



Blazer 5.0 Parameters

A white paper by
WYSE Technology Inc.

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Summary

The purpose of this document is to provide a comprehensive list of Wyse Thin OS parameters which can be put in wnos.ini/user.ini or both to customize Blazer configuration. This White paper is specifically for WTOS 5.0 parameters and assumes that the reader is familiar with configuration of Blazer units.

Definition

wnos.ini

The file wnos.ini contains global parameters for all 1000 Series Thin Appliances accessing the FTP server as their home directory. Commands in both sections of the following table may be used in wnos.ini, but the commands in the top section are used only in wnos.ini and not in [username].ini.

[username].ini

[username].ini contains the connection profile for an individual user. Parameters may be entered as necessary for reference but are not mandatory unless changes from defaults are required. All parameters used in [username].ini have the same meaning as wnos.ini. The parameters in the user's profile supersede the identically named global parameters. But when sign off, the parameters in the third table will return to their original value set in wnos.ini.

Convention

The following tables list the commands that may be used in the wnos.ini and [username].ini files.

- Refer to the right column of the table for an explanation of the commands and italicized parameters/values shown in the left column.
- Parameter/value lists within square brackets indicate that only one item of the list should be entered. Do not include the brackets.
- Parameters described in **green** are new commands available only in 5.0.

General Rules of the “ini” Files

1. Commands and parameters may be entered for reference as necessary but are not mandatory unless changes from defaults are required (Certain parameters to the CONNECT=ICA command are mandatory as noted in the table)..
2. Use “#” as the first character in the beginning of a line to insert comments.
3. Use “ ” (space character) to separate parameters in a connect statement.
4. Blank lines may be used to enhance readability.
5. Use “\” as the last character at the end of a line (i.e., \<Enter>) to indicate line continuation. There must be no white space between the \ and the <Enter> character. White space between parameter entries must be maintained, however.
6. String parameters containing white spaces must be placed within quotation marks (use common-practice nesting rules).

7. For parameter list selections of type *[0, 1]*, 0 indicates false or no, and 1 indicates true or yes, as applicable. The older *[0, 1]* format is equivalent to and may be used instead of the *[no, yes]* format where indicated in the table.
8. For a URL parameter type, the parameter is assumed to point to a file under the Thin Appliance's home directory. The home directory is the wnos subdirectory for the anonymous FTP login of the FTP server that is specified by the **File Server** entry in the Network Setup dialog box.
9. Use semicolons or commas for list separators (such as for list of ICA browsers).
10. All [username].ini files must be write-enabled to allow the Thin Appliance to place the encrypted user passwords in the files.
11. The combined number of connection entries defined in a [username].ini file and the wnos.ini file cannot exceed 216.
12. The statements are listed by increment sequence in the following tables.

Description

1. Parameters for **WNOS.INI** only.

AddCertificate=filename	Specify a certificate file residing in the subfolder "cacerts" under "wnos" folder to load on the NAND flash device on platforms with NAND flash, else load on the memory.								
AutoLoad={0, 1, 2}	<p>Selects firmware update mode:</p> <table border="1"> <thead> <tr> <th><u>Value</u></th> <th><u>Action</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Disable checking for image</td> </tr> <tr> <td>1 (default)</td> <td>Enable firmware upgrade/downgrade process</td> </tr> <tr> <td>2</td> <td>Enable upgrade only</td> </tr> </tbody> </table>	<u>Value</u>	<u>Action</u>	0	Disable checking for image	1 (default)	Enable firmware upgrade/downgrade process	2	Enable upgrade only
<u>Value</u>	<u>Action</u>								
0	Disable checking for image								
1 (default)	Enable firmware upgrade/downgrade process								
2	Enable upgrade only								
AutoPower={yes, no}	Control how the system starts when the power is first applied to the unit. If it is set, the system starts itself up without waiting for users to press the power button. This setting is useful in a kiosk environment. S10 uses BIOS value instead default value.								
Community=community	Specify the SNMP community name. A string up to 31 characters. Once specified, it is saved in the non-volatile memory.								
DefaultUser=username	Default sign-on user. This is used in conjunction with Pnliteserver for Pnlite login								
DelCertificate=filename	Remove the named file from the NAND flash or from the memory.								
DHCPOptionsRemap={yes no} FileServer={128-254} RootPath={128-254} FtpUserName={128-254} FtpPassWord={128-254} RapportServer={128-254} RapportPort={128-254} PnliteServer={128-254} DomainList={128-254}	If DHCPOptionsRemap=yes, the following parameters can be set, otherwise, cannot. The options value must be between 128 and 254. Each value must be different. These options are used to configure DHCP server tags for blazer booting.								

DHCPVendorID = {ASCII}	<p>This option will set the DHCPVendorID in the network setting dialogue box of the blazer. You can use up to 50 ASCII characters in the value field.</p> <p>When using this option DHCPVendorID field in the network dialogue box will become grayed out and will be saved in the NVRAM of the Blazer.</p>
DisableButton={yes, no}	Disable power button.
DisableDomain={yes, no}	Disable the dropdown domain list at the PN sign-on dialog box.
DomainList=list of NT domain names	The list of names will be used on the terminal's sign-on window as a selectable list to help users in selecting the domain to sign on to PN-Lite/Agent servers. Once specified, it is saved in the non-volatile memory.
EnableGKey = {yes, no}	Disable 'G' key reset.
FileServer = List of {IP address, DNS names}	Specify a list of host names or IP address separated in comma or semicolon for the file servers. Once specified, it is saved in the non-volatile memory. If the file servers are changed, system will reload wnos.ini from the new file servers.
FormURL=URL to a file	URL to a sign-on window form or a bitmap filename displayed in the sign-on window under the Thin Appliance's home directory. If auto dial-up is enabled, this statement is invalid. Default = Empty.
LongApplicationName={yes, no}	Set to yes to display all 38 characters in icon on desktop. Otherwise just displays up to 19 characters, the last three characters will be '...' if over 19 characters.
MaxVNCD={1, n}	Default = 1. Set to 0 to disable shadowing, or a non-zero absolute count of the number of concurrent VNC sessions. The maximum count value allowed is 5.
MultiFarm={yes, no}	Set to yes to enable sign on to multiple PN servers when specifying a PN server list.
MultiLogon={yes, no}	Set to yes, the PN sign on authenticating window can input different username, password and domain while sign on to different PN server.
NoticeFile = filename	Specify a legal notification file residing in the home folder as wnos.ini. The file is displayed in a dialog box; the user is prompted to accept before the sign-on process to continue.
PasswordServer=icaserver	Specify a Citrix server that can be logged on to modify password when user sign-on with password timeout.

