



Pulse Secure

PCS Premier Java RDP Applet Configuration Options

Applicable for

Pulse Connect Secure

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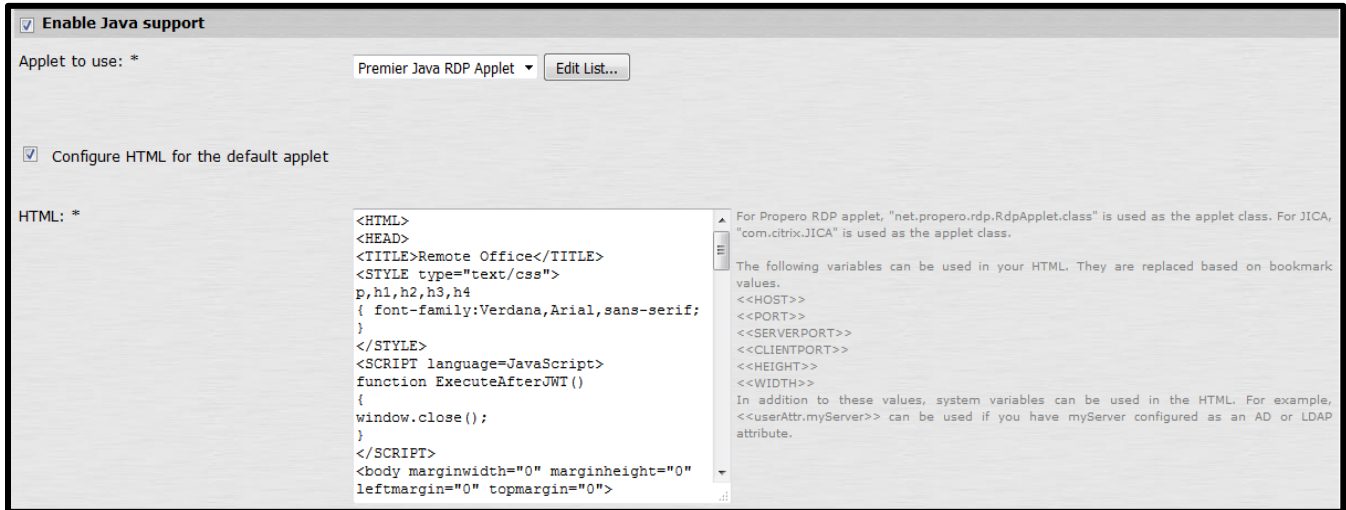
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Premier Java RDP Applet Configuration Options

While the Premier Java RDP Applet feature contains the most basic and common options within the admin UI, there are times where additional customization is required in order to meet specific customer needs. To accommodate these advanced settings, administrators can make customized changes through the use of the options contained within this document.

Configuration Options:

Resource Profiles > Terminal Services > [Windows Terminal Services] > Configure HTML for the default applet



Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
ALLOWBACKGRO UND	Allow the user to change the Wallpaper in PREMIER JAVA RDP APPLLET session.	Yes - Enables Wallpaper in RDP. No - Disables Wallpaper to reduce the bandwidth.	yes		Display
ALLOWCLOSEWIN	Controls if closing of session window is allowed.	Yes - Allows the user to disconnect the session. No - Prevents the user to disconnect the session to force a session logoff.	yes		Control
ALLOWFONTSM OOTHING	Allow the user to use font smoothing in PREMIER JAVA RDP APPLLET	Yes - Enables font smoothing in RDP. No - Disables font smoothing to reduce the bandwidth.	no		Display
ALLOWMENUANI M	Allow the user to change menu animation in PREMIER JAVA RDP APPLLET session.	Yes - Enables menu animation in RDP. No - Disables menu animation to reduce the bandwidth.	yes		Display

