncdParallelDTable 6</p> <p>lat-service-name (nil) ncdParallelDTableLATServName/ncdParallelDTable 7</p> <p>lat-service-rating (Range: 0 - 255) (50) } ncdParallelDTableLATServRating/ncdParallelDTable 8</p> <p>ncdParallelDTable ncdParallel 1</p>	t	i	n
ppp group			
<p>ppp-interfaces-table Change Setup Parameters ⇒ PPP and SLIP ⇒ PPP Interfaces Table</p> <p>The PPP configuration parameters.</p> <p>{ port-number (Range: 1 - 3; no default) (read-only) ncdPppIfTablePortNumber/ncdPppIfTable 1</p> <p>ctrl-char-map (Range: 0 - 4294967295) (0) ncdPppIfTableCtlCharMap/ncdPppIfTable 2</p> <p>mtu (Range: 128 - 1500) (1000) ncdPppIfTableMTU/ncdPppIfTable 3</p> <p>compress-protocol-field [true false] ncdPppIfTableProtocolComp/ncdPppIfTable 4</p> <p>compress-addr-ctrl-fields [true false] ncdPppIfTableACComp/ncdPppIfTable 5</p> <p>passive-mode [true false] ncdPppIfTablePassive/ncdPppIfTable 6</p> <p>use-old-format [true false] } ncdPppIfTableOldOptions/ncdPppIfTable 7</p> <p>ncdPppIfTable ncdPpp 2</p>	t	i	n
<p>ppp-slip-interfaces-table Change Setup Parameters ⇒ PPP and SLIP ⇒ PPP and SLIP Interfaces Table</p> <p>The PPP and SLIP configuration parameters.</p> <p>{ port-number (Range: 1 - 3; no default) (read-only) ncdPppSlipIfTablePortNumber/ncdPppSlipIfTable 1</p> <p>ip-address (0.0.0.0) ncdPppSlipIfTableIpAddress/ncdPppSlipIfTable 2</p> <p>peer-ip-address (0.0.0.0) ncdPppSlipIfTablePeerIpAddress/ncdPppSlipIfTable 3</p> <p>dfllt-gateway [true false] ncdPppSlipIfTableDfltGateway/ncdPppSlipIfTable 4</p> <p>compress-headers [true false] } ncdPppSlipIfTableVJCompression/ncdPppSlipIfTable 5</p> <p>ncdPppSlipIfTable ncdPpp 1</p>	t	i	n
pref group			
<p>pref-audio-maximum-gain Change User Preferences ⇒ Audio ⇒ Maximum Gain</p> <p>The maximum volume of an audio client.</p> <p>Range: 0 - 100 (100)</p> <p>ncdPrefMaximumGain ncdPref 41</p>	i	i	n
<p>pref-bell-duration Change User Preferences ⇒ Bell ⇒ Bell Duration</p> <p>The bell duration (in milliseconds).</p> <p>Range: 0 - 1800 (100)</p> <p>ncdPrefBellDuration ncdPref 10</p>	i	i	n
<p>pref-bell-enable Change User Preferences ⇒ Bell ⇒ Enable Bell</p> <p>The bell is on.</p> <p>[true false]</p> <p>ncdPrefBellEnabled ncdPref 7</p>	b	i	n
<p>pref-bell-pitch Change User Preferences ⇒ Bell ⇒ Bell Pitch</p> <p>The bell pitch (in Hertz).</p> <p>Range: 0 - 3000 (800)</p> <p>ncdPrefBellPitch ncdPref 9</p>	i	i	n
<p>pref-bell-volume Change User Preferences ⇒ Bell ⇒ Bell Base Volume</p> <p>The bell's base volume as a percentage of the maximum volume.</p> <p>Range: 0 - 100 (50)</p> <p>ncdPrefBellVolume ncdPref 8</p>	i	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>pref-compatibility-decwindows-images</i> Change User Preferences ⇒ Compatibility ⇒ Be Compatible with Old DECwindows Images</p> <p>Incoming X images are byte-swapped (which some old DECwindows applications don't do). [true false] <i>ncdPrefOldDwImageCompatibility</i> <i>ncdPref 34</i></p>	b	i	n
<p><i>pref-compatibility-decwindows-keyboards</i> Change User Preferences ⇒ Compatibility ⇒ Be Compatible with Old DECwindows Keyboards</p> <p>Right modifiers mimic left modifiers (as with old Digital keyboards). [true false] <i>ncdPrefOldDwKbdCompatibility</i> <i>ncdPref 33</i></p>	b	i	n
<p><i>pref-compatibility-decwindows-vendor-string</i> Change User Preferences ⇒ Compatibility ⇒ Be Compatible with Old DECwindows Vendor String</p> <p>The display vendor string is prefixed with DECWINDOWS for older DECwindows applications. [true false] <i>ncdPrefOldDwCompatibility</i> <i>ncdPref 32</i></p>	b	i	n
<p><i>pref-compatibility-permit-old-x-bugs</i> Change User Preferences ⇒ Compatibility ⇒ Permit Old X Bugs</p> <p>Error checks are bypassed on requests that old X clients don't expect to fail. [true false] <i>ncdPrefPermitOldBugs</i> <i>ncdPref 31</i></p>	b	i	n
<p><i>pref-console-auto-lock-idle-time</i> Change User Preferences ⇒ Console and Utilities ⇒ Automatic Lock Screen After</p> <p>How long (in minutes) that the terminal is idle before automatically locking the screen. Range: 0 - 4294967295 (0) <i>ncdPrefConsoleAutoLockTime</i> <i>ncdPref 37</i></p>	i	i	n
<p><i>pref-console-auto-logout-cancel-delay</i> Change User Preferences ⇒ Console and Utilities ⇒ Automatic Logout Cancel Delay</p> <p>How long (in seconds) that the terminal waits for the user to cancel an automatic logout. Range: 0 - 4294967295 (5) <i>ncdPrefConsoleAutoLogoutCancelDelay</i> <i>ncdPref 36</i></p>	i	i	n
<p><i>pref-console-auto-logout-idle-time</i> Change User Preferences ⇒ Console and Utilities ⇒ Automatic Logout After</p> <p>How long (in minutes) that the terminal is idle before automatically logging the user out. Range: 0 - 4294967295 (0) <i>ncdPrefConsoleAutoLogoutIdleTime</i> <i>ncdPref 35</i></p>	i	i	n
<p><i>pref-console-blank-screen-delay</i> Change User Preferences ⇒ Console and Utilities ⇒ Delay When Blanking Screen</p> <p>How long (in milliseconds) that the terminal waits after the user selects Blank Screen. Range: 0 - 5000 (500) <i>ncdPrefConsoleBlankScreenDelay</i> <i>ncdPref 39</i></p>	i	i	n
<p><i>pref-console-key-sequence</i> Change User Preferences ⇒ Console and Utilities ⇒ Console Key Sequence</p> <p>The non-standard key sequence for displaying the Console. nil (<i>key_sequence</i>) <i>ncdPrefConsoleKeyString</i> <i>ncdPref 44</i></p>	s	b	n
<p><i>pref-console-lock-screen-default-password</i> (<i>write-only</i>) Change User Preferences ⇒ Console and Utilities ⇒ Lock Screen Default Password</p> <p>The password for locking the screen. nil (<i>password</i>) <i>ncdPrefConsoleLockScreenPasswdDflt</i> <i>ncdPref 38</i></p>	s	i	n
<p><i>pref-console-show-timestamps</i> Change User Preferences ⇒ Console and Utilities ⇒ Show Console Message Timestamps</p> <p>Timestamps are displayed with Console messages. [true false] <i>ncdPrefConsoleShowTimestamps</i> <i>ncdPref 40</i></p>	b	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>pref-environment Change User Preferences ⇒ Environment Variables ⇒ Environment Variables</p> <p>Environment variables for local clients.</p> <p>{ <i>index (no default)</i> (read-only—used by <i>SNMP</i> only) <i>ncdPrefEnvVarTableIndex 1</i></p> <p> <i>variable_name (nil)</i> <i>ncdPrefEnvVarTableName/ncdPrefEnvVarTable 2</i></p> <p> <i>value (nil)</i> <i>ncdPrefEnvVarTableValue/ncdPrefEnvVarTable 3</i></p> <p><i>ncdPrefEnvVarTable</i> <i>ncdPref 54</i></p>	t	i	n
<p>pref-font-extended-diagnostics Change User Preferences ⇒ Fonts ⇒ Show Extended Font Diagnostics</p> <p>All font actions that require file system or network access are reported.</p> <p>[<i>true false</i>]</p> <p><i>ncdPrefFontExtendedDiagnostics</i> <i>ncdPref 26</i></p>	b	i	n
<p>pref-font-path Change User Preferences ⇒ Fonts ⇒ Current Font Path</p> <p>The current font search path. The default values vary depending upon the booting method and terminal type; see the defaults listed for <i>xserver-default-font-path</i>.</p> <p>{ <i>index (Range: 0 - 4294967295; no default)</i> (read-only—used by <i>SNMP</i> only)</p> <p> <i>ncdPrefFontPathTableIndex/ncdPrefFontPathTable 1</i></p> <p> <i>font-path-entry (nil)</i> } <i>ncdPrefFontPathTableEntry/ncdPrefFontPathTable 2</i></p> <p><i>ncdPrefFontPathTable</i> <i>ncdPref 27</i></p>	t	i	n
<p>pref-keyboard-auto-repeat Change User Preferences ⇒ Keyboard ⇒ Enable Keyboard Autorepeat</p> <p>Keys repeat automatically if they are held down.</p> <p>[<i>true false</i>]</p> <p><i>ncdPrefKbdAutoRepeat</i> <i>ncdPref 2</i></p>	b	i	n
<p>pref-keyboard-auto-repeat-rate Change User Preferences ⇒ Keyboard ⇒ Autorepeat Rate</p> <p>How many times per second that keys repeat when held down.</p> <p>Range: 2 - 30 (20)</p> <p><i>ncdPrefKbdAutoRepeatRate</i> <i>ncdPref 4</i></p>	i	i	n
<p>pref-keyboard-auto-repeat-start Change User Preferences ⇒ Keyboard ⇒ Autorepeat Begin After</p> <p>How long (in milliseconds) that a key must be held down before it starts repeating.</p> <p>Range: 0 - 1000 (500)</p> <p><i>ncdPrefKbdAutoRepeatAfter</i> <i>ncdPref 3</i></p>	i	i	n
<p>pref-keyboard-function-key-style Change User Preferences ⇒ Keyboard ⇒ Function Key Style</p> <p>How the X server interprets function keys.</p> <p>[<i>vms unix</i>]</p> <p><i>ncdPrefKbdFuncKeyMap</i> <i>ncdPref 1</i></p>	c	b	n
