

# Dell Wyse ThinOS

## 8.4\_112/ThinOS Lite 2.4\_112

### Hotfix

#### Release Notes

**Current Version: 8.4\_112**  
**Release Date: 2017-11**  
**Previous Version: 8.4\_110**

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# Contents

<b>Release type and definition .....</b>	<b>3</b>
<b>Current version .....</b>	<b>3</b>
<b>Previous version .....</b>	<b>3</b>
<b>Fixed issues .....</b>	<b>3</b>
<b>Supported platforms.....</b>	<b>5</b>
<b>Packages .....</b>	<b>5</b>
<b>INI parameter .....</b>	<b>5</b>

## Importance

Dell highly recommends applying this update as soon as possible. The update contains changes to improve the reliability and availability of your Dell system. Critical software releases are created to correct defects, make enhancements, or add new features. These releases are tested on all current, actively shipping platforms and operating systems as applicable. This release note contains details on the supported platforms, any changes in the configuration settings and licensing details as well. The bug fixes along with the workarounds are documented in the release notes. Any changes in the feature functionality from an end-user perspective are listed with the description of each feature at a high level.

## Release type and definition

This release note contains information about the fixed issues, INI parameters, and supported platforms for ThinOS version 8.4\_112 and ThinOS lite version 2.4\_112.

## Current version

Release 8.4, Build 112

Release 2.4, Build 112

## Previous version

Release 8.4, Build 110

Release 2.4, Build 110

## Fixed issues

The following are the fixed issues

**Table 1. Fixed issues**

SI.NO	CIR	Description
1.	CIR93480	VMware applications are launched automatically when they are not included in the AutoConnectList.
2.	CIR93803	VMware applications are launched automatically when they are not included in the AutoConnectList.
3.	CIR93391	No video condition during system reboot is resolved.
4.	CIR92862	Smartcard authentication reliability is improved to manage domain controller when it is not up and running..
5.	CIR92339	<b>SaveSysInfo</b> is improved to manage log updates while using HTTP(s).
6.	CIR93099	Upgrade condition where the client is not connected by wired 802.1x after upgrade is resolved.
7.	CIR93611	Improved the PCoIP reliability.
8.	CIR93738	Certificate CN character limit is increased to support values greater than 31 characters.
9.	CIR93341	Resolved ICA protocol driver error while connecting to Citrix Netscaler.
10.	CIR93853	Resolved ICA protocol driver error while connecting to Citrix Netscaler.
11.	CIR93895	Resolved ICA protocol driver error while connecting to Citrix Netscaler.
12.	CIR93889	Audio volume and microphone audio output is enhanced for Jabra headset devices.
13.	CIR93703	Continuous alerts on a Windows 10 VM when you use RDP session is resolved.
14.	CIR93827	When DHCP session ends, DHCP rebinds before and after session ends.

SI.NO	CIR	Description
15.	CIR93843	Resolved the USB peripheral redirection issue when you use an RDP session.
16.	CIR93933	Improved the quality of the Citrix Receiver logo, when it is displayed on a light desktop background.
17.	CIR93770	Added the OKTA authentication support while using PCoIP.
18.	CIR93482	Support for Entrust Multi Factor authentication is added.
19.	CIR93251	Improved the Intel wireless roaming capability.
20.	CIR94016	Improved the Smartcard reliability.
21.	CIR93402	Resolved the mouse cursor pointer display issue when zoomed to 150 percent.
22.	CIR93303	Improved the blast session reliability when a session is left idle for a period of time
23.	CIR93656	Improved the blast session reliability.
24.	CIR93520	Improved the blast session reliability.
25.	CIR93114	Improved the client response to Wyse Device Manager Server Busy response.
26.	CIR94054	Wireless delay option is added to overcome POE switch latency issues which results in Device=Wireless and DisableWlan=EnetUp commands failure.
27.	CIR94104	Resolved the INI viewer issue where encrypted CommunityReadOnly strings are displayed.
28.	CIR93303	Improved the blast session reliability.
29.	CIR93656	Improved the blast session reliability.
30.	CIR93520	Improved the blast session reliability.
31.	CIR94053	Resolved the issue in Wyse Management Suite in during CA Validation.
32.	CIR94187	Added the ability to read the client's MAC address from a Citrix session.
33.	CIR93431	Improved the general reliability.
34.	CIR93855	Resolved the wireless 802.1X GTK re-key issue.
35.	CIR94292	Resolved the wireless failure after an EAP GTK update.
36.	CIR93142	Enhanced the Citrix HTML5 redirection.
37.	CIR93969	Resolved the issue when VMware PCoIP launch session fails after software upgrade.