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
ALLOWSHOWCONTENT	Allow the user to change windows to "show content while dragging" in PREMIER JAVA RDP APPLET session.	Yes - Enables this window dragging option in RDP. No - Disables this option to reduce the bandwidth.	yes		Display
ALLOWTHEMES	Allow the user to change themes in PREMIER JAVA RDP APPLET session.	Yes - Enables themes in RDP. No - Disables themes to reduce the bandwidth.	yes		Display
APPNAME	Path of application to start instead of Desktop (Application Serving).			STARTUPMODE = app	Connection
AUDIODEVIN	Specified the audio input system (recording).	rdpsound - Use standard RDP audio. hobaudio - Use HOB audio. No - Disable audio.	no		Resources
AUDIODEVOUT	Specified the audio output system (playback).	rdpsound - Use standard RDP audio. hobaudio - Use HOB audio. No - Disable audio.	no		Resources
AUTOCON	Allows to choose the WTS at runtime in a GUI.	Yes - Connects to server immediately. No - Shows a GUI to choose the server address.	no	CONNTYPE = direct	Connection
AUTOLDM	Automatically maps local drives.	Yes - Maps all drives with the redirector specified in LDMREDIRECTOR. ms - Maps all drives via Standard Local Drive Mapping. hob - Maps all drives via HOB Enhanced Local Drive Mapping. No - Maps no drives.	no		
AUTOLOGON	Login automatically to the WTS.	Yes - Enabled automatic login. No - Disables automatic login.	no	USERID and PASSWORD	Logon
AUTOMAPPRT	Map printers automatically.	All - Include all local printers. Default - Include local default printer. No - Use configured printers only.	all	Windows OS only with native extension (JNI).	Resources
BROADCAST	Type of broadcast (Load Balancing).	Yes - Use broadcast. No - Use server list.	yes	CONNTYPE = loadbalancing / wsplb / wssocks	Connection

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
CERTFILE	Controls if the TS license is saved in the local registry.	Yes - Saves an incoming TS license in the registry. No - Never save such licenses.	yes		Logon
CLIPBOARD	Enables clipboard support.	0 - Disabled 1 - Text only 2 - Full support (Windows only).	1	Full support on Windows OS only with native extension (JNI).	Resources
COLORDEPTH	Color depth of RDP session in bits per pixel.	0 - Automatic detection (uses the local depth). 8 - Mode with 256 colors. 15 - Mode with 32768 colors. 16 - Mode with 65536 colors. 24 - Mode with 16777216 colors. 32 - Mode with 16777216 colors (including alpha).	0		Display
COMPRESSION	Use Microsoft Point-To-Point-Compression Protocol (MPPC) for data exchange.	Yes - Enables data compression. No - Disables data compression.	yes		Connection
COMPUTERNAME	Overrides the local computer name (used for TS licensing).				Logon
CONNBAR	Display connection bar in full screen mode.	Yes - Displays the connection bar. No - Does not display the connection bar.	no	WINDOW = frame / applet	Display
CONNTYPE	Type of connection.	Direct - Use a direct connection to the WTS. loadbalancing - Use HOB Load Balancing to choose a WTS. wspdirect - Establishes a WSP direct connection. wsp1b - WSP connection with HOB Load Balancing. wspsocks - WSP connection with WSP- SOCKS authentication protocol.	direct		Connection
CONSOLESESSION	Connect to the console session of the WTS.	Yes - Connects to the console session. No - Does not request a specific session.	no		Connection
DEBUGHOB AUDIO	Enables debugging for HOB audio.	Yes - Enables debugging options. No - Disables debugging options.	no		Logging

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
DEBUGKEYBOARD	Enables keyboard debugging.	Yes - Enables debugging options. No - Disables debugging options.	no		Logging
DEFAULTPRINTER	Name of printer that shall become default in WTS session. It can either be the name of a pre- configured printer or a system printer.			For system printer - AUTOMAPPRT = all / default	Resources
DEVICELIST	A definition of redirected devices (printers, drives and ports).	Syntax: DEVTYPE = "[prt]" "[com]" "[lpr]" "[pcl]" "[ipp]" "[drv]" "[par]" DEVPARAM = KEY=VALUE DEVPARAMLIST = [DEVPARAM[,DEVPARAMLIST]] DEVICELIST = DEVTYPE[DEVPARAMLIST][DEVICELIST] Example: "[drv]localpath=C:[pcl]name=SamplePrinter, driver="HP DeskJet 1120C", printer=default"			Resources
DIRECTKEYMAPPING	Enables non- client keyboard mode.	Yes - Sends keys directly to WTS and ignores the local keyboard layout. No - Translates keys from the local keyboard layout to the server layout.	no		Keyboard & Mouse
DISCONNECTTIMEOUT	Specifies the maximum time used to wait for a disconnect response from the WTS.	0 - Infinite timeout. [1 ... MAXINT] - An integer that specifies the timeout in seconds.	10		Connection
DISPLAYEDNAME	String that contains the displayed configuration name.				Display
DISPLAYIP	Display WTS name or address in title bar of session window.	Yes - Displays the IP address. No - Hides the IP address.	yes		Display
DISPLAYNAME	Specifies a name which is displayed instead of an IP address.				Display
DOMAIN	Domain for user on WTS.				Logon