<p>pref-keyboard-keyclick-volume Change User Preferences ⇒ Keyboard ⇒ Keyclick Volume</p> <p>The volume of the keyclick (as a percentage of its maximum volume).</p> <p>Range: 0 - 100 (0)</p> <p><i>ncdPrefKeyClickVolume</i> <i>ncdPref 5</i></p>	i	i	n
<p>pref-keyboard-leds Change User Preferences ⇒ Keyboard ⇒ LEDs</p> <p>What the keyboard LEDs indicate. The default depends on the keyboard.</p> <p>{ <i>index (no default)</i> (read-only—used by <i>SNMP</i> only) <i>ncdPrefLedsTableIndex/ncdPrefKbdLedsTable 1</i></p> <p> <i>led-entry [x1 x2 x3 x4 net warn ctrl shift caps num mod1 mod2 mod3 mod4 mod 5]</i> (The defaults differ according to the keyboard type.)} <i>ncdPrefLedsTableEntry/ncdPrefKbdLedsTable 2</i></p> <p><i>ncdPrefKbdLedsTable</i> <i>ncdPref 6</i></p>	t	i	n
<p>pref-mouse-acceleration Change User Preferences ⇒ Pointing Devices ⇒ Acceleration Ratio</p> <p>By what percentage the mouse motion threshold is multiplied to change pointer speed.</p> <p>Range: 10 - 1000 (300)</p> <p><i>ncdPrefMouseAcceration</i> <i>ncdPref 12</i></p>	i	i	n
<p>pref-mouse-arrangement Change User Preferences ⇒ Pointing Devices ⇒ Button Arrangement</p> <p>Mouse buttons are mapped with Button1 at the left.</p> <p>[<i>right-handed left-handed</i>]</p> <p><i>ncdPrefMouseButtonArrangement</i> <i>ncdPref 13</i></p>	c	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>pref-mouse-threshold Change User Preferences ⇒ Pointing Devices ⇒ Threshold Distance</p> <p>How many pixels the mouse must be moved before the acceleration factor is applied. Range: 1 - 20 (1) <i>ncdPrefMouseThresholdDistance</i> <i>ncdPref 11</i></p>	i	i	n
<p>pref-opengl-allow-alpha Change User Preferences ⇒ OpenGL ⇒ Allow Alpha Test</p> <p>Alpha test control, which accepts pixels for rendering based on alpha values, is enabled. When disabled, the alpha test is not controllable by the client. Alpha test is available with RGBA visuals, not Color-Index visuals. [true false] <i>ncdOpenglPrefAllowAlpha</i> <i>ncdPrefOpengl 12</i></p>	b	cc	n
<p>pref-opengl-allow-blend Change User Preferences ⇒ OpenGL ⇒ Allow Blending</p> <p>Color blending control and operations, which combine incoming pixel color and alpha values with those of the pixel already at that location, are enabled. Blending is available with RGBA visuals, not Color-Index visuals. When disabled, blending is not controllable by the client. [true false] <i>ncdOpenglPrefAllowBlend</i> <i>ncdPrefOpengl 10</i></p>	b	cc	n
<p>pref-opengl-allow-depth Change User Preferences ⇒ OpenGL ⇒ Allow Depth Test</p> <p>Z-buffering control and operations, normally used for hidden surface elimination, are enabled. When disabled, the depth testing is not controllable by the client. [true false] <i>ncdOpenglPrefAllowDepth</i> <i>ncdPrefOpengl 8</i></p>	b	cc	n
<p>pref-opengl-allow-dither Change User Preferences ⇒ OpenGL ⇒ Allow Dithering</p> <p>Color dithering control and operations, which improve color resolution when rendering to a visual with few color bitplanes, are enabled. When disabled, dithering is not controllable by the client. (This affects only 8-bit visuals.) [true false] <i>ncdOpenglPrefAllowDither</i> <i>ncdPrefOpengl 9</i></p>	b	cc	n
<p>pref-opengl-allow-logic-operations Change User Preferences ⇒ OpenGL ⇒ Allow Logical Operations</p> <p>Bitwise logical operations, combining incoming pixel values with already-drawn pixels, are performed on pixels. When disabled, logical operations are not controllable by the client. (Available only with Color-Index visuals.) [true false] <i>ncdOpenglPrefAllowLogicOperations</i> <i>ncdPrefOpengl 15</i></p>	b	cc	n
<p>pref-opengl-allow-polygon-stipple Change User Preferences ⇒ OpenGL ⇒ Allow Polygon Stipple</p> <p>Stippling operations are enabled. When disabled, these operations are not controllable by the client. Stippling operations are used to fill polygons with a non-solid, client-defined, 32-bit x 32-bit window- aligned pattern. (Available only with Color-Index visuals.) [true false] <i>ncdOpenglPrefAllowPolygonStipple</i> <i>ncdPrefOpengl 14</i></p>	b	cc	n
<p>pref-opengl-allow-scissor Change User Preferences ⇒ OpenGL ⇒ Allow Scissor Test</p> <p>Scissor test control and operations (used to mask a rectangular region of the screen to prevent drawing from occurring outside it) are enabled. When disabled, these operations are not controllable by the client. [true false] <i>ncdOpenglPrefAllowScissor</i> <i>ncdPrefOpengl 13</i></p>	b	cc	n
<p>pref-opengl-allow-stencil Change User Preferences ⇒ OpenGL ⇒ Allow Stencil Test</p> <p>Stencil test control and stenciling operations (used to prevent drawing to an irregularly shaped region of the screen) are enabled. When disabled, these operations are not controllable by the client. Disabling this parameter saves memory. [true false] <i>ncdOpenglPrefAllowStencil</i> <i>ncdPrefOpengl 11</i></p>	b	cc	n
<p>pref-opengl-debug Not available in Setup menus.</p> <p>Memory checks and debug statements are enabled. [true false] <i>ncdOpenglPrefDebug</i> <i>ncdPrefOpengl 1</i></p>	b	i	n
<p>pref-opengl-fast-perspective Change User Preferences ⇒ OpenGL ⇒ Fast Perspective Rendering</p> <p>Fast perspective is enabled for rendering primitives in perspective viewing situations. With large polygons with small textures rendered in a perspective view that produces extreme foreshortening of the displayed polygon, enabling fast perspective rendering reduces the quality of texture-mapping. Disabling this parameter provides the best texture-mapping quality. [true false] <i>ncdOpenglPrefFastPerspective</i> <i>ncdPrefOpengl 25</i></p>	b	cc	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>pref-opengl-have-24rgbdb Change User Preferences ⇒ OpenGL ⇒ Enable 24-bit RGBA double buffered Visual</p> <p>The 24-bit RGBA double-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave24RGBDB</i> <i>ncdPrefOpenGL 23</i></p>	b	ss	n
<p>pref-opengl-have-24rgbsb Change User Preferences ⇒ OpenGL ⇒ Enable 24-bit RGBA single buffered Visual</p> <p>The 24-bit RGBA single-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave24RGBDB</i> <i>ncdPrefOpenGL 24</i></p>	b	ss	n
<p>pref-opengl-have-8cidb Change User Preferences ⇒ OpenGL ⇒ Enable 8-bit Color-Index double buffered Visual</p> <p>The 8-bit color-index double-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave8CIDB</i> <i>ncdPrefOpenGL 17</i></p>	b	ss	n
<p>pref-opengl-have-8cisb Change User Preferences ⇒ OpenGL ⇒ Enable 8-bit Color-Index single buffered visual</p> <p>The 8-bit color-index single-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave8CISB</i> <i>ncdPrefOpenGL 18</i></p>	b	ss	n
<p>pref-opengl-have-8rgbdb Change User Preferences ⇒ OpenGL ⇒ Enable 8-bit RGBA double buffered Visual</p> <p>The 8-bit RGBA double-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave8RGBDB</i> <i>ncdPrefOpenGL 21</i></p>	b	ss	n
<p>pref-opengl-have-8rgbsb Change User Preferences ⇒ OpenGL ⇒ Enable 8-bit RGBA single buffered Visual</p> <p>The 8-bit RGBA single-buffered visual type is advertised to clients. This takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHave8RGBSB</i> <i>ncdPrefOpenGL 22</i></p>	b	ss	n
<p>pref-opengl-have-alpha-buffer Change User Preferences ⇒ OpenGL ⇒ Activate Alpha Buffer for RGBA Visuals</p> <p>Built-in, non-zero-depth alpha buffers are used. RGBA visuals are predefined in pairs, one of the pair with an 8-bit-deep alpha buffer and the other, a zero-bit-deep alpha buffer. When enabled, this parameter allows use of the non-zero-depth alpha buffers. When disabled, visuals with 8-bit-deep alpha buffers are not advertised to clients. Disabling this also results in memory savings. This parameter does not effect color-index visuals. It takes effect the next time the OpenGL extension is loaded. [true false] <i>ncdOpenGLPrefHaveAlphaBuffer</i> <i>ncdPrefOpenGL 16</i></p>	b	ss	n
<p>pref-power-manage-enable Change User Preferences ⇒ Power Management ⇒ Enable VESA Monitor Power Management</p> <p><i>WARNING: Enabling this parameter on equipment that is not VESA-compliant can cause serious risk of personal injury or equipment damage.</i></p> <p>Power management is enabled. [true false] <i>ncdPrefPowerManageEnable</i> <i>ncdPref 53</i></p>	b	i	n