## Supported platforms

Following are the supported hardware platforms:

**Table 2. Supported hardware platforms**

Platform	Image
Wyse 3010 thin client with ThinOS	DOVE_boot
Wyse 3010 zero client for Citrix	T00_xen.bin
Wyse 3020 thin client with ThinOS	T10D_wnos
Wyse 3020 zero client for Citrix	T00D_xen
Wyse 3030 LT thin client with ThinOS	U10_wnos
Wyse 3030 LT thin client with PCoIP	PU10_wnos
Wyse 3040 thin client with ThinOS	A10Q_wnos
Wyse 3040 thin client with PCoIP	PA10Q_wnos
Wyse 5010 thin client with ThinOS	ZD10_wnos
Wyse 5010 thin client with PCoIP	PD10_wnos
Wyse 5010 zero client for Citrix	ZD00_xen
Wyse 5040 AIO thin client (5212)	ZD10_wnos
Wyse 5040 AIO thin client with PCoIP	PD10_wnos
Wyse 5060 thin client with ThinOS	D10Q_wnos
Wyse 5060 thin client with PCoIP	PD10Q_wnos
Wyse 7010 thin client with ThinOS	ZD10_wnos

## Packages

Following are the lists of packages:

**Table 3. Packages**

FR	1.20.46089
Horizon	4.4.42202
RTME	2.3.44433
TCX	7.1.41853

## INI parameter

Following are the INI parameters:

**Table 4. INI parameter**

Parameters	Description
SessionConfig=ICA [desktopmode={fullscreen, window}] [mapdisksunderz={yes, no, A-Z, a-z, A:-Z:, a:-z:}] [DiskMapTo=a sequence of characters] [SysMenu={remote local}]	SessionConfig—Specifies the ICA default settings of the optional connection parameters for all ICA sessions.  desktopmode—Default is fullscreen. Specifies the display mode of an ICA published desktop when using an ICA

Parameters	Description
<p>[SessionReliability={yes,no}]</p> <p>[WarnPopup={yes, no}]</p> <p>[ondesktop={yes,no, all, none, desktops, applications}]</p> <p>[AudioQualit]={default,high,medium,low}}</p> <p>[USBRedirection={TCX, ICA   HDX}]</p> <p>[ZLKeyboardMode={0, 1, 2}]</p> <p>[ZLMouseMode={0, 1, 2}]</p> <p>[Timeout={Yes, No}]</p> <p>[SucConnTimeout=seconds]</p> <p>[HDXFlashUseFlashRemoting={Never,Always}]</p> <p>[HDXFlashEnableServerSideContentFetching={Disabled,Enabled}]</p> <p>[EnableRTME={Yes,No}]</p> <p>[FlipByTime]={0, 1}]</p> <p>[RefreshTimeOut={dd:hh:mm}]</p> <p>[PasswordExpireNotify={Yes, No}]</p> <p>[RefreshPopupNotice={Yes, No}]</p> <p>[KeepAliveTimer={n}]</p> <p>[DisableReceiverLogo={Yes, No, {0, 1, 2, 3}}]*</p> <p>[MMRClientFetchDisabled={Yes, No}]</p> <p>[ClientName=_client_name_]*</p>	<p>PNAgent logon; the default is fullscreen mode for a PNA desktop application.</p> <p>mapdisksunderz—Specify a drive letter to replace default drive letter Z. For example, if MapdisksUnderZ=X, the disks will be under the drive X instead of drive Z.</p> <p>DiskMapTo—If sequence of characters are used by DiskMapTo each letter is mapped to one disk. For example RTNM is the sequence, R is mapped to first disk (in ThinOS, it is D:/) and T is mapped to second disk (in ThinOS, it is E:/). Except a-y and A-Y, all lower case character is changed to upper case, other characters are skipped, and duplicate character are omitted. For example, #GGefZzedAF1JaE is mapped as GEFDAJ. Number of disks mapped to a session depends on the number of valid letters. If no letter is provided, disks are mapped to session with default drive letters.</p> <p>SysMenu—Default is local. Specifies the system menu mode when right-clicking the taskbar button of a seamless window. If it is remote, the system menu will come from the remote server; otherwise, it will be the local menu.</p> <p>SessionReliability—Default is no. Yes/no option to enable session reliability.</p> <p>WarnPopup—If WarnPopup=no, the option can disable the warning message when session reliability happens in order to decrease the administrative support calls.</p> <p>ondesktop—Default is no. Specifies options for displaying connection icons on the desktop: If AutoConnectList is set in the PNLiteServer statement, all connections configured in AutoConnectList parameter will display on the desktop. Default is no and means that the property of ondesktop will be controlled by the server. However, the connections are still always added to</p>