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
DOTRACE	Creates an encrypted trace file with all connection data.	Yes - Writes a trace file to "\$USERHOME\$/hob/Premier Java RDP Applet/Premier Java RDP Applet_\$PROFILE\$.log.hcry pt". No - Disables tracing.	no		Logging
DRAGANDDROP	Controls if drag & drop is enabled.	Yes - Enables drag & drop between TrueWindows and local applications. No - Disables drag & drop.	yes	STARTUPMODE = seamless This feature is under development	Keyboard & Mouse
ENABLEKEYPAD	Controls if keypad can be launched via CTRL+ALT+K (or a self- defined hotkey).	Yes - Allows the user to open the keypad. No - Prevents that the user opens the keypad.	no		Keyboard & Mouse
GATEPORT	The port used for UDP load balancing if broadcast is used.	[0 ... 65535] - An integer that specifies the IP port.	4095		Connection
GEOMX	X position of session window (can also be negative).			WINDOW = frame	Display
GEOMY	Y position of session window (can also be negative).			WINDOW = frame	Display
HARDDISKCACHE SIZE	Size of the persistent bitmap cache.	[0 ... MAXINT] - An integer that specifies the maximum size in KBytes.	0		Optimization
HOBPPMCOMPRESSION	Enables compression for the HOB Printer Port Mapping.	Yes - Enables ZLIB compression. No - Disables compression.	yes		Optimization
HOMEDIR	Name of home directory (which is the default path for SSL files, traces, DLLs,.).				Control
IPADDRESS	Name or IP address of Windows Terminal Server.			CONNTYPE = direct	Connection
IPPORT	IP port of the Windows Terminal Server.	[0 ... 65535] - An integer that specifies the IP port.	3389	CONNTYPE = direct	Connection

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
KEEPALIVEINTE RVAL	Specifies an interval used to keep the connection alive. PREMIER JAVA RDP APPLET sends keep- alive packets from client to server to avoid that network devices cut devices because of inactivity.	0 - Disables this option. [1 ... MAXINT] - An integer that specifies the interval in seconds.	0		Connection
KEYBOARDLAYOU T	Name of requested keyboard layout.	default, arabicegypt, bulgarian, canadian, chinese, croatian, czech, danish, dutch, australian, uk, us, finnish, flemish, french, belgian, frenchcanadian, frenchcanadianstandard, swissfrench, german, swissgerman, greek, hebrew, hungarian, icelandic, italian, japanese, japanese_ime, korean, norwegian, polish, polish214, portuguese, brazil, romanian, russian, slovak, slovenian, spanish, spanishlatin, swedish, thai, turkishf, turkishq, ukrainian	default		Keyboard & Mouse
KEYCOMBINATIO NS	Comma separated values for hotkeys.	Syntax: HOTKEY = MODIFIERS,VIRTUALKEY KEYCOMBINATIONS = [HOTKEY[,KEYCOMBINATIONS]]			Keyboard & Mouse
LBQUERYUSER	Controls if the user is asked for its credentials for load balancing in the case that no user name is configured.	Yes - Ask the user for it's credentials. No - Do not ask the user.	yes	CONNTYPE = loadbalancing	Logon
LBSELECTION	Server selection procedure for Load Balancing.	show - Select from all responding servers. reconnect - Connect to Server with least load.	reconnect	CONNTYPE = loadbalancing / wspb / wpssocks	Connection
LDMREDIRECTOR	Specifies the default redirector for local drive mapping.	hob - HOB Enhanced Local Drive Mapping. ms - Standard Local Drive Mapping.	ms		Resources