<p>pref-power-manage-powerdown-time Change User Preferences ⇒ Power Management ⇒ Powerdown After</p> <p>How long (in minutes) that the terminal is idle before transitioning to the power-down state. Range: 0 - 240 (60) <i>ncdPrefPowerManagePowerdownTime</i> <i>ncdPref 52</i></p>	i	i	n
<p>pref-power-manage-standby-time Change User Preferences ⇒ Power Management ⇒ Standby After</p> <p>How long (in minutes) that the terminal is idle before transitioning to the standby state. Range: 0 - 240 (20) <i>ncdPrefPowerManageStandbyTime</i> <i>ncdPref 50</i></p>	i	i	n

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Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>pref-power-manage-suspend-time</i> Change User Preferences ⇒ Power Management ⇒ Suspend After</p> <p>How long (in minutes) that the terminal is idle before transitioning to the suspend state. Range: 0 - 240 (40) <i>ncdPrefPowerManageSuspendTime</i> <i>ncdPref 51</i></p>	i	i	n
<p><i>pref-screen-background-bitmap-background</i> Change User Preferences ⇒ Screen Background ⇒ Bitmap Background Color</p> <p>The color, as specified in rgb.txt or RGB.TXT or in #rrggbb notation, used for the background of the screen background bitmap. white (<i>color</i>) <i>ncdPrefScreenBackBitmapBackground</i> <i>ncdPref 18</i></p>	s	i	n
<p><i>pref-screen-background-bitmap-file</i> Change User Preferences ⇒ Screen Background ⇒ Bitmap File</p> <p>The bitmap file, in X Bitmap Format, used if the screen background is bitmap. nil (<i>bitmap_file</i>) <i>ncdPrefScreenBitmapFile</i> <i>ncdPref 16</i></p>	s	i	n
<p><i>pref-screen-background-bitmap-foreground</i> Change User Preferences ⇒ Screen Background ⇒ Bitmap Foreground Color</p> <p>The color, as specified in rgb.txt or RGB.TXT or in #rrggbb notation, used for the foreground of the screen background bitmap. black (<i>color</i>) <i>ncdPrefScreenBackBitmapForeground</i> <i>ncdPref 17</i></p>	s	i	n
<p><i>pref-screen-background-color</i> Change User Preferences ⇒ Screen Background ⇒ Solid Color</p> <p>The solid color, as specified in rgb.txt or RGB.TXT or in #rrggbb notation, used if the screen background is solid color. #0183c6 blue (<i>color</i>) <i>ncdPrefScreenSolidColor</i> <i>ncdPref 15</i></p>	s	i	n
<p><i>pref-screen-background-type</i> Change User Preferences ⇒ Screen Background ⇒ Screen Background Type</p> <p>The appearance of the screen background. [default solid-color bitmap] <i>ncdPrefScreenBackground</i> <i>ncdPref 14</i></p>	c	i	n
<p><i>pref-screensaver-bitmap-file</i> Change User Preferences ⇒ Screen Saver ⇒ Screen Saver Bitmap File</p> <p>The bitmap file, in X Bitmap Format, used if the screen saver is using bitmap mode. nil (<i>bitmap_file</i>) <i>ncdPrefScreenSaverBitmapFile</i> <i>ncdPref 25</i></p>	s	i	n
<p><i>pref-screensaver-enable</i> Change User Preferences ⇒ Screen Saver ⇒ Enable Screen Saver</p> <p>The screen saver is on. NCD recommends that you do not disable this parameter. If you do, you must remove all other pref-screensaver parameters from the preferences file that you are loading. [true false] <i>ncdPrefScreenSaverEnabled</i> <i>ncdPref 20</i></p>	b	i	n
<p><i>pref-screensaver-exposures</i> Change User Preferences ⇒ Screen Saver ⇒ Allow Exposures After Screen Saver</p> <p>Clients redraw themselves when the screen saver restores the screen. [true false] <i>ncdPrefScreenSaverAllowExposures</i> <i>ncdPref 21</i></p>	b	i	n
<p><i>pref-screensaver-interval</i> Change User Preferences ⇒ Screen Saver ⇒ Change Screen Saver After</p> <p>How long (in seconds) that the screen saver waits before modifying its pattern. Range: 0 - 3000 (60) <i>ncdPrefScreenSaverChangeAfter</i> <i>ncdPref 23</i></p>	i	i	n
<p><i>pref-screensaver-style</i> Change User Preferences ⇒ Screen Saver ⇒ Screen Saver Style</p> <p>Type of screen saver image to use. [blank bitmap x-logo hardware] <i>ncdPrefScreenSaverStyle</i> <i>ncdPref 24</i></p>	c	i	n
<p><i>pref-screensaver-time</i> Change User Preferences ⇒ Screen Saver ⇒ Save Screen After</p> <p>How long (in seconds) that the terminal is idle before the screen saver starts. Range: 0 - 3000 (600) <i>ncdPrefScreenSaverAfter</i> <i>ncdPref 22</i></p>	i	i	n

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Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>pref-sie-contrast-threshold</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ SIE Contrast Threshold</p> <p>The contrast value for SIE scaling operations. (<i>Applies only to Bilinear-Interp and 4x4-area methods</i>) Range: 0 - 100 (50) <i>ncdPrefSIEContrast</i> <i>ncdPref 43</i></p>	i	i	n
<p><i>pref-sie-sampling-method</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ SIE Sampling Method</p> <p>The SIE sampling method used for scaling. [nearest-neighbor any-neighbor bilinear-interp 4x4-area] <i>ncdPrefSIESamplingMethod</i> <i>ncdPref 42</i></p>	c	i	n
<p><i>pref-xserver-backing-store</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ Use Backing Store</p> <p>The backing store method. [when-mapped-by-request disabled] <i>ncdPrefUseBackingStore</i> <i>ncdPref 30</i></p>	c	i	n
<p><i>pref-xserver-benchmark-optimizations</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ Enable Benchmark Optimizations</p> <p>Some graphics operations are optimized for benchmarks. [true false] <i>ncdPrefBenchmarkOptimizationsEnabled</i> <i>ncdPref 19</i></p>	b	i	n
<p><i>pref-xserver-current-pointing-device</i> Change User Preferences ⇒ Pointing Devices ⇒ Current Pointing Device</p> <p>The pointer device. (Do not use this parameter when initializing touch screen using exec-startup-commands.) [mouse mouse-and-extension-device input-extension-device-only] <i>ncdPrefCurrentPointingDevice</i> <i>ncdPref 46</i></p>	c	i	n
<p><i>pref-xserver-graphics-optimizations</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ Enable Graphics Optimizations</p> <p>Some graphics operations are optimized (with some possible loss in accuracy). [true false] <i>ncdPrefGraphicsOptimizationsEnabled</i> <i>ncdPref 28</i></p>	b	i	n
<p><i>pref-xserver-screen-resolution</i> Change User Preferences ⇒ X, Graphics, and SIE ⇒ Screen Resolution</p> <p>The resolution (in dots per inch) reported by the X server to X clients and the font server. Range: 20 - 300 (100; the default may vary, depending on the monitor) <i>ncdPrefScreenRes</i> <i>ncdPref 29</i></p>	i	i	n
<p><i>pref-xserver-touchscreen-button-press-threshold</i> Change User Preferences ⇒ Pointing Devices ⇒ Button Press Threshold</p> <p>The relative force that the user must exert on the touch screen before a button press event is generated. Range: 1 - 255 (8) <i>ncdPrefTouchscreenButtonPressThreshold</i> <i>ncdPref 47</i></p>	i	i	n
<p><i>pref-xserver-touchscreen-button-release-threshold</i> Change User Preferences ⇒ Pointing Devices ⇒ Button Release Threshold</p> <p>The relative force that the user must exert on the touch screen before a button release event is generated. Range: 1 - 255 (5) <i>ncdPrefTouchscreenButtonReleaseThreshold</i> <i>ncdPref 45</i></p>	i	i	n
print group			
<p><i>print-lpr-servers</i> Change Setup Parameters ⇒ Print ⇒ Lpr Servers</p> <p>The print servers available for local-client printing.</p> <p>{ <i>index</i> (read-only—used by SNMP only) <i>ncdPrintLprServersTableIndex/ncdPrintLprServersTable 1</i></p> <p><i>host</i> (nil) <i>ncdPrintLprServersTableHost/ncdPrintLprServersTable 2</i></p> <p><i>queue-name</i> (nil) <i>ncdPrintLprServersTableQueueName/ncdPrintLprServersTable 3</i></p> <p><i>datastream-type</i> (ascii postscript nt-postscript) <i>ncdPrintLprServersTableDatastreamType/ncdPrintLprServersTable 4</i></p> <p><i>description</i> (nil) <i>ncdPrintLprServersTableDescription/ncdPrintLprServersTable 5</i></p> <p><i>request-banner-page</i> [true false] <i>ncdPrintLprServersTableRequestBannerPage/ncdPrintLprServersTable 10</i></p> <p><i>ncdPrintLprServersTable</i> <i>ncdPrint 1</i></p>	t	i	n
	i	—	n
	s	i	n
	s	i	n
	c	i	n
	s	i	n
	b	i	n
pwireless group			

All **pwireless** parameters are *read-only* (see page 39) and apply to Explora, Explora Pro, and Explora 400/450 terminals only.