Parameters	Description
	<p>the Connect Manager list and PNA menu list.</p> <p>In cases other than no, the connection is controlled by the local thin client. If set so that the connection icon does not display on the desktop, the connection icon will not be added to the Connect Manager list and the PNA menu list.</p> <p>all—same as yes, display all connections on desktop.  none—do not display any connections.  desktops—display connections on desktop.  applications—display applications, the connections will be handled as an ondesktop_list. For example, if you set ondesktop=word; excel, then only the applications word and excel will be displayed.</p> <p>AudioQuality—Default is default. Specifies the audio quality of ICA sessions.  NOTE: Medium quality is recommended for Speech scenarios. For example:  SessionConfig=ICA AudioQuality=high</p> <p>ZLKeyboardMode—Specifies to accelerate the display of the input text on the client device over a high latency connection. 0=off, 1=on, 2=auto  ZLMouseMode—Specifies to accelerate the visual feedback for mouse-clicks on the client device over a high latency connection. 0=off, 1=on, 2=auto</p> <p>Timeoutcontrols—Ask for credentials after the ICA broker log on timeout. Now, session ticket is invalid. If yes, you have to enter your credential to log in again to launch session else ThinOS uses the default credential to log in. Default value is set to yes.</p> <p>SucConnTimeout—This option enhances the seamless session share. During the first session logon, immediately start second or later sessions, which will wait for the time set with SucConnTimeout (or the logon success) to make sure new applications share with the first logon session.</p> <p>HDXFlashUseFlashRemoting—Default is Always, which means the HDX is enabled always. The value Never is to disable HDX.</p>

Parameters	Description
	<p>HDXFlashEnableServerSideContentFetching—Default is Disabled, which means the server side fetching content is not enabled. The value enabled is to enable this function.</p> <p>EnableRTME—This option controls the launch of RTME service. The default value is enabled.</p> <p>FlipByTimer—This option selects the screen refresh method. For some old server, there is no EndOfFrame transferred to the client. Then we can use this option to fix such issues.</p> <p>RefreshTimeOut—RefreshTimeOut triggers auto-refresh which updates ICA applications automatically. The value format dd:hh:mm, indicate days, hours, minutes as the auto-refresh interval. The default value is set to 0, that disables auto-refresh.</p> <p>PasswordExpireNotify—This option enables the password expire notification, which should configure in storefront server side, Authentication, password change set as At any time. Then before the password expires, logon prompts a message displaying the number of days after which the password will expire and let you change the password. The option WarnPopup=no can disable the warning message when session reliability happens to decrease the administrative support calls.</p> <p>RefreshPopupNotice—This option enables or disables the popup notice during refresh in progress. The default value is yes.</p> <p>KeepAliveTimer—This option disables the KeepAliveTimer if value is set to 0. If the value is not 0 and set to n, it triggers the timer in n times 10 seconds.</p> <p>DisableReceiverLogo—This option hides CitrixReceiver logo from ThinOS and ThinOS Lite.  NO=Display logo.  YES=disable logo after login.  2=disable logo during login.  3=disable logo before and after login.</p>