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
LDMSTRICTCASESENSITIVITY	Use strict case-sensitivity on case-sensitive file systems in Local Drive Mapping	Yes - Enables strict case- sensitivity (some server applications may have problems). No - Use an eased case- sensitivity.	no	Unix based OS only (includes Mac OS).	Resources
LOCKMODE	Workaround for keyboard problems with locking keys (Caps-, Scroll- and NumLock) with some Java VMs.	yes - Enables workaround correct wrong key events. no - Disables workaround.	no		Keyboard & Mouse
MACCONTROLKEYMAPPING	Mapping of the Mac OS specific ControlKey.	ctrl - Map this key to Control (left and right). winkey - Map this key to Windows keys (left and right). auto - Maps to Control if a One-Button-Mouse is used otherwise the Windows key is used.	auto	Mac OS only.	Keyboard & Mouse
MACMENUBARMODE	Controls the menubar behavior on Mac OS X in a fullscreen session.	below - Places the fullscreen window below the menubar. hidden - Hides the menubar. auto - Hides and shows the menubar automatically.	hidden	WINDOW = fullscreen Mac OS only with native extension (JNI).	Display
MACONEBUTTONMOUSE	Enable right mouse button emulation on Mac. A combination of a control key and mouse click can be used to emulate a right mouse button.	yes - Enables this option. no - Disables this option.	yes - If the current mouse is a single button mouse. no - otherwise	Mac OS only.	Keyboard & Mouse
MEASURETRAFFIC	Specifies whether to write a CSV file with information about sent and received bytes.	yes - Writes a file containing statistical information to "\$USERHOME\$/hob/Premier Java RDP Applet/Premier Java RDP Applet_\$PROFILE\$.csv". no - Does nothing.	no		Logging
MEASURETRAFFICTIME	Specifies an interval in seconds to create a further entry in the CSV file.	[1 ... MAXINT] - An integer that specifies the interval in seconds.	60	MEASURETRAFFIC = yes	Logging
MEMORYCACHE SIZE	Specifies the size of the RDP bitmap cache.	0 - Use default settings [1 ... MAXINT] - An integer that specifies the size in KBytes.	8000		Optimization
MOUSEMOVES	Send mouse motion events to the WTS.	yes - Sends all mouse events to the server. no - Sends only mouse click events to the server.	yes		Optimization

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
NOSHAREDEVIATION	The threshold that specifies when to use session sharing or when to start new true windows session.	[0 ... 100] - An integer that specifies a threshold in percent.	0	CONNTYPE = loadbalancing / wspbl / wpssocks	Optimization
NOWARNING	Suppress warning messages like "certificate file cannot be written".	yes - Suppresses warning messages. no - Suppresses no warning messages.	no		Display
PASSWORD	Password on WTS.				Logon
PROXYLIST	List of SOCKS or HTTP Proxies. A comma separated list of servers.	Syntax: SERVER = IP[:PORT] PROXYLIST = [SERVER[,PROXYLIST]] Example: "httpproxy1.hob.de:8080, httpproxy2.hob.de:8080"	PORT=1080 - If PROXYMODE = socks / socks4 PORT=8080 - If PROXYMODE = http	PROXYMODE = socks / socks4 / http	Connection
PROXYMODE	Determines the Proxy mode.	auto - Automatic detection. no - Disable proxies. socks - Use SOCKS proxy protocol. socks4 - Use SOCKS V4 proxy protocol. http - Use HTTP proxy protocol.	no		Connection
PROXYPASSWORD	Password for the proxy authentication.			PROXYMODE	Connection
PROXYUSER	User id for the proxy authentication			PROXYMODE	Connection
PRTREDIRECTOR	Specifies the default redirector for printer port mapping.	hob - HOB Printer Port Mapping. ms - Standard Printer Port Mapping.	ms		Resources
PUBAPPNAME	Name of published application to connect to (Published Application / True Windows).			STARTUPMODE= pubapp / seamless	Connection
QUEUE_EVENTS	Queue mouse and keyboard events rather than sending each in a separate block.	Yes - Collects up to 10 input events within a time window of 50 milliseconds. No - Disables event queue.	no		Optimization