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
serial group			
serial-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (Serial and Parallel Daemon section) Enable Serial and Parallel Access Control Host-based access control is enabled for requests to connect to the Serial and Parallel daemons. [true false] <i>ncdAccessSerialdAccessControlEnabled</i> <i>ncdAccess 31</i>	b	i	n
serial-access-control-list Change Setup parameters ⇒ Access Control ⇒ (Serial and Parallel Daemon section) Serial and Parallel Access Control List The host access control list for the Serial and Parallel daemons. By default, this table is empty. { <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessSerialdACTIndex/ncdAccessSerialdAccessControlTable 1</i> <i>hostname</i> or <i>ip_address</i> (nil) <i>ncdAccessSerialdACTAddress/ncdAccessSerialdAccessControlTable 2</i> <i>family</i> [tcpip <i>ncdnet lat</i>] } <i>ncdAccessSerialdACTFamily/ncdAccessSerialdAccessControlTable 3</i> <i>ncdAccessSerialdAccessControlTable</i> <i>ncdAccess 32</i>	t	i	n
serial-daemons-lat-service-passwords Change Setup Parameters ⇒ Access Control ⇒ (Serial and Parallel Daemon section) Serial Daemon LAT Service Passwords The passwords for accessing the Serial daemon using LAT. Default values are used to create one entry for each serial port on the terminal. { <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessSerialdLPTIndex/ncdAccessSerialdLatPasswdTable 1</i> <i>port-number</i> (Range: 1 - 3; no default) (read-only) <i>ncdAccessSerialdLPTPortNumber</i> <i>ncdAccessSerialdLatPasswdTable 2</i> <i>password</i> (nil) (write-only) } <i>ncdAccessSerialdLPTPassword/ncdAccessSerialdLatPasswdTable 3</i> <i>ncdAccessSerialdLatPasswdTable</i> <i>ncdAccess 30</i>	t	i	n
serial-daemons-table Change Setup Parameters ⇒ Serial ⇒ Serial Daemons Table The Serial daemon parameters. Default values are used to create one entry for each serial port on the terminal. { <i>serial-daemon-table-index</i> (no default) (read-only—used by SNMP only) <i>ncdSerialSDTableIndex/ncdSerialSDTable 1</i> <i>port-number</i> (Range: 1 - 3; no default) (read-only) <i>ncdSerialSDTablePortNumber/ncdSerialSDTable 2</i> <i>use-serial-protocol</i> [true false] <i>ncdSerialSDTableUseSerialProt/ncdSerialSDTable 3</i> <i>tcp-port</i> (Range: 1 - 65535 (port 1, 87 ; port 2, 5962 ; port 3, 5963)) <i>ncdSerialSDTableTCPPort/ncdSerialSDTable 4</i> <i>ncdnet-object-name</i> (SERIALD) <i>ncdSerialSDTableUseNCDnetObjName/ncdSerialSDTable 5</i> <i>enable-lat-service</i> [true false] <i>ncdSerialSDTableEnableLAT/ncdSerialSDTable 6</i> <i>lat-service-name</i> (nil) <i>ncdSerialSDTableLATServName/ncdSerialSDTable 7</i> <i>lat-service-rating</i> (Range: 0 - 255 (50)) } <i>ncdSerialSDTableLATServRating/ncdSerialSDTable 8</i> <i>ncdSerialSDTable</i> <i>ncdSerial 3</i>	t	i	n
serial-interfaces-table Change Setup Parameters ⇒ Serial ⇒ Serial Interfaces Table The serial port parameters. Default values are used to create one entry for each serial port on the terminal. { <i>serial-interface-table-index</i> (no default) (read-only—used by SNMP only) <i>ncdSerialIfTableIndex/ncdSerialIfTable 1</i> <i>port-number</i> (Range: 1 - 3; no default) (read-only) <i>ncdSerialIfTablePortNumber/ncdSerialIfTable 2</i> <i>mode</i> [terminal printer serial-daemon slip console input-device xremote ppp] <i>ncdSerialIfTableMode/ncdSerialIfTable 3</i> <i>current-mode</i> [terminal printer serial-daemon slip console input-device xremote ppp] <i>ncdSerialIfTableCurMode/ncdSerialIfTable 9</i> <i>baud-rate</i> [50 75 110 134.5 150 200 300 600 1050 1200 1800 2000 2400 4800 7200 9600 14400 19200 38400 57600 76800 115200] <i>ncdSerialIfTableBaudRate/ncdSerialIfTable 4</i> <i>data-bits</i> [8 7] <i>ncdSerialIfTableDataBits/ncdSerialIfTable 5</i> <i>stop-bits</i> [1 2] <i>ncdSerialIfTableStopBits/ncdSerialIfTable 6</i> <i>parity</i> [none odd even space mark] <i>ncdSerialIfTableParity/ncdSerialIfTable 7</i> <i>handshake</i> [none xon/xoff dtr/dsr rts/cts] <i>ncdSerialIfTableHandshake/ncdSerialIfTable 8</i> <i>hangup</i> [none drop-dtr send-break] } <i>ncdSerialIfTableActionOnDiscon/ncdSerialIfTable 10</i> <i>ncdSerialIfTable</i> <i>ncdSerial 2</i>	t	i	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
snmp group			
snmp-allow-reset Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) Allow SNMP Reset Remote reset via SNMP is permitted. [true false] <i>ncdAccessSnmpResetEnabled</i> <i>ncdAccess 21</i>	b	i	n
snmp-read-only-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) Enable SNMP Read-Only Access Control Requests for remote connections to the SNMP daemon are checked against the read-only host access control list. [true false] <i>ncdAccessSnmpReadOnlyAccessControl</i> <i>ncdAccess 15</i>	b	i	n
snmp-read-only-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Only Access Control List The hosts allowed to use the SNMP read-only community name to access network management information. By default, this table is empty. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdAccessSnmpROAccessControlTableIndex/ncdAccessSnmpReadOnlyAccessControlTable 1</i> <i>hostname</i> or <i>ip_address (nil)</i> } <i>ncdAccessSnmpROAccessControlTableHost/</i> <i>ncdAccessSnmpReadOnlyAccessControlTable 2</i> <i>ncdAccessSnmpReadOnlyAccessControlTable</i> <i>ncdAccess 16</i>	t	i	n
snmp-read-only-community (write-only) Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Only Community The first of two possible community names for read-only access to configuration information. public (community) <i>ncdAccessSnmpReadOnlyCommunity1</i> <i>ncdAccess 13</i>	s	i	y
snmp-read-only-community-alt (write-only) Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Only Alternative Community The second of two possible community names for read-only access to configuration information. nil (community) <i>ncdAccessSnmpReadOnlyCommunity2</i> <i>ncdAccess 14</i>	s	i	y
snmp-read-write-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) Enable SNMP Read-Write Access Control Requests for connections to the SNMP daemon from outside the terminal are checked against the read/write host access control list. [true false] <i>ncdAccessSnmpReadWriteAccessControl</i> <i>ncdAccess 19</i>	b	i	n
snmp-read-write-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Write Access Control List The hosts allowed to use the SNMP read/write community name to access network management information via SNMP. By default, this table is empty. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdAccessSnmpRWAccessControlTableIndex/ncdAccessSnmpReadWriteAccessControlTable 1</i> <i>hostname</i> or <i>ip_address (nil)</i> } <i>ncdAccessSnmpRWAccessControlTableAddress/ncdAccessSnmpReadWriteAccessControlTable 2</i> <i>ncdAccessSnmpReadWriteAccessControlTable</i> <i>ncdAccess 20</i>	t	i	n
snmp-read-write-community (write-only) Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Write Community The first of two community names for read/write access to configuration information. nil (community) <i>ncdAccessSnmpReadWriteCommunity1</i> <i>ncdAccess 17</i>	s	i	y
snmp-read-write-community-alt (write-only) Change Setup Parameters ⇒ Access Control ⇒ (SNMP section) SNMP Read-Write Alternative Community The second of two community names for read/write access to configuration information. nil (community) <i>ncdAccessSnmpReadWriteCommunity2</i> <i>ncdAccess 18</i>	s	i	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
snmp-trap-monitors Change Setup Parameters ⇒ Access Control ⇒ SNMP Trap Monitors IP hosts to which SNMP traps are sent. By default, this table is empty. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdAccessSnmpTMIndex/ncdAccessSnmpTrapMonitorsTable 1</i> <i>hostname or ip_address (nil)</i> <i>ncdAccessSnmpTMHost/ncdAccessSnmpTrapMonitorsTable 2</i> <i>community (nil)</i> } <i>ncdAccessSnmpTMTCommunity/ncdAccessSnmpTrapMonitorsTable 3</i> <i>ncdAccessSnmpTrapMonitorsTable</i> <i>ncdAccess 22</i>	t	i	n
tcp group			
tcp-connect-timeout Change Setup Parameters ⇒ TCP ⇒ Connect Timeout Elapsed time (in seconds) between a TCP connection attempt and a lack of response before a failure is declared. Range: 1 - 4294967295 (75) <i>ncdTcpConnectTimeout</i> <i>ncdTcp 6</i>	i	i	n
tcp-default-linger-time Change Setup Parameters ⇒ TCP ⇒ Default Linger Time How long (in seconds) that TCP continues to attempt reliable transmission of outstanding data on a transmit queue after local software closes the connection. Range: 1 - 4294967295 (120) <i>ncdTcpDfltLingerTime</i> <i>ncdTcp 11</i>	i	i	n
tcp-default-mss-for-non-local Change Setup Parameters ⇒ TCP ⇒ Use default maximum segment size for non-local hosts Allows segment sizes larger than the default (536 bytes) when communicating with non-local hosts. Set to “false” to permit larger segment sizes. [true false] <i>ncdTcpDfltMssForNonLocal</i> <i>ncdTcp 14</i>	b	i	n
tcp-keepalive-idle-time Change Setup Parameters ⇒ TCP ⇒ Keepalive Idle Time Elapsed time (in seconds) on established TCP connections with no activity before a TCP keepalive is generated. Range: 1 - 4294967295 (75) <i>ncdTcpKeepIdle</i> <i>ncdTcp 8</i>	i	i	n