Parameters	Description
	<p>Default value is No.</p> <p>MMRClientFetchDisabled—This Option disables RAVE client content fetching function. Default value is set to No.</p> <p>ClientName—This option specifies the client name for the ICA session. Default value is terminal name. It can also use system variable. For example, SessionConfig=ICA ClientName=\$mac</p> <p><b>NOTE:</b> The mac address includes a special character :. Therefore, you may not be able to log in to XenDesktop version 7.15 using the Etoken Java(aladdin) and the Etoken CardOS SmartCard.</p>

Parameters	Description
<p>PnLiteServer=List of {IP address, DNS names or URLs}</p> <p>[ReconnectAtLogon={0, 1, 2}]</p> <p>[ReconnectFromButton={0, 1, 2}]</p> <p>[AutoConnectList={* appname1;appname2;appname3...}]</p> <p>[timeout={=5...300}]</p> <p>[CAGRSAAuthMethod=RSASecurid]</p> <p>[CAGAuthMethod={LDAP, RSA}]</p> <p>[CAGAuthMethod={LDAP+RSA, RSA+LDAP}]</p> <p>[RequestIconDataCount={0-65535}]</p> <p>[DefaultSettings={XenApp, XenDesktop}]</p> <p>[SmartcardPassthrough={yes, no}] [StoreFront={yes, no}]</p> <p>[HttpUserAgent= {UserAgent}]</p> <p>[CAGSendDomain= {yes, no}]*</p>	<p>PnLiteServer—This option specifies the list of IP addresses or host names with optional TCP port number or URLs of PNAgent/PNLite servers. The list is empty by default. Each entry with optional port is specified as Name-or-IP:port, where port is optional; if it is not specified, port 80 is used as the default. If a port other than 80 is used, the port number must be specified explicitly with the server location in the form IP:port or name:port. Once specified, it is saved in the non-volatile memory. NOTE: When Multifarm is set to yes, use # to separate failover servers, and use a comma (,) or a semicolon (;) to separate servers that belong to different farms.</p> <p>ReconnectAtLogon—This option specifies the reconnection function during log in. Default is set to 0—disables the option. 1—reconnects to disconnected sessions. 2—reconnects to active and disconnected sessions.</p>

Parameters	Description
	<p>ReconnectFromButton—This option specifies the reconnection function from the reconnect command button. Default is set to 0—disables the option. 1—reconnects to disconnected sessions. 2—reconnects to active and disconnected sessions.</p> <p>AutoConnectList—This option specifies the PNA applications that gets started automatically while using PNA to sign in. If AutoConnectList=*, then all the PNA applications gets connected automatically. The autoconnectlist is the connection description of application or host name which can use the wildcard * to match the string.</p> <p>Timeout—This option specifies the time in seconds where a client tries to establish a connection before reporting that it is unreachable.</p> <p>CAGRSAAuthMethod—This option is used for RSA Securid authentication. You need to enter passcode if the parameter is set. For example, pnlliteserver=&lt;enter your URL&gt; CAGRSAAuthMethod=RSASecurid.</p> <p>CAGAuthMethod—This option is used for CAG authentication configuration. CAGAuthMethod={LDAP+RSA, RSA+LDAP}—This is used for CAG authentication configuration. If CAGAuthMethod=LDAP+RSA, an extra passcode field needs to be entered except username/password/domain. If the CAG server is configured for a double authentication policy, this ini corresponds to the first auth LDAP and second auth RSA. If CAGAuthMethod=RSA+LDAP, it has the same result with CAGAuthMethod=RSA, compared to LDAP+RSA. If CAG server configure double authentication policy, this ini correspond to First auth RSA and Second auth LDAP.</p> <p>RequestIconDataCount—This option is used for requesting 32-bit color icons. It is a counter which means that only</p>