<p>PnLiteServer = List of {IP address, DNS names} with optional port number in each entry</p>	<p>A list of host names or IP address with optional TCP port number of PN-Lite servers. Default = Empty. Each entry with optional port is specified as Name-or-IP:port, where :port is optional, if no specified, port 80 is used. Once specified, it is saved in the non-volatile memory.</p> <p>The statement PNAgentServer and NFuseServer is equal to this statement.</p>
<p>PrinterMap=name of a printer mapping file</p>	<p>A text file to be included to define printer mappings. Each line in the file is of format "Printer Identification" = "Printer Driver Name". Example: "HL-1240 Series" = "HP LaserJet" Leading character of '#' or ';' denotes a comment line.</p>
<p>RapportDisable={yes, No}</p>	<p>Set to yes to disable the Rapport agent.</p>
<p>RapportServer=<i>server_list</i></p>	<p>Specifies a list of IP address or DNS names separated in comma for the Rapport servers. Once specified, it is saved in the non-volatile memory.</p>
<p>RootPath = root path of file server</p>	<p>Specify the root path of file server. Once specified, it is saved in the non-volatile memory. If it is changed, system will reload wnos.ini from the new file servers.</p>
<p>SignOn={yes,no, <i>NTLM</i>} <i>[MaxConnect=max]</i> <i>[ConnectionManager={maximize, minimize, hide}]</i> <i>[EnableOK={yes,no}</i> <i>[DisableGuest={yes,no}</i> <i>[DisablePassword={yes,no}</i></p>	<p>Yes/no choice to enable the sign-on process. Default = 1 (enabled). <i>If set to NTLM, user can be authenticated with NTLM protocol.</i></p> <p><i>The optional keyword "MaxConnect" sets the maximum number of connects allowed to be specified in the wnos.ini and username.ini together. The range allowed for the "max" is 100 to 1000. The default maximum is 216 entries.</i></p> <p><i>The option keyword "ConnectionManager" sets the state of connection manager while signon. (After 5.0.006)</i></p> <p><i>The following optional keywords are valid after 5.0.010.</i></p> <p><i>The optional keyword "EnableOK" sets to show OK and Cancel button in sign-on window.</i></p> <p><i>The optional keyword "DisableGuest" sets whether guest sign-on is disabled or not.</i></p> <p><i>The optional keyword "DisablePassword" sets to disable password box and new password checkbox in sign-on window.</i></p>
<p>Speedbrowser={on, off}</p>	<p>Enables ICA 7.0 Speedscreen Browser Acceleration Function in. This feature is enabled by default. In UTC EPROM version, it is disabled due to less available Flash space.</p>

SysName={client, DNS}	Set to DNS, a reverse DNS name from DNS server is checked into Rapport server. By default, the terminal name is checked in.								
TcpTimeOut={1-255}	The Tcp Timeout option configures the timeout value of a TCP connection. The value must be between 1 and 255 which means the connection timeout value is from 1x30 seconds to 255x30 seconds.								
ThinPrintEnable={yes, No} [Port=port number]	Set to No to disable the thinprint client. The option Port sets the tcp port of thinprint, the default is 4000 and the port number must be less than 65535.								
<p>TimeZone=zone [ManualOverride={yes, no}] [daylight = {yes, no}] [start=mmwwdd end=mmwwdd] [TimeZoneName=timezonename] [DayLightName=daylightname]</p>	<p>This statement is valid if the zone is "Unspecified" on the terminal or with ManualOverride option parameter. The allowable zones are referred the menu list in System Preference window like 'GMT - 12:00' to 'GMT + 13:00' at one hour increment, 'GMT + 03:30', 'GMT + 04:30', 'GMT + 05:30', 'GMT + 05:45', 'GMT + 06:30', 'GMT + 09:30', 'GMT - 3:30' and 'Greenwich Mean Time'. The option parameter ManualOverride overrides the terminal System Preference Menu setting with this TimeZone wnos.ini file setting.</p> <p>If EnableLocal=yes set in wnos.ini, TimeZone will be saved into nvram after 5.0.010.</p> <p>The option parameter 'Daylight' is to enable/disable the daylight saving. The 'mmwwdd' is a 6 digit number to specify the start and the end of daylight saving.</p> <p>Mm - 01 to 12 for the month of the yea from Jan. to Dec. 01 is January.</p> <p>Ww - 01 to 04 for the week of the month, 05 is the last week. 01 is 1st week.</p> <p>Dd - 01 to 07 for the day in the week from Monday to Sunday. 01 is Monday. 07 is Sunday.</p> <p>The parameter daylight, start and end must be specified as their sequence.</p> <p>The option parameter TimeZoneName is the display name sending to ICA/RDP session like "Eastern Standard Time". If the time zone enables the daylight saving, the option parameter DayLightName should be like "Eastern Daylight Time", otherwise it should be same as TimeZoneName. The TimeZoneName should be exactly same as the value list in the following table in 6.12.1 appended by "Standard Time", the DayLightName should be exactly same as the value list in the table appended by "Standard Time" or "Daylight Time" if daylight is enabled.</p> <p>NOTE: If "Allow Time Zone Redirection" is set "Enable" in Windows 2003 Server, "Time Zone redirection" will work through RDP connection. Run the command "gpedit.msc" to find the "Allow Time Zone Redirection" option in "Computer Configuration -> Administrator Template -> Windows Components -> Terminal Service -> Client/Server Data Redirection" on Windows 2003 Server.</p> <table border="1" data-bbox="673 1772 1437 1898"> <thead> <tr> <th>Geographic time zones</th> <th>Time zones name</th> </tr> </thead> <tbody> <tr> <td>(GMT-12:00) Eniwetok, Kwajalein</td> <td>Dateline</td> </tr> <tr> <td>(GMT-11:00) Midway Island, Samoa</td> <td>Somoa</td> </tr> <tr> <td>(GMT-10:00) Hawaii</td> <td>Hawaiian</td> </tr> </tbody> </table>	Geographic time zones	Time zones name	(GMT-12:00) Eniwetok, Kwajalein	Dateline	(GMT-11:00) Midway Island, Samoa	Somoa	(GMT-10:00) Hawaii	Hawaiian
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(GMT-10:00) Hawaii	Hawaiian								