tcp-keepalive-interval Change Setup Parameters ⇒ TCP ⇒ Keepalive Interval Elapsed time (in seconds) between successive transmissions of TCP keepalive packets when no response to the packets is received. Range: 1 - 4294967295 (75) <i>ncdTcpKeepAliveIntvl</i> <i>ncdTcp 9</i>	i	i	n
tcp-max-keepalive-idle-time Change Setup Parameters ⇒ TCP ⇒ Maximum Keepalive Idle Time How long (in seconds) that TCP keepalives are transmitted with no response before a failure is declared. Range: 1 - 4294967295 (600) <i>ncdTcpMaxKeepAliveIdleTime</i> <i>ncdTcp 10</i>	i	i	n
tcp-max-retransmissions Change Setup Parameters ⇒ TCP ⇒ Maximum Retransmissions How many retransmissions must occur on a TCP connection before a failure is declared. Range: 12 - 4294967295 (12) <i>ncdTcpMaxRxt</i> <i>ncdTcp 7</i>	i	i	n
tcp-receive-buffer-size Change Setup Parameters ⇒ TCP ⇒ Receive Buffer Size Amount of received data (in bytes) that a TCP connection can buffer in the terminal. Range: 1024 - 9216 (4096) <i>ncdTcpRecvBufferSize</i> <i>ncdTcp 12</i>	i	i	n
tcp-send-buffer-size Change Setup Parameters ⇒ TCP ⇒ Send Buffer Size Amount of data (in bytes) awaiting transmission that a TCP connection can buffer in the terminal. Range: 1024 - 65535 (2048) <i>ncdTcpSendBufferSize</i> <i>ncdTcp 13</i>	i	i	n
tcpip group			
tcpip-arp-cache Change Setup Parameters ⇒ ARP ⇒ ARP Cache Mappings between IP addresses and physical addresses. By default, this table is filled in at run-time. { <i>index (no default)</i> (read-only—used by SNMP only) <i>ipNetToMediaIdx/ipNetToMediaTable 1</i> <i>ethernet-address (00:00:00:00:00:00)</i> <i>ipNetToMediaPhysAddress/ipNetToMediaTable 2</i> <i>ip-address (0.0.0.0)</i> <i>ipNetToMediaNetAddress/ipNetToMediaTable 3</i> <i>type [incomplete dynamic static]</i> <i>ipNetToMediaType/ipNetToMediaTable 4</i> <i>time-since-last-use (Range: 0 - 255 (0))</i> } <i>ncdIpTimeSinceLastUse/ipNetToMediaTable 13</i> <i>ipNetToMediaTable</i> <i>ip 22</i>	t	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) SNMP Name and SNMP Path	T y p e	W h e n	N V R A M
<p>tcpip-arp-complete-entry-timeout Change Setup Parameters ⇒ ARP ⇒ Complete Entry Timeout</p> <p>How long (in minutes) that completed ARP table entries exist without being used before they are deleted. Range: 1 - 255 (20) <i>ncdArpCompleteEntryTimeout</i> <i>ncdArp 2</i></p>	i	i	n
<p>tcpip-arp-incomplete-entry-timeout Change Setup Parameters ⇒ ARP ⇒ Incomplete Entry Timeout</p> <p>How long (in minutes) that incomplete ARP table entries exist without being used before they are deleted. Range: 1 - 255 (1) <i>ncdArpIncompleteEntryTimeout</i> <i>ncdArp 1</i></p>	i	i	n
<p>tcpip-dns-default-domain Change Setup Parameters ⇒ TCP/IP Name Service ⇒ DNS Default Domain</p> <p>The default domain for DNS name service requests. nil (<i>domain</i>) <i>ncdNameResolverDnsDefaultDomain</i> <i>ncdNameResolver 19</i></p>	s	i	n
<p>tcpip-dns-domain-search Change Setup Parameters ⇒ TCP/IP Name Service ⇒ DNS Domain Search</p> <p>Successively wider searches of the name space are done when attempting to resolve a name with DNS. [true false] <i>ncdNameResolverDnsDoNameSearch</i> <i>ncdNameResolver 20</i></p>	b	i	n
<p>tcp-name-cache-ignore-case Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Cache Ignore Case on Name Lookups</p> <p>Ignore case when searching for a name in the local name cache. [true false] <i>ncdNameResolverNameCacheIgnoreCase</i> <i>ncdNameResolver 21</i></p>	b	i	n
<p>tcpip-name-cache-max-lifetime Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Cache Max Lifetime</p> <p>How long (in seconds) that a TCP/IP name service entry is used before it is automatically deleted. Range: 0 - 4294967295 (1800) <i>ncdNameResolverNameCacheMaxLifetime</i> <i>ncdNameResolver 13</i></p>	i	i	n
<p>tcpip-name-cache-max-size Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Cache Max Size</p> <p>The maximum number of entries in the TCP/IP name cache. Range: 0 - 4294967295 (32) <i>ncdNameResolverNameCacheMaxSize</i> <i>ncdNameResolver 12</i></p>	i	i	n
<p>tcpip-name-local-cache Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Local Name Cache</p> <p>Entries in the TCP/IP name service cache. By default, this table is filled in at run-time.</p> <p>{ <i>index</i> (<i>no default</i>) (read-only—used by SNMP only) <i>ncdNameResolverTableIndex/ncdNameResolverNameCacheTable 1</i></p> <p><i>hostname</i> (nil) <i>ncdNameResolverTableName/ncdNameResolverNameCacheTable 2</i></p> <p><i>ip_address</i> (0.0.0.0) <i>ncdNameResolverTableAddress/ncdNameResolverNameCacheTable 3</i></p> <p><i>lifetime</i> (Range: 0 - 4294967295 (0)) <i>ncdNameResolverTableExpTime/ncdNameResolverNameCacheTable 4</i></p> <p><i>ncdNameResolverNameCacheTable</i> <i>ncdNameResolver 14</i></p>	t	i	n
<p>tcpip-name-server-protocol Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Server Protocol or Change Quick Setup ⇒ Network ⇒ TCP/IP Name Service Protocol</p> <p>The TCP/IP name service protocol used when contacting the name servers. [dns ien-116 both] <i>ncdNameResolverProtocol</i> <i>ncdNameResolver 15</i></p>	c	i	y
<p>tcpip-name-server-retransmission-timeout Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Server Retransmission Timeout</p> <p>Amount of time (in seconds) that should elapse between retransmissions of a TCP/IP name service request. Range: 1 - 4294967295 (2) <i>ncdNameResolverRtxTimeout</i> <i>ncdNameResolver 16</i></p>	i	i	n
<p>tcpip-name-server-transaction-timeout Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Server Transaction Timeout</p> <p>How long (in seconds) that a TCP/IP name service request is attempted before a failure is declared. Range: 1 - 4294967295 (10) <i>ncdNameResolverTransactTimeout</i> <i>ncdNameResolver 1</i></p>	i	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>tcpip-name-servers Change Setup Parameters ⇒ TCP/IP Name Service ⇒ Name Servers or Change Quick Setup ⇒ Network ⇒ TCP/IP Name Servers</p> <p>The TCP/IP name servers. By default, this table is filled in during booting.</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdInetNameServersTableIndex/ncdNameResolverNameServersTable 1</i></p> <p><i>server_ip_address (0.0.0.0)</i> <i>ncdInetNameServersTableAddress/ncdNameResolverNameServersTable 2</i></p> <p><i>ncdNameResolverNameServersTable</i> <i>ncdNameResolver 18</i></p>	t	i	y
term group			
<p>term-default-connect-timeout Change Setup Parameters ⇒ VT320 Terminal Emulation ⇒ Terminal Default Connect Timeout</p> <p>How long (in seconds) that the terminal emulator attempts to establish a connection before declaring an error. Range: 0 - 600 (20)</p> <p><i>ncdTermDfltConnectTimeout</i> <i>ncdTerm 4</i></p>	i	i	n
<p>term-default-hosts Change Setup Parameters ⇒ VT320 Terminal Emulation ⇒ Default Hosts</p> <p>Hosts listed in the Terminal Host Chooser. By default, this table is empty.</p> <p>{ <i>index (no default)</i> (read-only—used by SNMP only) <i>ncdTermDCTIndex/ncdTermDfltConnectionTable 1</i></p> <p><i>protocol</i> telnet lat term serial <i>ncdTermDCTProtocol/ncdTermDfltConnectionTable 2</i></p> <p><i>hostname (nil)</i> <i>ncdTermDCTHost/ncdTermDfltConnectionTable 3</i></p> <p><i>description (nil)</i> } <i>ncdTermDCTDescription/ncdTermDfltConnectionTable 4</i></p> <p><i>ncdTermDfltConnectionTable</i> <i>ncdTerm 1</i></p>	t	i	n
<p>term-delay-lat-display Change Setup Parameters ⇒ VT320 Terminal Emulation ⇒ Delay LAT Display after Boot</p> <p>How long (in seconds) after rebooting that the Terminal Host Chooser's LAT services are displayed. Range: 0 - 120 (3)</p> <p><i>ncdTermDelayLATDisplay</i> <i>ncdTerm 5</i></p>	i	i	n
<p>term-restrict-host-choices Change Setup Parameters ⇒ VT320 Terminal Emulation ⇒ Restrict Host Choices</p> <p>The user can only choose a terminal host from the default hosts list. The user cannot enter the names of hosts. [true false]</p> <p><i>ncdTermRestrictConnectionChoices</i> <i>ncdTerm 2</i></p>	b	i	n
tftp group			
All tftp - configuration parameters are <i>read-only</i> (see page 39).			
time group			
<p>time-offset-from-gmt Change Setup Parameters ⇒ Time ⇒ Offset from Greenwich Mean Time</p> <p>The offset in minutes from Greenwich Mean Time (GMT). Range: -719 - 720 (-480)</p> <p><i>timeOffsetFromGMT</i> <i>ncdTime 4</i></p>	i	i	n
<p>time-server Change Setup Parameters ⇒ Time ⇒ Time Server</p> <p>The host to use as the time server. (nil) <i>hostname</i> or <i>ip_address</i></p> <p><i>timeServerAddress</i> <i>ncdTime 1</i></p>	s	i	n
<p>time-server-retries Change Setup Parameters ⇒ Time ⇒ Time Server Retries</p> <p>The number of attempts to contact the time server. Range: 0 - 4294967295 (3)</p> <p><i>timeServerRetries</i> <i>ncdTime 3</i></p>	i	i	n
<p>time-server-timeout Change Setup Parameters ⇒ Time ⇒ Time Server Timeout</p> <p>How long (in seconds) to wait for a reply from the time server. Range: 0 - 4294967295 (3)</p> <p><i>timeServerTimeout</i> <i>ncdTime 2</i></p>	i	i	n
<p>time-zone Change Setup Parameters ⇒ Time ⇒ Timezone</p> <p>The time zone file (in <i>/usr/lib/X11/ncd/zoneinfo</i>) corresponding to the location of the terminal. nil (<i>filename</i>)</p> <p><i>timeTimeZone</i> <i>ncdTime 5</i></p>	s	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
tokring and udp groups			

All **tokring-**, and **udp-** configuration parameters are *read-only* (see page 39).