Parameters	Description
	<p>the count of the icons is requested. The default number is set to 10. For example, if set RequestIconDataCount=0, no icon data is requested. If set RequestIconDataCount=5, only 5 icons are requested.</p> <p>DefaultSettings—This option specifies the default settings for XenApp or XenDesktop.</p> <p>Xen App Default Settings:</p> <ol style="list-style-type: none"> <li>1. SignOn=Yes</li> <li>2. PnliteServer=</li> <li>3. RequestIconDataCount=20</li> <li>4. desktopcolordepth=32</li> <li>5. LongApplicationName=yes sessionconfig=ica progressivedisplay=yes ondesktop=yes</li> <li>6. device=audio volume=high</li> <li>7. Seamless=yes FullscreenReserved=yes</li> <li>8. sessionconfig=all mapdisks=yes</li> <li>9. Enabled by default: Disks, Serials, Sound</li> <li>10. Disabled by default: USB, Printers, Smart CardsXen</li> </ol> <p>Xen Desktop Default Settings:</p> <ol style="list-style-type: none"> <li>1. SignOn=Yes</li> <li>2. sysmode=vdi toolbarclick=yes toolbardelay=3</li> <li>3. sessionconfig=ica progressivedisplay=yes</li> <li>4. PnliteServer=</li> <li>5. AutoSignoff=yes</li> <li>6. Enable by default: Printers, Serials, USB, Sound</li> <li>7. Disabled by default: Disk, Smart CardsSmartcard</li> </ol> <p>SmartcardPassthrough—This option is set to yes by default. Yes/no option enables/disables the smartcard pass through mode.</p> <p>StoreFront—This option is set to no by default. Yes/no option to support Citrix StoreFront authentication. The value is saved into NVRAM.</p> <p>HttpUserAgent—The option replaces the default CitrixReceiver ThinOS/1.0 during Netscaler login. If you use ThinOS/1.0 as Netscaler Session Policy, set the INI parameter to retain your Netscaler policy configuration.</p>

Parameters	Description
	<p>CAGSendDomain—This option sends domain as domain\user to external Netscaler network to support Netscaler+DUO passcode authentication. Default value is set to No.</p>

Parameters	Description
<p>Device=audio</p> <p>[volume={high, middle, low}]</p> <p>[mute={yes, no, 0, 1, 2, 3}]</p> <p>[mic_vol={high, middle, low}]</p> <p>[mic_mute={yes, no}]</p> <p>[mic_boost={yes, no, 1, 2, 3, 4}]</p> <p>[min_cache={1-50}]</p> <p>[EnableSpeaker={yes, no}]</p> <p>[playback={device name string}]</p> <p>[record={device name string}]</p> <p>[mic_gain_device={device name string}]*</p> <p>[mic_gain={1~8}]*</p>	<p>volume—This option specifies the volume level. Following are the volume level where, high—100% middle—50% low—0%</p> <p>mute—This option enable/disable mute. Following are the mute values, 0/no—unmute. 1/yes—audio mute, beep unmute. 2—mutes audio and system beep. 3—mutes system beep.</p> <p>mic_vol—This option specifies the mute level. Following are the mic volume level where, high—100% middle—50% low—0%</p> <p>mic_mute—This option specifies the mic mute. Following are the mute values yes—mute. no—no mutes.</p> <p>mic_boost—This option boosts the mic boost.</p> <p>min_cache—This option is for configuring ThinOS audio playback minimum buffering amount in ten millisecond units. This can be used when network bandwidth is not large enough to play audio smoothly. In such cases, set min_cache higher, so that ThinOS buffers more audio data before playing the audio. 1 – ThinOS buffers at least 10 ms of audio data when playing audio. 50 – ThinOS buffers at least 500 ms (0.5s) of audio data when playing audio. Default value is set to 1.</p>