(GMT-09:00) Alaska	Alaskan
(GMT-08:00) Pacific Time (US & Canada); Tijuana	Pacific
(GMT-07:00) Arizona	US Mountain
(GMT-07:00) Mountain Time (US & Canada)	Mountain
(GMT-06:00) Central America	Central America
(GMT-06:00) Central Time (US & Canada)	Central
(GMT-06:00) Mexico City	Mexico
(GMT-06:00) Saskatchewan	Canada Central
(GMT-05:00) Bogota, Lima, Quito	SA Pacific
(GMT-05:00) Eastern Time (US & Canada)	Eastern
(GMT-05:00) Indiana (East)	US Eastern
(GMT-04:00) Atlantic Time (Canada)	Atlantic
(GMT-04:00) Caracas, La Paz	SA Western
(GMT-04:00) Santiago	Pacific SA
(GMT-03:30) Newfoundland	Newfoundland
(GMT-03:00) Brasilia	E. South America
(GMT-03:00) Buenos Aires, Georgetown	SA Eastern
(GMT-03:00) Greenland	Greenland
(GMT-02:00) Mid-Atlantic	Mid-Atlantic
(GMT-01:00) Azores	Azores
(GMT-01:00) Cape Verde Is.	Cape Verde
(GMT) Casablanca, Monrovia	Greenwich
(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London	GMT
(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	W. Europe
(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague	Central Europe
(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Romance
(GMT+01:00) Sarajevo, Skopje, Vilnius, Warsaw, Zagreb	Central European
(GMT+01:00) West Central Africa	W. Central Africa
(GMT+02:00) Athens, Istanbul, Minsk	GTB
(GMT+02:00) Bucharest	E. Europe
(GMT+02:00) Cairo	Egypt
(GMT+02:00) Harare, Pretoria	South Africa
(GMT+02:00) Helsinki, Riga, Tallinn	FLE
(GMT+02:00) Jerusalem	Jerusalem
(GMT+03:00) Baghdad	Arabic
(GMT+03:00) Kuwait, Riyadh	Arab
(GMT+03:00) Moscow, St. Petersburg, Volgograd	Russian
(GMT+03:00) Nairobi	E. Africa
(GMT+03:30) Tehran	Iran
(GMT+04:00) Abu Dhabi, Muscat	Arabian
(GMT+04:00) Baku, Tbilisi, Yerevan	Caucasus
(GMT+04:30) Kabul	Afghanistan
(GMT+05:00) Ekaterinburg	Ekaterinburg
(GMT+05:00) Islamabad, Karachi,	West Asia

Tashkent	
(GMT+05:30) Chennai, Kolkata, Mumbai, New Delhi	India
(GMT+05:45) Kathmandu	Nepal
(GMT+06:00) Almaty, Novosibirsk	N. Central Asia
(GMT+06:00) Astana, Dhaka	Central Asia
(GMT+06:00) Sri Jayawardenepura	Sri Lanka
(GMT+06:30) Rangoon	Myanmar
(GMT+07:00) Bangkok, Hanoi, Jakarta	SE Asia
(GMT+07:00) Krasnoyarsk	North Asia
(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi	China
(GMT+08:00) Irkutsk, Ulaan Bataar	North Asia East
(GMT+08:00) Kuala Lumpur, Singapore	Malay Peninsula
(GMT+08:00) Perth	W. Australia
(GMT+08:00) Taipei	Taipei
(GMT+09:00) Osaka, Sapporo, Tokyo	Tokyo
(GMT+09:00) Seoul	Korea
(GMT+09:00) Yakutsk	Yakutsk
(GMT+09:30) Adelaide	Cen. Australia
(GMT+09:30) Darwin	AUS Central
(GMT+10:00) Brisbane	E. Australia
(GMT+10:00) Canberra, Melbourne, Sydney	AUS Eastern
(GMT+10:00) Guam, Port Moresby	West Pacific
(GMT+10:00) Hobart	Tasmania
(GMT+10:00) Vladivostok	Vladivostok
(GMT+11:00) Magadan, Solomon Is., New Caledonia	Central Pacific
(GMT+12:00) Auckland, Wellington	New Zealand
(GMT+12:00) Fiji, Kamchatka, Marshall Is.	Fiji
(GMT+13:00) Nuku'alofa	Tonga

VncPassword = password

Specify a string of up to 16 bytes as the password for shadowing.