unit group			
unit-administrative-status Change Setup Parameters ⇒ Unit ⇒ Administrative Status The administrative status of the terminal. "running"—the terminal is running and no reset is pending. "session-reset"—a session reset is pending. "last-client-close-reset"—a reset on close of the last client is pending. "unit-reset"—a unit reset is pending. [running session-reset last-client-close-reset unit-reset] <i>ncdSysAdminStatus</i> <i>ncdSystem 7</i>	c	i	n
unit-contact Change Setup Parameters ⇒ Unit ⇒ Administrative Contact The name of the person responsible for managing the terminal. nil (<i>contact_name</i>) <i>sysContact</i> <i>system 4</i>	s	i	n
unit-global-password (<i>write-only</i>) Change Setup Parameters ⇒ Access Control ⇒ Unit Global Password The password required for read/write access to the Configuration, Preferences, SNMP, and File daemons. Using the global password conserves NVRAM optional string space used by individual daemon passwords. nil (<i>password</i>) <i>ncdAccessGlobalPasswd</i> <i>ncdAccess 38</i>	s	i	y
unit-license-agent-port Change Setup Parameters ⇒ Licenses ⇒ License Agent Port Number The UDP port on which the license server is listening. The terminal sends messages to this port to get licenses. Range: 0 - 65536 (5129) <i>ncdSysLicenseAgentPort</i> <i>ncdSystem 17</i>	i	i	n
unit-license-agent-retries Change Setup Parameters ⇒ Licenses ⇒ Maximum Retries How many times the terminal tries to get a license from the proxy license server. Range: 1 - 100 (3) <i>ncdSysLicenseAgentRetries</i> <i>ncdSystem 19</i>	i	i	n
unit-license-agent-timeout Change Setup Parameters ⇒ Licenses ⇒ Transaction Timeout How long (in seconds) that the terminal waits for a reply from the proxy license server. Range: 1 - 100 (2) <i>ncdSysLicenseAgentTimeout</i> <i>ncdSystem 18</i>	i	i	n
unit-license-agents Change Setup Parameters ⇒ Licenses ⇒ License Agents The IP addresses of the hosts on which license server agents are running. { <i>index</i> (<i>no default</i>) (<i>read-only—used by SNMP only</i>) <i>ncdSysLicenseAgentTableIndex/ncdSysLicenseAgentTable 1</i> <i>host_ip_address</i> (0.0.0.0) } <i>ncdSysLicenseAgentTableAddress/ncdSysLicenseAgentTable 2</i> <i>ncdSysLicenseAgentTable</i> <i>ncdSystem 16</i>	t	i	n
unit-license-key Change Setup Parameters ⇒ Licenses ⇒ License Key or Change Quick Setup ⇒ Licenses ⇒ License Key A node license key. If more than one licensed feature is used, include more than one instance of this parameter. nil (<i>license_key</i>) <i>ncdSysLicenseKey</i> <i>ncdSystem 11</i>	s	i	y
unit-location Change Setup Parameters ⇒ Unit ⇒ Physical Location The physical location of the terminal. nil (<i>location</i>) <i>sysLocation</i> <i>system 6</i>	s	i	n
unit-low-memory-level Change Setup Parameters ⇒ Unit ⇒ Show Low Memory Warning Box at The threshold (in bytes) for displaying the Low-on-Memory warning box. Range: 0 - 4294967295 (50000) <i>ncdSysLowMemWarningThreshold</i> <i>ncdSystem 10</i>	i	i	n
unit-name Change Setup Parameters ⇒ Unit ⇒ Unit Name The terminal's symbolic name. unknown (<i>name</i>) <i>sysName</i> <i>system 5</i>	s	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>unit-query-for-name-at-boot Change Setup Parameters ⇒ Unit ⇒ Query for Unit Name at Boot</p> <p>Whether the terminal sends a reverse name request at boot time to the name servers to find its symbolic name. To send no reverse query—"none." To send a reverse query to the TCP/IP name servers (requires the DNS name server protocol)—"tcpip." To send a reverse query to the MOP boot server—"ncdnet."</p> <p>[none tcpip ncdnet] ncdSysQueryNameAtBoot ncdSystem 9</p>	c	b	y
video group (HMX series and Explora 700 series terminals only)			
<p>video-fast-mpeg-decoder Change Setup Parameters ⇒ Video ⇒ Fast MPEG Decoder</p> <p>The CompCore Multimedia decoder (which requires a license) is always used instead of the Berkeley decoder.</p> <p>[true false] ncdFastMPEGDecoder ncdVideo 1</p>	b	i	n
<p>video-starworks-volume-file Change Setup Parameters ⇒ Video ⇒ Starworks volume file</p> <p>The StarWorks volume information file.</p> <p>/usr/lib/X11/ncd/volumes.sw (filename) ncdVideoVolumeFile ncdVideo 2</p>	s	i	n
wincenter group			
<p>wincenter-audio Change Setup Parameters ⇒ WinCenter ⇒ Audio Enabled</p> <p>The action taken to enable audio in WinCenter. Audio values are Enabled or Disabled.</p> <p>[true false] ncdWinCenterAudioEnabled ncdWinCenter 5</p>	b	ss	n
<p>wincenter-colors Change Setup Parameters ⇒ WinCenter ⇒ Use WinCenter Colors</p> <p>The action taken to control colormap flash when using WinCenter and NCDware. On HMXpro24 terminals, all values result in the default local client colors, and the default background is chosen from the Microsoft Windows standard 20 colors. On all other terminals, the values have the following results: "disabled" means no action is taken. "local-clients" means a pseudo-color visual becomes the default visual, the 20 Microsoft Windows standard colors are pre-allocated in the default colormap using pixels 0-9 and 246-255, and the default local client colors and background color are chosen from the Microsoft standard colors. "wm-and-local-clients" is the same as "local-clients," except that window manager clients also allocate colors from the Microsoft standard colors. "all-clients" means that a static color visual is the default visual and the Microsoft standard colors are pre-allocated in the default colormap, as in "local-clients." This parameter is disabled if xserver-color-depth is set to 16-bit or 24-bit.</p> <p>[disabled local-clients wm-and-local-clients all-clients] ncdWinCenterColors ncdWinCenter 1</p>	c	ss	n
<p>wincenter-numcolors Change Setup Parameters ⇒ WinCenter ⇒ Number of Colors</p> <p>The action taken to select WinCenter colors. Color values are default (256 colors), 16, 256, or TrueColor (on HMX terminals only).</p> <p>[16-256-truecolor] ncdWinCenterNumColors ncdWinCenter 4</p>	c	ss	n
<p>wincenter-resolution Change Setup Parameters ⇒ WinCenter ⇒ Window Size</p> <p>The action taken to select WinCenter window size. Window sizes are Default, Full-Screen, 640x480, 800x600, 1024x768, 1152x900, 1280x1024, or 1600x1200.</p> <p>[default-full-screen-640x480-800x600-1024x768-1152x900-1280x1024-1600x1200] ncdWinCenterWindowSize ncdWinCenter 3</p>	c	ss	n
<p>wincenter-resources Not available in the Setup menus.</p> <p>The WinCenter resources for resolution, colors, and audio of the RESOURCE_MANAGER root window property. The resource names are WinCenter.resolution, WinCenter.colors, and WinCenter.audio. Resolution values are Default (full screen via XDM, smaller than full screen via a remote shell command), Full Screen, 640x480, 800x600, 1024x768, 1152x900, 1280x1024, 1600x1200. Color values are default (256 colors), 16, 256, or TrueColor (on HMX terminals only). Audio values are Enabled or Disabled.</p> <p>ncdWinCenterResources ncdWinCenter 2</p>	s	ss	n
xremote group			
<p>xremote-additional-escape-chars Change Setup Parameters ⇒ XRemote ⇒ Additional Escape Chars</p> <p>Additional escape characters (besides those in the pre-defined list). By default, this table is empty.</p> <p>{ index (no default) (read-only—used by SNMP only) ncdXremoteEscIndex/ncdXremoteEscTable 1 { escape-character (Range: 0 - 255 (0)) } ncdXremoteEscChar/ncdXremoteEscTable 2 ncdXremoteEscTable ncdXremote 18</p>	t	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>xremote-allow-xremotetcp-connection Change Setup Parameters ⇒ XRemote ⇒ Allow XRemote TCP Connection</p> <p>XRemote/TCP connections are allowed. [true false] <i>ncdXremoteNetEnabled</i> <i>ncdXremote 19</i></p>	b	i	n
<p>xremote-authorize-xremote-clients Change Setup Parameters ⇒ XRemote ⇒ Authorize XRemote Clients</p> <p>XRemote clients are authenticated. [true false] <i>ncdXremoteAuthEnabled</i> <i>ncdXremote 17</i></p>	b	i	n
<p>xremote-data-compression-mode Change Setup Parameters ⇒ XRemote ⇒ Data Compression Mode</p> <p>The XRemote data packet compression method. [default lzw-14 lzw-12 none] <i>ncdXremoteCompressType</i> <i>ncdXremote 16</i></p>	c	i	n
<p>xremote-tcp-port Change Setup Parameters ⇒ XRemote ⇒ TCP Port Number</p> <p>The TCP port on which the terminal listens for XRemote connections. Range: 1024 - 65535 (5900) <i>ncdXremoteListenPort</i> <i>ncdXremote 20</i></p>	i	b	n