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
RDPNETWORKCONNTYPE	Specifies the type of network connection used by the client.	0 - unspecified 1 - modem 2 - broadband low 3 - satellite 4 - broadband high 5 - WAN 6 - LAN	0		Optimization
RDPOPTIONS	Enables the UI panel to change RDP specific options.	yes - Allows the user to change some RDP options. no - Disables this UI.	yes - if CONNTYPE = direct and AUTOCON = no. no - Otherwise.		Control
RDP SOUNDCHANNEL	Specifies if audio data are sent with UDP or as virtual channel over normal RDP connection.	udp - Use UDP to transport the audio data. vc - Use a channel within the RDP connection to transport the audio data.	udp	AUDIODEVOUT = rdpsound	Resources
RDP USE MONITOR LAYOUT	Enables support which advertises local monitor layout to the WTS.	yes - Use TrueWindows Pure Java instead of a native extension. no - Use the native extension if available.	no		Display
REFRESHRATE	Specifies the time in which at least one paint will be made.	[0 ... 10000] - An integer that specifies the time in milliseconds.	150		Optimization
SCREEN	The screen where PREMIER JAVA RDP APPLET window is displayed.	0 - Displays session on both screens. 1 - Displays session on main screen. 2 - Displays session on second screen.	1		Display
SCREENRATIOX	Horizontal ratio of screen to be used for session.	[10 ... 400] - An integer that specifies the ratio in percent.		WINDOW = frame	Display
SCREENRATIOY	Vertical ratio of screen to be used for session.	[10 ... 400] - An integer that specifies the ratio in percent.		WINDOW = frame	Display
SERVERCERTIFICATES	Indicates if the SSL files shall be downloaded from web server.	yes - Loads SSL files from server from location "\$CODEBASE\$/SSLFILE\$. [cfg cdb pwd]". no - Loads SSL files from local system from location "\$SSLDIR\$/SSLFILE\$. [cfg cdb pwd]".	yes	Web mode of PREMIER JAVA RDP APPLET only (Applet).	Security

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
SERVERLIST	List of servers used for server list (Load Balancing). A comma separated list of servers.	Syntax: SERVER = IP[:PORT] SERVERLIST = [SERVER[,SERVERLIST]] Example: "wts1.hob.de:4095, wts2.hob.de:4095"		CONNTYPE = loadbalancing / wspb / wpssocks BROADCAST = no	Connection
SESSIONHEIGHT	Height of RDP session.	[200 ... 32767] - An integer that specifies the height in pixels.	600		Display
SESSIONWIDTH	Width of RDP session.	[300 ... 32767] - An integer that specifies the width in pixels.	800		Display
SHOWDISCREAS ON	Specifies if disconnect reason message shall be displayed (e.g. PowerFuse, disconnects immediately and logs off in background).	Yes - Displays all disconnect reasons. No - Hides disconnect reasons.	yes		Display
SINGLESIGNON	Use HOB Single-sign- on.	yes - Uses Single-sign-on credentials. no - Uses credentials of the profile.	no		Logon
SMARTCARD	Enables the Smartcard redirection.	yes - Enables access to local Smartcards. no - Disables access to local Smartcards.	no	Windows OS only with native extension (JNI).	Resources
STARTUPMODE	Specifies the startup mode.	desktop - Shows the entire remote desktop. pubapp - Starts a published application in a single session window. app - Starts an application in a single session window. seamless - Embeds a published application in the local window management.	desktop		Connection
SWAPMOUSEBUT TONS	Swap left and right mouse button (makes sense if you have left-handed profile both on local OS and WTS).	yes - Swaps left and right mouse button. no - Does not change the mouse buttons.	no		Keyboard & Mouse
TIMEOUT	Time to wait for answer from WTS during building-up the connection.	0 - An infinite timeout. [1 ... MAXINT] - An integer that specifies a timeout in milliseconds.	90000		Connection