2. Parameters for both **WNOS.INI** and **[username].ini**.

<u>Settings in wnos.ini do that can not be reserved</u>	
ClearLicense={yes, no}	Set to yes to clear the TSCAL license stored in the non-volatile memory. It can be replaced by "FixLicense=clean".
CONNECT=[ICA, RDP]	Connection protocol followed by selections from the parameter list. <ul style="list-style-type: none"> Parameters marked with an asterisk "*" are mandatory. All connect parameters for each connection must be on the same logical line (\ may be used for line continuation – see rules above)
DESKTOP=bitmap file [Layout={tile, center}]	Specifies a bitmap file to be used as the wallpaper for the local desktop. This file could be a 4-, 8-, or 24-bit BMP file or a Microsoft icon or standard GIF file or a standard JPEG file. The file must be located in the FTP server wnos\bitmap directory Default is no wallpaper . The optional parameter "Layout" specifies the arrangement on the desktop of the bitmap. For the <i>tile</i> selection, the image is replicated across the desktop. Default = center . If auto dial-up is set, it will become invalid.
DeskColor="rrr ggg bbb"	Specifies the desktop background color in RGB string format (must be enclosed in quotes), where rrr, ggg, and bbb are decimal numbers in the range of 0 to 255. Default = "16 100 36" (green).
Device=Ethernet [Speed=speed] [MTU=mtu]	"Speed" is either "Auto", "10M HD", "10M FD", "100M HD" or "100M FD". "mtu" is the MTU value settable between 500 to 1500.
Device=Wireless Mode={Infrastructure, AdHoc} SSID=ssid Channel={1-14} WepKey={None, 1-4} Key1=k1 Key2=k2 Key3=k3 Key4=k4	Defines wireless Ethernet device remotely and saves to the local NVRAM. Not all parameters are needed. For example, one may define Key1 to have a key of "k1" and leave out Key2 to Key4.
DomainList=List of domain names used at the PNLite sign-on window	Enclose in quotation marks if spaces are included. For example: DOMAINLIST="North_America, SQA, test-domain"
EthernetSpeed=speed	Specify the Ethernet speed that is either "Auto", "10M HD", "10M FD", "100M HD" or "100M FD". Once specified, it is saved in the non-volatile memory. If changed, the system reboots. This statement can be replaced by "Device=Ethernet Speed=speed".
FactoryDefault={0, 1}	Set to 1 to reset the system setting to factory default only once for each firmware change. Set to 0 then reboot, the option will be initialized again.
FastDisconnet={yes, no}	Set to yes, press F12 will disconnect from ICA session.
FastDisconnetKey={F9, F10, F11, F12}	Set the disconnect key that can disconnect from ICA session.

FixLicence={Factory, clean, yes, no }	If set to factory, this parameter forces the Blazer not to save the TSCAL in Flash but keep the license burned in factory. If set to clean This parameter cleans TSCAL from flash.																																														
HideIP={yes, no }	<p>Set to yes to hide some information of connection host or IP. For example,</p> <ol style="list-style-type: none"> 1. Moving mouse over the connection icons on desktop, one balloon help pops up, '...' displays instead of host name. 2. Reconnect to a connection or pop up ICA error message window, the connection description displays instead of host name. 3. Moving mouse over the PN icon, the connected PN servers do not display. 																																														
INCLUDE= <i>path/filename</i>	Include another ".ini" file at the position of this command. Only one level of include is allowed (no nesting) and only for username.ini.																																														
<p>LANGUAGE=<i>description</i></p> <p>Or</p> <p>LANGUAGE=<i>code</i></p> <p>Charset={ISO-8859-1, ISO-8859-7}</p>	<p>See "Preference Dialog Box" in the earlier section for a full list of support languages. Once specified in wnos.ini, it will be saved in non-volatile memory. For the localization products: The description should be local language. Advice: The best way is using the "LANGUAGE=<i>code</i>" mode for setting. Please see the Keyboard Language table below. Note: If the "Charset={ISO-8859-7}" is set, the Greek language will be support on desktop display.</p> <table border="1" data-bbox="613 1045 1453 1890"> <thead> <tr> <th>Keyboard Language</th> <th>.ini File Code</th> </tr> </thead> <tbody> <tr><td>Arabic (Saudi Arabia)</td><td>Ar_sau</td></tr> <tr><td>Arabic (Iraq)</td><td>Ar_ira</td></tr> <tr><td>Arabic (Egypt)</td><td>Ar_egy</td></tr> <tr><td>Arabic (Libya)</td><td>Ar_lib</td></tr> <tr><td>Arabic (Algeria)</td><td>Ar_alg</td></tr> <tr><td>Arabic (Morocco)</td><td>Ar_mor</td></tr> <tr><td>Arabic (Tunisia)</td><td>Ar_tun</td></tr> <tr><td>Arabic (Oman)</td><td>Ar_oma</td></tr> <tr><td>Arabic (Yemen)</td><td>Ar_yem</td></tr> <tr><td>Arabic (Syria)</td><td>Ar_syr</td></tr> <tr><td>Arabic (Jordan)</td><td>Ar_jor</td></tr> <tr><td>Arabic (Lebanon)</td><td>Ar_leb</td></tr> <tr><td>Arabic (Kuwait)</td><td>Ar_kuw</td></tr> <tr><td>Arabic (U.A.E.)</td><td>Ar_uae</td></tr> <tr><td>Arabic (Bahrain)</td><td>Ar_bah</td></tr> <tr><td>Araabic (Qatar)</td><td>Ar_qat</td></tr> <tr><td>Brazilian</td><td>Br</td></tr> <tr><td>Canadian Multilingual</td><td>ca_ml</td></tr> <tr><td>Chinese (Simplified)</td><td>Gb</td></tr> <tr><td>Chinese (Traditional)</td><td>b5</td></tr> <tr><td>Croatian</td><td>Croat</td></tr> <tr><td>Czech</td><td>Cz</td></tr> </tbody> </table>	Keyboard Language	.ini File Code	Arabic (Saudi Arabia)	Ar_sau	Arabic (Iraq)	Ar_ira	Arabic (Egypt)	Ar_egy	Arabic (Libya)	Ar_lib	Arabic (Algeria)	Ar_alg	Arabic (Morocco)	Ar_mor	Arabic (Tunisia)	Ar_tun	Arabic (Oman)	Ar_oma	Arabic (Yemen)	Ar_yem	Arabic (Syria)	Ar_syr	Arabic (Jordan)	Ar_jor	Arabic (Lebanon)	Ar_leb	Arabic (Kuwait)	Ar_kuw	Arabic (U.A.E.)	Ar_uae	Arabic (Bahrain)	Ar_bah	Araabic (Qatar)	Ar_qat	Brazilian	Br	Canadian Multilingual	ca_ml	Chinese (Simplified)	Gb	Chinese (Traditional)	b5	Croatian	Croat	Czech	Cz
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Arabic (Saudi Arabia)	Ar_sau																																														
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Arabic (Tunisia)	Ar_tun																																														
Arabic (Oman)	Ar_oma																																														
Arabic (Yemen)	Ar_yem																																														
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Arabic (Bahrain)	Ar_bah																																														
Araabic (Qatar)	Ar_qat																																														
Brazilian	Br																																														
Canadian Multilingual	ca_ml																																														
Chinese (Simplified)	Gb																																														
Chinese (Traditional)	b5																																														
Croatian	Croat																																														
Czech	Cz																																														