xserver group			
<p>xserver-access-control-enabled Change Setup Parameters ⇒ Access Control ⇒ (X Server section) Enable X Access Control</p> <p>Host-based access control is enabled for client connections. [true false] <i>ncdAccessAccessEnabled</i> <i>ncdAccess 3</i></p>	b	i	n
<p>xserver-access-control-enabled-default Change Setup Parameters ⇒ Access Control ⇒ Default for Enable X Access Control</p> <p>Host-based access control is enabled <i>by default</i> for client connections. [true false] <i>ncdAccessDfltAccessEnabled</i> <i>ncdAccess 2</i></p>	b	ss	n
<p>xserver-access-control-list Change Setup Parameters ⇒ Access Control ⇒ (X Server section) X Access Control List</p> <p>The host access control list for the X server. By default, this table is empty.</p> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdAccessACTIndex/ncdAccessAccessControlTable 1</i> <i>hostname</i> or <i>ip-address</i> (nil) <i>ncdAccessACTAddress/ncdAccessAccessControlTable 2</i> <i>family</i> [tcpip ncdnet vms-decwindows] } <i>ncdAccessACTFamily/ncdAccessAccessControlTable 3</i></p> <p><i>ncdAccessAccessControlTable</i> <i>ncdAccess 4</i></p>	t	i	n
<p>xserver-arc-cache-max-size Change Setup Parameters ⇒ X and Graphics ⇒ Arc Cache Maximum Size</p> <p>The amount of memory (in bytes) used for arc caching. Range: 0 - 4294967295 (524288) <i>ncdXserverArcCacheSize</i> <i>ncdXserver 20</i></p>	i	i	n
<p>xserver-black-pixel Change Setup Parameters ⇒ X and Graphics ⇒ Black Pixel</p> <p>The pixel reported as BlackPixel on grayscale and color monitors. Range: 0 - 255 (0) <i>ncdXserverXBlackPixel</i> <i>ncdXserver 24</i></p>	i	ss	n
<p>xserver-color-depth Change Setup Parameters ⇒ X and Graphics ⇒ Color Depth</p> <p>The X server's color depth. Explora 400/450/700 only. 24-bit color can be set on Explora 450/700 only. Overrides xserver-default-visual and wincenter-colors. 8-bit, 16-bit, 24-bit <i>ncdXserverColorDepth</i> <i>ncdXserver 34</i></p>	c	b	y
<p>xserver-default-colormap Change Setup Parameters ⇒ X and Graphics ⇒ Default Colormap</p> <p>The initial contents of the default colormap. By default, this table is empty. Note that if the wincenter-colors parameter is enabled, it allocates entries in this table. See wincenter-colors for more information.</p> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdXserverCTIndex/ncdXserverColormapTable 1</i> <i>pixel</i> (Range: 0 - 255 (0)) <i>ncdXserverCTPixel/ncdXserverColormapTable 2</i> <i>rgb</i> (nil) <i>ncdXserverCTRgb/ncdXserverColormapTable 3</i> <i>read-only</i> [true false] } <i>ncdXserverCTReadOnly/ncdXserverColormapTable 4</i></p> <p><i>ncdXserverColormapTable</i> <i>ncdXserver 23</i></p>	t	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>xserver-default-font Change Setup Parameters ⇒ Fonts ⇒ Default Font</p> <p>The X server's default font. 10 x 20 (font) <i>ncdXserverDefaultFont</i> <i>ncdXserver 7</i></p>	s	ss	n
<p>xserver-default-font-path Change Setup Parameters ⇒ Fonts ⇒ Default Font Path or Change Quick Setup ⇒ Fonts ⇒ Default Font Path at Reset</p> <p>The default directories in which the X server looks for fonts. The default value varies depending on boot method and terminal type. For terminals booted from UNIX systems, in most cases the default is:</p> <pre> xserver-default-font-path = { { "built-ins" } { "/usr/lib/X11/ncd/fonts/pcf/misc" } { "/usr/lib/X11/ncd/fonts/pcf/100dpi" } { "/usr/lib/X11/ncd/fonts/pcf/dw100dpi" } } </pre> <p>For terminals booted from VMS systems, in most cases the default is:</p> <pre> xserver-default-font-path = { { "NCD_ROOT:[FONTS.PCEDW100DPI]" } { "NCD_ROOT:[FONTS.PCFMISC]" } { "BUILT-INS" } } </pre> <p>For terminals booted from PC cards, in most cases the default is:</p> <pre> xserver-default-font-path = { { "built-ins" } { "/local" } } </pre> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdXserverFontPathTableIndex/ncdXserverDefaultFontPathTable 1</i></p> <p><i>font-path-entry</i> (built-ins) <i>ncdXserverFontPathTableEntry/ncdXserverDefaultFontPathTable 2</i></p> <p><i>ncdXserverDefaultFontPathTable</i> <i>ncdXserver 6</i></p>	t	i	n
<p>xserver-default-visual Change Setup Parameters ⇒ X and Graphics ⇒ Default Visual</p> <p>The default visual. If the wincenter-colors parameter is set to all-clients, the default visual is static color. If xserver-color-depth is set to 16-bit or 24-bit color, only the true color visual is supported. [static-gray gray-scale static-color pseudo-color true-color direct-color true-color-24 direct-color-24] <i>ncdXserverXDefaultVisual</i> <i>ncdXserver 22</i></p>	c	ss	n
<p>xserver-disabled-extensions Change Setup Parameters ⇒ X and Graphics ⇒ Disabled X Extensions</p> <p>The extensions that should not be made available. By default, this is an empty table. { <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdXserverDisExtTableIndex/ncdXserverXDisabledExt 1</i> <i>extension-name</i> (nil) } <i>ncdXserverDisExtTableName/ncdXserverXDisabledExt 2</i></p> <p><i>ncdXserverXDisabledExt</i> <i>ncdXserver 17</i></p>	t	b	n
<p>xserver-enable-local-dead-key-processing Change Setup Parameters ⇒ Input Devices ⇒ Local Dead Key Support</p> <p>Some keyboards use local dead key processing. [true false] <i>ncdXserverDeadKeySupport</i> <i>ncdXserver 4</i></p>	b	i	n
<p>xserver-enable-local-lightpen-blue-flood Change Setup Parameters ⇒ Input Devices ⇒ Light Pen Blue Flood</p> <p>The lightpen's ability to distinguish light from dark is enhanced. For Explora, Explora Pro, and Explora 400/450 terminals only. [true false] <i>ncdXserverLightPenBlueFlood</i> <i>ncdXserver31</i></p>	b	i	n
<p>xserver-font-alias-file-name Change Setup Parameters ⇒ Fonts ⇒ Font Alias File Name</p> <p>The name of the file that contains font aliases. fonts.alias (UNIX) or FONTS.ALIAS (VMS) (<i>filename</i>) <i>ncdXserverFontAliasFileName</i> <i>ncdXserver 11</i></p>	s	i	n
<p>xserver-font-cache-max-size Change Setup Parameters ⇒ Fonts ⇒ Font Cache Maximum Size</p> <p>Amount of memory (in bytes) that can be used for font caching. Range: 0 - 4294967295 (100000 for terminals with monochrome monitors; 500000 for all others) <i>ncdXserverFontCacheSize</i> <i>ncdXserver 8</i></p>	i	i	n

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p><i>xserver-font-directory-file-name</i> Change Setup Parameters ⇒ Fonts ⇒ Font Directory File Name</p> <p>The name of the file that contains the listing of fonts in the directory. fonts.dir (UNIX) or FONTSDIR (VMS) (<i>font-directory</i>) <i>ncdXserverFontDirFileName</i> <i>ncdXserver 10</i></p>	s	i	n
<p><i>xserver-font-path-alias-table</i> Change Setup Parameters ⇒ Fonts ⇒ Font Name Table</p> <p>The symbolic mappings between user-specified strings and font path names. By default, this is an empty table.</p> <p>{ <i>index</i> (no default) (read-only—used by SNMP only) <i>ncdXserverAliasTableIndex/ncdXserverFontPathAliasTable 1</i> <i>font-path-alias</i> (100dpi) <i>ncdXserverAliasTableAlias/ncdXserverFontPathAliasTable 2</i> <i>font-path-value</i> (<i>/usr/lib/X11/ncd/fonts/pcf/100dpi/</i>) <i>ncdXserverAliasTableValue/ncdXserverFontPathAliasTable 3</i> <i>ncdXserverFontPathAliasTable</i> <i>ncdXserver 12</i></p>	t	i	n
<p><i>xserver-fontserver-open-timeout</i> Change Setup Parameters ⇒ Fonts ⇒ (Font Server section) Open Timeout</p> <p>How long (in seconds) the X server should try to establish a connection to a font server before declaring an error. Range: 0 - 100 (30) <i>ncdXserverFontserverOpenTimeout</i> <i>ncdXserver 15</i></p>	i	i	n
<p><i>xserver-fontserver-read-timeout</i> Change Setup Parameters ⇒ Fonts ⇒ (Font Server section) Read Timeout</p> <p>How long (in seconds) the X server should try to read information from a font server before declaring an error. Range: 0 - 100 (20) <i>ncdXserverFontserverReadTimeout</i> <i>ncdXserver 14</i></p>	i	i	n
<p><i>xserver-fontserver-reopen-timeout</i> Change Setup Parameters ⇒ Fonts ⇒ (Font Server section) Reopen Timeout</p> <p>The timeout (in seconds) before declaring a failure to reopen the font server connection. Range: 0 - 100 (10) <i>ncdXserverFontserverReopenTimeout</i> <i>ncdXserver 16</i></p>	i	i	n