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
TIMEZONEOFFSET	Specifies the raw offset from GMT in minutes. The offset is automatically detected if not specified.	[-720 ... +720] - An integer that specifies the raw offset from GMT in minutes.			Logon
TRACELEVEL	Trace level used in debug versions and for audio.	[0 ... 10] - A higher value increases the traced amount of data.	0		Logging
TRYOUTINFO	Indicates whether to show the tryout box within the tryout period.	yes - Shows the tryout info box. no - Hides the tryout info box.	yes		Display
TWAIN	Enables the TWAIN redirection to support Scanners.	yes - Enables TWAIN. no - Disables TWAIN.	no	Windows OS only with native extension (JNI). HOB Enhanced Terminal Services on WTS	Resources
TWAUTOMAPDRIVE	Specifies if the dynamic mapping of a local drive (in a running session) is allowed.	never - Never allow to map a dynamic drive. ask - Ask the user to map a dynamic drive. always - Map all dynamic drives without prompting.	never - if AUTOLDM = no ask - if AUTOLDM = yes		Resources
TWPUREJAVA	Controls TrueWindows PureJava also if native support is available.	yes - Use TrueWindows Pure Java instead of a native extension. no - Use the native extension if available.	no	STARTUPMODE = seamless	Display
TWSINGLESERVERCONF	Name of the Load Balancing configuration for TrueWindows Single Server. This is the configuration name in the registry on the server.		"default"	STARTUPMODE = seamless	Connection
USERID	User name on WTS.				Logon

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
VCFILENAMES	A comma-separated list of DLL's and Java Classes supporting either the MS Virtual Channel interface or the HOB Java Virtual Channel interface.	Syntax: FILENAME = DLLFILE CLASSFILE VCFILENAMES = [FILENAME[,VCFILENAMES]] Example: C:\Virtual Channels\vc.dll, com.company.product.vc.V C.class		Local installations of PREMIER JAVA RDP APPLET only. MS Virtual Channels on Windows OS only with native extension (JNI). Java Virtual Channels must be accessible by class path.	Resources
VCFREELIBRARY	Specifies whether a virtual channel library should be unloaded after session disconnect (some third- party channels are not designed to be unloaded).	yes - Unloads the channel from the PREMIER JAVA RDP APPLET process. no - Does not unload the library.	yes	Native MS Virtual Channel support.	Optimization
VCOPT	A parameter that is used as a prefix for a virtual channel option.	Syntax: VCOPT.<channel>.<option>=<value>			Resources
VCREADREG	Tells if registry should be read to retrieve virtual channels.	yes - Loads MS Virtual Channels registered in the Windows registry. no - Does not load such channels.	no	Windows OS only with native extension (JNI).	Resources
VCSENDPRIORITY	Specifies the thread priority of the thread used in a virtual channel extension to send data to the WTS.	0 - System default 1 - Lowest 2 - Below normal 3 - Normal 4 - Above normal 5 - Highest	0	Native MS Virtual Channel support.	Optimization

Name	Description	Values/Syntax	Default Value	Requirements/ Limitations	Category
VCWEBLIBS	A comma- separated list of virtual channel key names for the WEB mode.	Syntax: VCWEBLIBS = [KEYNAME[,VCWEBLIBS]] Example: hob.hlrc.vc.speechmike		Web mode of PREMIER JAVA RDP APPLET only. MS Virtual Channels on Windows OS only with native extension (JNI). Java Virtual Channels must be accessible by class path.	Resources
WINDOW	Type of session window.	frame - Displays the session top-level window with a title and a border. fullscreen - Displays the session in a fullscreen window. maximized - Displays the session in maximized top- level window with a title and a border. applet - Displays the session in the WEB page of the browser that contains the applet. (deprecated) seamless - Use STARTUPMODE=seamless instead.	frame	STARTUPMODE = desktop / app / pubapp or TWPUREJAVA = yes	Display
WORKINGDIR	Working directory for application used in Application Serving.			STARTUPMODE = app	Connection