	Danish	Dk
	Dutch	Nl
	English (Australian)	Au
	English (3270 Australian)	au3270
	English (New Zealand)	Nz
	English (United Kingdom)	Uk
	English (United States)	Us
	Finnish	Fi
	French (Belgian)	fr_be
	French (Canadian)	fr_ca
	French (France)	Fr
	French (Swiss)	fr_sf
	German	De
	German (Swiss)	de_sg
	Greek	el
	Hungarian	Hu
	Italian	It
	Italian (Swiss)	it142
	Japanese	Jp
	Korean	Ko
	Norwegian	No
	Polish (214)	Pl
	Polish Programmers	pl_prog
	Portuguese	Pt
	Romanian	Ro
	Slovakian	Slovak
	Slovenian	Sloven
	Spanish	Es
	Spanish (Mexican)	La
	Swedish	Se
	Turkish	Turk
	Turkish (Qwerty)	turk_q
	U. S. International	us_int
MouseSpeed= <i>value</i>	<u>Value</u> 0 1 2	<u>Mouse Speed</u> Slow Medium (default) Fast
MouseSwap= <i>value</i>	<u>Value</u> 0 1	<u>Swap</u> No (default) Yes
PNLiteServer= <i>List of IP addresses or DNS names with optional port number</i>	PNLite server list. Successive server entries must be delimited by commas and port numbers delimited from their servers by the colon. Enclose in quotation marks if spaces are included. For example: PNLITESERVER="132.237.176.80:8082, test-server:80"	

<p>Password = sign-on password</p>	<p>In wnos.ini, set to the default password. System will sign on automatically not waiting for username, password and domain inputs. In [username].ini, it is the encrypt password of the user. If not map the user's input, system will fail to sign on. This can be changed by user if checked in sign on window.</p>																		
<p>Printer={COM1, COM2, LPT1, LPT2} Name=name [PrinterID=window_driver] [Enabled={yes, no}] [EnableLPD={yes, no}]</p>	<p>Configure local printers. The Name specifies the name of the printer and it is required. If the PrinterID is not specified, the default "Generic / Text Only" is used. If Enabled is not specified, the default is to enable the printer. If EnableLPD is not specified, the LPD service will not be enabled. NOTE: the parameters must be specified in this order.</p>																		
<p>Printer={LPD1, LPD2, LPD3, LPD4} Host= host Queue=queue [PrinterID=window_driver] [Enabled={yes, no}]</p>	<p>Defines a LPD printer. If the PrinterID is not specified, the default "Generic / Text Only" is used. If Enabled is not specified, the default is to enable the printer. NOTE: the parameters must be specified in this order. NOTE: for backward compatibility, LPD is accepted as LPD1. LPD2 – LPD3 are new in the 5.0. For WT1200 platform where Local flash is absent, locally configured LPD2-LPD4 and SMB1 to SMB4 will disappear on power cycle.</p>																		
<p>Printer={SMB1, SMB2, SMB3, SMB4} Host=[domain]\host Name=share_name [PrinterID=window_driver] [enabled={yes, no}] [Username=username] [Password=password] [Domain=domain name]</p>	<p>Specify printers on the shared Microsoft network. "Name" Is the shared printer name. Host is specified as \domain\host if the host is configured within an M/S domain. Otherwise, host is specified as "\\host". Username specifies the user who can use the SMB printer. Password specifies the user's password. Domain specifies the domain name where the SMB printer.</p>																		
<p>RepeatDelay=value</p>	<table border="1"> <thead> <tr> <th><u>Value</u></th> <th><u>Delay Before Repeat (Seconds)</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1/5</td> </tr> <tr> <td>1</td> <td>1/4</td> </tr> <tr> <td>2</td> <td>1/3 (default)</td> </tr> <tr> <td>3</td> <td>1/2</td> </tr> <tr> <td>4</td> <td>3/4</td> </tr> <tr> <td>5</td> <td>1</td> </tr> <tr> <td>6</td> <td>2</td> </tr> <tr> <td>7</td> <td>No Repeat</td> </tr> </tbody> </table>	<u>Value</u>	<u>Delay Before Repeat (Seconds)</u>	0	1/5	1	1/4	2	1/3 (default)	3	1/2	4	3/4	5	1	6	2	7	No Repeat
<u>Value</u>	<u>Delay Before Repeat (Seconds)</u>																		
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6	2																		
7	No Repeat																		
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<p>Resolution=[DDC, 640x480, 800x600, 1024x768, 1280x1024, 1600x1200] [Refresh=60, 75, 85]</p>	<p>Set local display resolution and refresh rate. If set in wnos.ini, the statement in [username].ini will be invalid. After 5.0.017, an option "DDC" can be specified to select default display resolution.</p>																		