Parameters	Description
	<p>EnableSpeaker—This option is to enable the internal loud speaker. Default is yes. Yes/no options are used to enable/disable it.</p> <p>mic_gain_device—This option is used to enhance mic gain.</p> <p>mic_gain—This option is to enhance mic gain n times. The value of n ranges from 1 to 8.</p>
<p>SessionConfig=ICA</p> <p>[desktopmode={fullscreen, window}]</p> <p>[mapdisksunderz={yes, no, A-Z, a-z, A:-Z:, a:-z:}]</p> <p>[DiskMapTo=a sequence of characters]</p> <p>[SysMenu={remote local}]</p> <p>[SessionReliability={yes,no}]</p> <p>[WarnPopup={yes, no}]</p> <p>[ondesktop={yes,no, all, none, desktops, applications}]</p> <p>[AudioQuality={default,high,medium,low}]</p> <p>[USBRedirection={TCX, ICA   HDX}]</p> <p>[ZLKeyboardMode={0, 1, 2}]</p> <p>[ZLMouseMode={0, 1, 2}]</p> <p>[Timeout={Yes, No}]</p> <p>[SucConnTimeout=seconds]</p> <p>[HDXFlashUseFlashRemoting={Never,Always}]</p> <p>[HDXFlashEnableServerSideContentFetching={Disabled,Enabled}]</p> <p>[EnableRTM]={Yes,No}]</p> <p>[FlipByTimer={0, 1}]</p> <p>[RefreshTimeOut={dd:hh:mm}]</p> <p>[PasswordExpireNotify={Yes, No}]</p> <p>[RefreshPopupNotice={Yes, No}]</p> <p>[KeepAliveTimer={n}]</p> <p>[DisableReceiverLogo={Yes, No, {0, 1, 2, 3}}]*</p>	<p>SessionConfig—Specifies the ICA default settings of the optional connection parameters for all ICA sessions.</p> <p>desktopmode—Default is fullscreen. Specifies the display mode of an ICA published desktop when using an ICA PNAgent logon; the default is fullscreen mode for a PNA desktop application.</p> <p>mapdisksunderz—Specify a drive letter to replace default drive letter Z. For example, if MapdisksUnderZ=X, the disks will be under the drive X instead of drive Z.</p> <p>DiskMapTo—If sequence of characters are used by DiskMapTo each letter is mapped to one disk. For example RTNM is the sequence, R is mapped to first disk (in ThinOS, it is D:/) and T is mapped to second disk (in ThinOS, it is E:/). Except a-y and A-Y, all lower case character is changed to upper case, other characters are skipped, and duplicate character are omitted. For example, #GGefZzedAF1JaE is mapped as GEFDAJ. Number of disks mapped to a session depends on the number of valid letters. If no letter is provided, disks are mapped to session with default drive letters.</p> <p>SysMenu—Default is local. Specifies the system menu mode when right-clicking the taskbar button of a seamless window. If it is remote, the system menu will come from the remote server; otherwise, it will be the local menu.</p> <p>SessionReliability—Default is no. Yes/no option to enable session reliability.</p> <p>WarnPopup—If WarnPopup=no, the option can disable the warning message when session reliability happens in order to decrease the</p>

Parameters	Description
<p>[MMRClientFetchDisabled={Yes, No}]</p>	<p>administrative support calls.</p> <p>ondesktop—Default is no. Specifies options for displaying connection icons on the desktop:            If AutoConnectList is set in the PNLiteServer statement, all connections configured in AutoConnectList parameter will display on the desktop. Default is no and means that the property of ondesktop will be controlled by the server. However, the connections are still always added to the Connect Manager list and PNA menu list.            In cases other than no, the connection is controlled by the local thin client. If set so that the connection icon does not display on the desktop, the connection icon will not be added to the Connect Manager list and the PNA menu list.            all—same as yes, display all connections on desktop.            none—do not display any connections.            desktops—display connections on desktop.            applications—display applications, the connections will be handled as an ondesktop_list. For example, if you set ondesktop=word; excel, then only the applications word and excel will be displayed.</p> <p>The option AudioQuality can specify the audio quality of ICA sessions.            For example:            SessionConfig=ICA AudioQuality=high            that means for all default ICA connections, their connection audio quality will be set to high.            The option USBRedirection can select the channel of usb devices redirection. Default is HDX or ICA.            This option is recommended to replace old setting "device=vusb type={TCX, HDX}".</p> <p>AudioQuality—Default is default. Specifies the audio quality of ICA sessions.            NOTE: Medium quality is recommended for Speech scenarios. For example:            SessionConfig=ICA AudioQuality=high</p> <p>ZLKeyboardMode—Specifies to accelerate the display of the input text</p>