<p><i>xserver-fontserver-retry-attempts</i> Change Setup Parameters ⇒ Fonts ⇒ (Font Server section) Reconnect attempts before failure</p> <p>How many times a font server request should be retried before declaring an error. Range: 0 - 25 (5) <i>ncdXserverFontserverRetryAttempts</i> <i>ncdXserver 13</i></p>	i	i	n
<p><i>xserver-initialize-web-palette-colors</i> Change Setup Parameters ⇒ X and Graphics ⇒ Pre-initialize Web Palette Colors</p> <p>Preloads the 216-Web Palette colors into the default colormap. [true false] <i>ncdXserverInitializeWebPaletteColors</i> <i>ncdXserver 35</i></p>	b	ss	n
<p><i>xserver-initial-x-resources</i> Not available in the Setup menus.</p> <p>The initial resources of the RESOURCE_MANAGER root window property for local clients. nil (<i>resources</i>) <i>ncdXserverInitialXResources</i> <i>ncdXserver 19</i></p>	s	i	n
<p><i>xserver-input-extension-device</i> Change Setup Parameters ⇒ Input Devices ⇒ Input Extension Device</p> <p>The input extension device attached to a serial port. [tablet 3d-mouse touchscreen] <i>ncdXserverInputExtensionDevice</i> <i>ncdXserver 26</i></p>	c	i	n
<p><i>xserver-keyboard-description-file</i> Change Setup Parameters ⇒ Input Devices ⇒ Keyboard Description File</p> <p>The filename of the downloadable keyboard description file. nil (<i>filename</i>) <i>ncdXserverKeyboardDescFile</i> <i>ncdXserver 30</i></p>	s	i	n
<p><i>xserver-keyboard-narrow-keysym-tables</i> Change Setup Parameters ⇒ Input Devices ⇒ Narrow Keysym Tables</p> <p>X11R3 2-entry keysym tables are used instead of X11R4-style 4-entry keysym tables. [true false] <i>ncdXserverNarrowKeyTable</i> <i>ncdXserver 3</i></p>	b	b	n
<p><i>xserver-keyboard-type</i> Change Setup Parameters ⇒ Input Devices ⇒ Keyboard Type</p> <p>The type of keyboard in use. The default and choices depend on the attached keyboard. <i>ncdXserverCurrentKeyboard</i> <i>ncdXserver 1</i></p>	c	b	y

Read/Write and Write-Only Parameters

Parameter Name and Location in Setup Menus Description Permitted Values or Table Row Entries (defaults in boldface) <i>SNMP Name and SNMP Path</i>	T y p e	W h e n	N V R A M
<p>xserver-keysym-file Change Setup Parameters ⇒ X and Graphics ⇒ Keysym File</p> <p>The filename used for the keysym database used by local clients. /usr/lib/X11/ncd/XKeysymDB (<i>filename</i>) <i>ncdXserverKeysymDBPath</i> <i>ncdXserver 27</i></p>	s	b	n
<p>xserver-mouse-buttons Change Setup Parameters ⇒ Input Devices ⇒ Mouse Buttons</p> <p>The number of buttons on the mouse attached to the terminal. The terminal detects the number of mouse buttons automatically when you set this to "auto-detect." Use "2" only when using a Microsoft mouse. [auto-detect 2] <i>ncdXserverMouseButtons</i> <i>ncdXserver 5</i></p>	c	i	n
<p>xserver-retain-font-path Change Setup Parameters ⇒ Fonts ⇒ Retain Font Path Across Sessions</p> <p>The X server retains the font path used by the last client. [true false] <i>ncdXserverRetainFonts</i> <i>ncdXserver 9</i></p>	b	i	n
<p>xserver-retain-x-settings Change Setup Parameters ⇒ X and Graphics ⇒ Retain X Settings Across Sessions</p> <p>The X server retains the settings of the resource database, keyboard, mouse, and screen saver when the last client disconnects. [true false] <i>ncdXserverXserverRetainSettings</i> <i>ncdXserver 18</i></p>	b	i	n
<p>xserver-rgb-file Change Setup Parameters ⇒ X and Graphics ⇒ RGB File</p> <p>The filename of the color database. /usr/lib/X11/ncd/rgb.txt (<i>filename</i>) <i>ncdXserverRgbPath</i> <i>ncdXserver 21</i></p>	s	b	n
<p>xserver-touchscreen-calibration-limits Not available in the Setup menus.</p> <p>The lower left (x,y) and upper right (x,y) coordinates of the touch screen calibration limits. <i>{ index (no default) (read-only—used by SNMP only)</i> <i>ncdXserverTouchscreenCalibrationLimitsIndex/ncdXserverTouchscreenCalibrationLimitsTable 1</i> <i>x-min (Range: 0 - 16383 (28))</i> <i>ncdXserverTouchscreenCalibrationLimitsXMin/ncdXserverTouchscreenCalibrationLimitsTable 2</i> <i>y-min (Range: 0 - 16383 (12))</i> <i>ncdXserverTouchscreenCalibrationLimitsYMin/ncdXserverTouchscreenCalibrationLimitsTable 3</i> <i>x-max (Range: 0 - 16383 (420))</i> <i>ncdXserverTouchscreenCalibrationLimitsXMax/ncdXserverTouchscreenCalibrationLimitsTable 4</i> <i>y-max (Range: 0 - 16383 (319)) }</i> <i>ncdXserverTouchscreenCalibrationLimitsYMax/ncdXserverTouchscreenCalibrationLimitsTable 5</i> <i>ncdXserverTouchscreenCalibrationLimitsTable</i> <i>ncdXserver 28</i></p>	t	i	n
<p>xserver-vendor-string Not available in the Setup menus.</p> <p>The string reported by the X server. (For use in remote configuration files only. If this parameter is set, the pre-compatibility-decwindows-vendor-string parameter is ignored.) <i>vendor_string</i> (no default) <i>ncdXserverVendorString</i> <i>ncdXserver 29</i></p>	s	ss	n
<p>xserver-white-pixel Change Setup Parameters ⇒ X and Graphics ⇒ White Pixel</p> <p>The pixel reported as WhitePixel on grayscale and color monitors. Range: 0 - 255 (255) <i>ncdXserverXWhitePixel</i> <i>ncdXserver 25</i></p>	i	ss	n

Read-Only Parameters

For descriptions of the following parameters, see the *NCDware Reference Manual*.

boot-previous-server
boot-previous-source
enet-interfaces-table
font-cache-hits
font-cache-size
font-cache-used
font-number-of-fonts-in-cache
font-object-count
font-objects-currently-in-use
font-total-fonts-loaded
icmp-address-mask-replies-received
icmp-address-mask-replies-transmitted
icmp-address-mask-requests-received
icmp-address-mask-requests-transmitted
icmp-destination-unreachables-received
icmp-destination-unreachables-transmitted
icmp-echo-replies-received
icmp-echo-replies-transmitted
icmp-echo-requests-received
icmp-echo-requests-transmitted
icmp-packets-received
icmp-packets-received-with-errors
icmp-packets-transmitted
icmp-packets-unable-to-be-transmitted
icmp-parameter-problems-received
icmp-parameter-problems-transmitted
icmp-redirects-received
icmp-redirects-transmitted
icmp-source-querches-received
icmp-source-querches-transmitted
icmp-time-exceededs-received
icmp-time-exceededs-transmitted
icmp-timestamp-replies-received
icmp-timestamp-replies-transmitted
icmp-timestamp-requests-transmitted
icmp-timestamps-requests-received
ip-address
ip-forwarding-type
ip-packet-fragmentations-completed
ip-packet-fragmentations-not-completed
ip-packet-fragments-created
ip-packet-reassemblies-completed
ip-packet-reassemblies-not-completed
ip-packet-reassemblies-required
ip-packet-reassembly-timeout
ip-packet-transmission-requests
ip-packet-transmission-requests-discarded
ip-packet-transmission-requests-without-routes
ip-packets-forwarded
ip-packets-received
ip-packets-received-and-delivered
ip-packets-received-and-discarded
ip-packets-received-with-errors-in-ip-header
ip-packets-received-with-incorrect-address
ip-packets-received-with-unknown-protocols
ip-subnet-address
login-xdm-manufacturer-display-id
modules-loaded
ncdnet-address
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Acronyms

The following acronyms are used in this manual.

ARP	Address Resolution Protocol
BOOTP	TCP/IP Bootstrap Protocol
CTERM	Command Terminal Protocol
CTS	Clear to Send
DNS	Domain Name System
DPS	Display PostScript
DSR	Data Set Ready
DTR	Data Terminal Ready
EHLAPI	Extended High-Level Language Application Programming Interface
FTP	File Transfer Protocol
GID	Group Identification
HTTP	Hypertext Transfer Protocol
ICA	Independent Computing Architecture
ICMP	Internet Control Message Protocol
IEN	Internet Engineering Notes
IP	Internet Protocol
LAT	Local Area Transport
LED	Light-emitting diode
MOP	Maintenance Operations Protocol
NFS	Network File Service
NVRAM	Non-volatile random-access memory
PCF	Portable Compiled Format
PCMCIA	Personal Computing Memory Card International Association (called PC)
PPP	Point-to-Point Protocol
PROM	Programmable read-only memory
RAM	Random-access memory
RGB	Red, green, blue
RPC	Remote Procedure Calling
RTS	Ready to Send
SIE	Simple Imaging Extension
SLIP	Serial Line Internet Protocol
SMB	Server Message Block File Service Protocol
SMTP	Simple Mail Transfer Protocol
SNAP	Sub Network Access Protocol
SNMP	Simple Network Management Protocol
TFTP	Trivial File Transfer Protocol
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
UDP	User Datagram Protocol
UID	User identification
VESA	Video Electronics Standards Association
XDM	X Display Manager