<p>Serial={COM1, COM2, COM3, COM4 } [Baud=baud] [Parity=parity] [Stop=stop] [Size=size] [Flow=flow] [Touch={yes, no}]</p> <p>[Touch_type={"elo", "microtouch", "fastpoint"}]</p>	<p>Configure local serial ports. See section of "Serial Setup" for the configurable parameters.</p> <p>Touch set to yes to denote that serial touch screen is attached. Touch type set to "elo" to denote that ELO touch screen is used. Touch type set to "microtouch" to denote that MicroTouch touch screen is used. Touch type set to "fastpoint" to denote that FastPoint touch screen is used.</p>																												
<p>ScreenSaver=<i>value</i> [LockTerminal = {yes, no, 2}]</p> <p>[Type = {0,1,2}]</p> <p>[Image = imagefile]</p>	<table border="1" data-bbox="617 577 1169 892"> <thead> <tr> <th><u>Value</u></th> <th><u>Delay Before Starting</u></th> </tr> </thead> <tbody> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>1 Minute</td></tr> <tr><td>5</td><td>5 Minutes</td></tr> <tr><td>10</td><td>10 Minutes</td></tr> <tr><td>20</td><td>20 Minutes (default)</td></tr> <tr><td>30</td><td>30 Minutes</td></tr> <tr><td>60</td><td>1 Hour</td></tr> <tr><td>120</td><td>2 Hours</td></tr> <tr><td>180</td><td>3 Hours</td></tr> </tbody> </table> <p>The optional parameter "LockTerminal" specifies to put the terminal in LOCK state when the screen saver is activated. The user will be prompted with a "unlock terminal" dialog box to enter the sign-on password. Note: the user must be signed on with a password for this action to take effect.</p> <p>After 5.0.011, when LockTerminal=2, the unlock window will not be moved and the desktop will black out. If EnableLocal=yes and it is set in wnos.ini, the state of LockTerminal will be saved into nvram.</p> <p>The optional parameter 'Type' specifies which type of screen saver to use</p> <table border="1" data-bbox="617 1249 1404 1375"> <thead> <tr> <th>Value</th> <th>Type of Screen Saver</th> </tr> </thead> <tbody> <tr><td>0</td><td>Turn Screen Off</td></tr> <tr><td>1</td><td>Flying Bubbles</td></tr> <tr><td>2</td><td>Moving Image</td></tr> </tbody> </table> <p>The optional parameter "imagefile" is to specify an imagefile residing in the sub-folder "bitmap" under the home folder. If type is set to 2 and no image file is specified then the default "wyse" logo image is used.</p>	<u>Value</u>	<u>Delay Before Starting</u>	0	Disabled	1	1 Minute	5	5 Minutes	10	10 Minutes	20	20 Minutes (default)	30	30 Minutes	60	1 Hour	120	2 Hours	180	3 Hours	Value	Type of Screen Saver	0	Turn Screen Off	1	Flying Bubbles	2	Moving Image
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<p>TimeServer=server_list [TimeFormat = {24-hour format, 12-hour format}] [DateFromat = {yyyy/mm/dd, mm/dd/yyyy, dd/mm/yyyy}]</p>	<p>Specify the SNTP time servers and optionally the display format.</p> <p>After 5.0.010, the time and date format will be saved into nvram if EnableLocal=yes in wnos.ini.</p> <p>After 5.0.014, added date format "dd/mm/yyyy"</p>																												

Settings in wnos.ini that can be reserved

	ICA ONLY						
Alternate={yes, no }	If set to yes, the connection will alternate address via firewall. From 5.0.008, this setting will be saved into nvram if EnableLocal is set to 1.						
AutoSignoff={yes, no } [Shutdown = {yes, no }]	Set to 1 to automatically sign-off an user when the last opened session is closed. Optionally, shutdown the terminal. If “shutdown” is set to “yes”, then the ShutdownCounter value is used to control the count down before system is shut off.						
DefaultPrinter={LPD1, LPD2, LPD3, LPD4, COM1, COM2, LPT1, LPT2, SMB1, SMB2, SMB3, SMB4}	Set default printer. The printer set as default must be enabled; otherwise the setting will be invalid.						
DisableMouse={yes, no }	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>Value</u></td> <td style="text-align: center;"><u>Disabled</u></td> </tr> <tr> <td style="text-align: center;">0</td> <td>No (default)</td> </tr> <tr> <td style="text-align: center;">1</td> <td>Yes – mouse device disabled and no mouse pointer shown on the screen, pointer is re-enabled if any mouse activity occurs.</td> </tr> </table>	<u>Value</u>	<u>Disabled</u>	0	No (default)	1	Yes – mouse device disabled and no mouse pointer shown on the screen, pointer is re-enabled if any mouse activity occurs.
<u>Value</u>		<u>Disabled</u>					
0	No (default)						
1	Yes – mouse device disabled and no mouse pointer shown on the screen, pointer is re-enabled if any mouse activity occurs.						
Or MouseDisable={yes, no }							
EnableLocal={yes, no }	Set to 1 to enable locally configured entries to show up in the Connect Manager’s list. (ie, activate local entries) From 5.0.008, Set to 1 will save the global information into nvram. The global information includes: SEAMLESS, ALTERNATE, Reconnet and IcaBrowsing.						
IcaBrowsing={http, udp }	Establish the default setting for ICA connections. If set to “http”, the ica browsing protocol will be HTTP. From 5.0.008, this setting will be saved into nvram if EnableLocal is set to 1.						
INACTIVE=# minutes	Default = 0. No Idle timeout, range = 0 minutes to 480 minutes						
LowBand={ no , yes} or [0, 1]	Establish the default setting for all connections from 5.0.020. Yes/no choice to enable optimization for low speed connections, such as reducing audio quality and/or decreasing protocol-specific cache size. Default = no (disabled). This setting will be saved into nvram if EnableLocal is set to 1.						
NoReducer={yes, no }	Establish the default setting of compression off for all type of connections.						