Parameters	Description
	<p>on the client device over a high latency connection. 0=off, 1=on, 2=auto</p> <p>ZLMouseMode—Specifies to accelerate the visual feedback for mouse-clicks on the client device over a high latency connection. 0=off, 1=on, 2=auto</p> <p>Timeoutcontrols—Ask for credentials after the ICA broker log on timeout. Now, session ticket is invalid. If yes, you have to enter your credential to log in again to launch session else ThinOS uses the default credential to log in. Default value is set to yes.</p> <p>SucConnTimeout—This option enhances the seamless session share. During the first session logon, immediately start second or later sessions, which waits for the time set with SucConnTimeout (or the logon success) to make sure new applications share with the first logon session.</p> <p>HDXFlashUseFlashRemoting—Default is Always, which means the HDX is enabled always. The value Never is to disable HDX.</p> <p>HDXFlashEnableServerSideContentFetching—Default is Disabled, which means the server side fetching content is not enabled. The value enabled is to enable this function..</p> <p>EnableRTME—This option controls the launch of RTME service. The default value is enabled.</p> <p>FlipByTimer—This option selects the screen refresh method. For some old server, there is no EndOfFrame transferred to the client. Then we can use this option to fix such issues.</p> <p>RefreshTimeOut—RefreshTimeOut triggers auto-refresh which updates ICA applications automatically. The value format dd:hh:mm, indicate days, hours, minutes as the auto-refresh interval. The default value is set to 0, that disables auto-refresh.</p> <p>PasswordExpireNotify—This option enables the password expire notification, which should configure in storefront server side, Authentication, password change set as At any time.</p>

Parameters	Description
	<p>Then before the password expires, logon prompts a message displaying the number of days after which the password will expire and let you change the password. The option WarnPopup=no can disable the warning message when session reliability happens to decrease the administrative support calls.</p> <p>RefreshPopupNotice—This option enables or disables the popup notice during refresh in progress. The default value is yes.</p> <p>KeepAliveTimer—This option disables the KeepAliveTimer if value is set to 0. If the value is not 0 and set to n, it triggers the timer in n times 10 seconds.</p> <p>DisableReceiverLogo—This option hides CitrixReceiver logo from ThinOS and ThinOS Lite.  NO=Display logo.  YES=disable logo after login.  2=disable logo during login.  3=disable logo before and after login.  Default value is No.</p> <p>MMRClientFetchDisabled—This Option disables RAVE client content fetching function. Default value is set to No.</p>

Parameters	Description
<p>Device=Ethernet</p> <p>[Speed=speed]</p> <p>[MTU=mtu]</p> <p>[KeepAlive={5-600}]</p> <p>[Warning={yes, no}]</p> <p>[WirelessWaitEnet={1-60}]*</p>	<p>Device—Specifies to use an Ethernet.</p> <p>Speed—This option specifies the ethernet speed to either Auto, 10 MHD, 10 M FD, 100 M HD, 100 M FD, or 1000 M. If Speed is set in a wnos.ini file, the Speed statement in the {username}.ini file will be disabled. Default is set to auto.</p> <p>MTU—A maximum transmission unit value is between 5 to 500.</p> <p>KeepAlive—Specifies a time value in seconds between 5 and 600 to keep an idle connection alive.</p> <p>Warning—This option is used to set Yes/no value to warn about an idle connection. In the seconds of the specified KeepAlive, if the tcp</p>

	<p>connection is idle and Warning=yes, one log will be printed for the session. For example, device=ethernet keepalive=20 warning=yes</p> <p>WirelessWaitEnet—This option specifies that for how many seconds you have to wait for wireless initialize in case of ENetUp. Default value is set to 5.</p>
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**NOTE:** \* refers to newly added INI parameters.