Controls operator access to Thin Appliance resources:

PRIVILEGE={None, Low, **High**}
 [LockDown= {Yes, **No**}]

[HideSysInfo = {yes, **no**}]

[HidePPP = {yes, **no**}]

[HidePN = {yes, **no**}]

[HideConnectionManager = {yes, **no**}]

{EnableNetworkTest = {yes, **no**}}

Parameter

Operator Privileges

None

- The **System Setup** selection on the desktop menu is disabled; the **Setup** submenu cannot be displayed.
- The **Connect Manager, Dialup Manager and PPTP manager** dialog boxes are disabled.
- The Reset to Factory default checkbox in the Shutdown dialog window is not available

Low

- The **Network and Wireless** selections on the **Setup** submenu are disabled (grayed out). The **Connection Settings** dialog box (opened from **Connect Manager**) is readable but not writable.
- The Reset to Factory default checkbox in the Shutdown dialog window is disabled.

High (default)

- No restrictions; all Thin Appliance resources are available.

NOTE If PRIVILEGE=None or Low is used, the **Network Setup** dialog box is disabled. If it is necessary to access this dialog box, remove the network connector and reboot. This will bring up the **Network Setup** dialog box.

NOTE Local user mode does not make use of .ini files.

NOTE If the optional “LockDown = Yes” is specified, the system saves in the flash device of this privilege level. If the “LockDown = No” is specified, the system clears the privilege level from the flash device to the default unlocked state. If the device is LockDowned with a low privilege level, the device will disable “g” key reset on power-up.

If set a “Privilege” with “High” or “Low” or “None”, the 4 parameters “HideSysInfo”, “HidePPP”, “HidePN”, “HideConnectionManager” will work as the under table.

NOTE “Disable” means whether the parameter is set or not it will not effect with the “Privilege” set before. “Enable” means if the parameter is set it will effect with the “Privilege” set before.

	High (default)	Low	None
HideSysInfo	Disable	Disable	Enable
HidePPP	Disable	Enable	Disable
HidePN	Enable	Enable	Enable
HideConnectionManager	Enable	Enable	Disable
EnableNetworkTest	Disable	Disable	Enable

	<p>If the optional “HideSysInfo = yes” is set, then the “System Information” will be disabled. If “HidePPP” is specified, then “Dialup Manager”, “PPPoE Manager” and “PPTP Manager” will all be disabled. If “HidePN” is specified, then the PN Agent or PN Lite ICON will not be visible on the taskbar. If “HideConnectionManager” is specified, then the connection manager window will not be visible.</p> <p>After 5.0.015, the value set by HideSysInfo, HidePPP, HidePN and HideConnectionManager will be saved into nvram if Lockdown=yes is specified.</p> <p>If the optional “EnableNetworkTest = yes” is set with “Privilege = None”, the “Network Test” feature in popup menu will be enabled.</p>
Reconnect={yes, no}	<p>Establish the default setting of Reconnect for all type of connections. From 5.0.008, this setting will be saved into nvram if EnableLocal is set to 1.</p>
SEAMLESS={yes, no} [HideTaskbar={yes, no, 2}]	<p>Establish the default setting for ICA connection parameters. If set to yes, then the default resolution for ICA published applications is set to Seamless.</p> <p>The keyword “HideTaskbar” sets the status of taskbar when maximizing the seamless window. If set to yes, the maximized size will be the full screen, the taskbar will be hided when maximizing the seamless window. Moving the mouse over the lowest bottom of screen (1/4 height of taskbar) will display the taskbar.</p> <p>From 5.0.008, this setting will be saved into nvram if EnableLocal is set to 1.</p> <p>When set “Seamless=yes HideTaskbar=2”, it removes auto-hide taskbar function but it reports the full resolution to ica server like “HideTaskbar=yes”.</p>
ShutdownCount=# seconds <i>Or</i> ShutdownCounter=# seconds	<p>Default = 10. Specifies the number of seconds to count down before shutdown sequence to start when users press the power button on the unit and when there are active sessions. Set the value to 0 to commence shutdown immediately with no count down popup box. The value range is from 0 to 60.</p>
VNCPrompt = {yes, no} [{Accept, Reject} = seconds] [ViewOnly = {yes, no }]	<p>Specify if user at the terminal should be prompted to allow a shadowing request. Optionally, specify prompt expired time in seconds with action to accept or reject. Optionally, specify viewing only that no keyboard/mouse events allowed to interfere with the unit under shadowing.</p> <p>The value range of accept/reject should be from 10 to 600.</p>

3. Connect parameters

The following ones can be used after “Connect=RDP” or “Connect=ICA” command.

Alternate= <i>[no, yes]</i>	ICA ONLY Yes/no choice to use an alternate IP address returned from an ICA master browser to get through firewalls. Default = no
Autoconnect= <i>{0-99, no, yes }</i>	Yes/no choice to start connection automatically after sign-on if enabled. Default = no. The number {0-99} is the delay seconds before auto starting the session.
Browserip= <i>list of browsers</i>	ICA ONLY List of IP addresses or DNS registered names to specify ICA browsers list . List items must be separated by semicolons or commas.
Colors= <i>[256, 32k, 64k, high, 16m, true]</i>	Session color mode. Default = high. For faster display performance, use 256 colors for the session. NOTE Although the default is 32 k colors, older ICA servers (before ICA service pack FR1) may not support the 32 k mode. In this case, the client Thin Appliance will negotiate with the server and run the session in the 256 color mode. <u>The options 32k, 64k, high are same, 16m and true are same and available when the hardware supports.</u>
Command= <i>start command</i>	A string of commands to be executed after logging on to the server. This entry is limited to 127 characters.
Console= <i>{no, yes}</i>	After 5.0.019, for RDP, set to yes to log into a session in Console mode. NOTE: If “Console=yes” is set behind RDP connection, the “Time Zone redirection” feature will be disabled.
Description= <i>string description</i>	Connection description. Enclose in quotation marks if there are embedded blanks. For quotation marks, use common-practice nesting rules. Up to 19 characters are allowed for this entry.
Directory= <i>working directory</i>	A directory to be used as the working directory after logging on to the server. This entry is limited to 63 characters.
Domainname= <i>{domain name, \$DN }</i>	Domain name in a Windows network. Up to 19 characters are allowed for this entry. \$DN specifies that the 1200LE sign on domain name is used.

Encryption=[Basic , 40, 56, 128, Login-128, None]	ICA ONLY Connection security level. The highest level is 128-bit security. The lowest is Basic. Default = Basic.
Experience=mask	For RDP only, specifies a mask of features in the range of 0 to 15. Bit 1 selects "WallPaper", bit 2 selects "Show context when dragging", bit 3 selects "Menu / Window animation" and bit 4 selects "Theme".
Fullscreen=[no , yes] or [0, 1]	Yes/no choice to run the session full screen. Default = no (session runs in windowed screen).
Host=[name, IP, \$UN]	A list of servers' hostnames or IP addresses. The Thin Appliance attempts to connect to the next server on the list if the previous one failed. List items must be separated by semicolons or commas. \$UN specifies that the sign on user name is used and it should be set in user.ini. NOTE: If set "Host=\$UN" in wnos.ini the hostname will display as default "Start". If set "Host=\$UN" in user.ini the hostname will display as the sign on user name.
Or * Application= <i>published application</i>	ICA ONLY Published application to launch. Required if no host is specified.
HttpBrowsing={no, yes}	ICA ONLY Select browsing protocol. Set to 0 for udp, 1 for http.
Icon=[default, bitmap file]	Specifies an icon to appear on the Thin Appliance desktop for this connection. Use <i>default</i> to display a system default icon for this connection. For another icon, enter the name (with extension) of the bitmap file and ensure that the file is located in the FTP server wnos\bitmap directory. If not specified and if the entry is not defined by PN-Lite server, no icon is displayed for this connection.
LocalCopy={no, yes}	Set to yes to save the connection to the local NVRAM. The "description" field is used as the index key into the local connection table. If a match is found, then the entry is updated. Otherwise, a new entry is created. Note: there are a total of 16 local entries.

LowBand= <i>[no, yes]</i> or <i>[0, 1]</i>	Yes/no choice to enable optimization for low speed connections, such as reducing audio quality and/or decreasing protocol-specific cache size. Default = no (disabled).																		
NoReducer= <i>{no, yes}</i>	Set to yes to turn off compression.																		
Password= <i>[password, \$SN, \$MAC, \$IP, \$UN, \$PW, \$TN, \$DN]</i>	<p>Password to log in to the application server. Either a conventional password may be used or a variable may be used. Up to 19 characters are allowed for this entry.</p> <table border="0"> <thead> <tr> <th><u>Parameter</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td>password</td> <td>Conventional log in password</td> </tr> <tr> <td>\$SN</td> <td>serial number used</td> </tr> <tr> <td>\$MAC</td> <td>MAC address used</td> </tr> <tr> <td>\$IP</td> <td>IP Address used</td> </tr> <tr> <td>\$UN</td> <td>sign on name used</td> </tr> <tr> <td>\$PW</td> <td>sign on password used</td> </tr> <tr> <td>\$TN</td> <td>Terminal name</td> </tr> <tr> <td>\$DN</td> <td>Signon domain name used</td> </tr> </tbody> </table> <p>CAUTION The application server password is not encrypted; it is strongly recommended not to specify it. The user will be prompted to enter the password when the connection is made. This application server password directive never starts a line so it can be distinguished from the Thin Appliance user sign-on password, which starts a line.</p> <p>Note: The PASSWORD parameter is basically not written into username.ini by a user. When the New Password checkbox is checked, the changed new password will be written into the username.ini with encryption by the system. Then this password is checked against the signon password with encryption and decides if signon is successful or not.</p>	<u>Parameter</u>	<u>Value</u>	password	Conventional log in password	\$SN	serial number used	\$MAC	MAC address used	\$IP	IP Address used	\$UN	sign on name used	\$PW	sign on password used	\$TN	Terminal name	\$DN	Signon domain name used
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Resolution=[default, Seamless, 640x480, 800x600, 1024x768, 1280x1024, 1600x1200]	Connection display resolution. The default setting "Default" starts the connection using the current desktop display setting with no window frame and boarder. If the connection is to a published application, then the "Seamless" selection is available. For Seamless connections (applicable to ICA only), the Metaframe hosts pick the connection window size best fit for the applications. For hardware with 8.2.2 processor and CX5530A display companion chip, the 1280x1024 selection is available. For callisto platform, the 1600x1200 selection is available.																		
UnmapPrinters={no, yes}	For ICA and RDP, specifies if auto connect to local printers when connection starts up. The default is yes.																		
UnmapSerials={no, yes}	For ICA and RDP, specifies if auto connect to local serials when connection starts up. The default is yes.																		
Username=[username, \$SN, \$MAC, \$IP, \$UN, \$PW, \$TN, \$DN]	<p>Name to log in to the application server. Either a conventional log in name may be used or a variable may be used. Up to 31 characters are allowed for this entry. The combinations of all the variables such as "\$IP@\$DN" are also supported.</p> <table data-bbox="706 892 1432 1169"> <thead> <tr> <th><u>Parameter</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td>username</td> <td>Conventional log in name</td> </tr> <tr> <td>\$SN</td> <td>serial number used</td> </tr> <tr> <td>\$MAC</td> <td>MAC address used</td> </tr> <tr> <td>\$IP</td> <td>IP Address used</td> </tr> <tr> <td>\$UN</td> <td>sign on name used</td> </tr> <tr> <td>\$PW</td> <td>sign on password used</td> </tr> <tr> <td>\$TN</td> <td>Terminal name</td> </tr> <tr> <td>\$DN</td> <td>Signon domin name used</td> </tr> </tbody> </table>	<u>Parameter</u>	<u>Value</u>	username	Conventional log in name	\$SN	serial number used	\$MAC	MAC address used	\$IP	IP Address used	\$UN	sign on name used	\$PW	sign on password used	\$TN	Terminal name	\$DN	Signon domin name used
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