

# 6.2.1 – RDP parameters

Parameter	Value
gateway	BindString, address and listening port of the gateway. For example: 192.168.0.8:443
server	String, address of the RDP host.
port	Integer, RDP listening port. Optional, default is 3389
user	String, user name (Windows User).
pwd	String, password for user name.
domain	String, domain name
keyboard	Integer, keyboard layout, default is 0x409 (US)
useConsole	Boolean, connecting to console session/Admin mode. Default is false.
legacyMode	Boolean, connecting to xrdp or VirtualBox RDP
width	Integer, screen width of RDP session. Default is 800
height	Integer, screen height of RDP session. Default is 600
server_bpp	Integer, color depth of RDP session. Default is 16
playSound	Integer, Default is 1: Do not play sound; 0: bring sound to local; 2: leave sound on remote computer.
startProgram	String, "shell": start a program on connection; "app": start a RemoteApp
command	Command for "Start a program on connection (startProgram=shell)"
directory	Directory for running command (startProgram=shell)
exe	Program or file for RemoteApp (startProgram=app)
args	Arguments for RemoteApp (startProgram=app)
background	Boolean, default is false, disable background.
smoothfont	Boolean, default is false, disable font smoothing.
contents	Boolean, default is false, disable full windows drag.
animation	Boolean, default is false, disable menu animations.
composition	Boolean, default is false, disable desktop composition.
styles	Boolean, default is false, disable theming.
mapClipboard	Boolean, default is false, disable clipboard redirection.

Parameter	Value
mapPrinter	Boolean, default is false, disable printer redirection.
mapDisk	Boolean, default is false, disable disk redirection.
touchpad	Boolean, default is false, touchpad mode (relative mouse movement, touch interface only).
waWidth	Work area width for RemoteApp, Default value is the screen width. You may want to change it if you display app in a iframe.
waHeight	Work area height for RemoteApp. Default value is the screen height. You may want to change it if you display app in a iframe.
printer	Printer name. You can specify multiple printer names by using ";" as separator, e.g. "Printer1;Printer2". The first one will always be the default printer.
useSSL	Use WSS (WebSocket secure connection), only used by Rdp2 class.
timezone	The client time zone name. Please check the values you can use in rdp.html
loadBalanceInfo	Load balance information
vmid	Hyper-V VM GUID, For example: B3D5444C-2611-405A-9CA0-7AA8DA94DF0B, it's for Hyper-V console connection.
minWidth	Minimum width, some applications can only work on a minimum resolution
minHeight	Minimum height, some applications can only work on a minimum resolution
connectType	<p>Connecting type:</p> <p><b>CONNECTION_TYPE_MODEM 1</b> Modem (56 Kbps)</p> <p><b>CONNECTION_TYPE_BROADBAND_LOW 2</b> Low-speed broadband (256 Kbps - 2 Mbps)</p> <p><b>CONNECTION_TYPE_SATELLITE 3</b> Satellite (2 Mbps - 16 Mbps with high latency)</p> <p><b>CONNECTION_TYPE_BROADBAND_HIGH 4</b> High-speed broadband (2 Mbps - 10 Mbps)</p> <p><b>CONNECTION_TYPE_WAN 5</b> WAN (10 Mbps or higher with high latency)</p> <p><b>CONNECTION_TYPE_LAN 6</b> LAN (10 Mbps or higher)</p> <p>Default value is 5.</p>

Parameter	Value
shareClipboardId	Connections will same shareClipboardId will use shared clipboard on gateway. User can copy anything among these connections
shareClipboard	on: enabled shared clipboard, it's enabled by default if mapClipboard is on.
symlink	Id of the created symlink.
sessionRecord	0: no session recording, 1: recording grphic only (no sound), 3 means recording graphic and sound. This can only be configured in pluign
__record_name	Recording file name. This can only be configured in pluign before version 4.8.8.
recording	on: record session on client side
audioRecord	on: enable remote audio recording
pingInterval	Seconds for ping
soundPref	0: low quality sound; 1: high quality sound
smartcard	on: enable smart card redirection
passwordIsPin	Use password as the pin of smart card
name	Show the name on the cursor on joined users
mac	Computer MAC address for Wake on LAN. Need to enable it in gateway.conf (timeoutWoL)
macIP	Network broadcast ip address for WoL.
decompressingRDP61	Enable RDP6.1 compression.
portCheckTimes	Gateway will check if the port is open before connecting
portCheckInterval	Interval of checking open port in ms.
copyToLocal	on: user can copy data to local from remote. It can be used to disable bi-directional copy/paste
copyToRemote	on: user can copy data to remote from local. It can be used to disable bi-directional copy/paste
copyTextOnly	on: user can only copy plain text.
textPrinter	on: redirect a text only printer (for receipts, label printers)
mapCamera	Boolean, default is false, enable webcam redirection. Enable it in RDP server with Group Policy: Computer Configuration > Administrative Templates > Windows Components > Remote Desktop Services > Remote Desktop Session Host > Device and Resource Redirection > Do not allow supported Plug and Play device redirection: Disabled
scanner	Boolean, default is false, enable scanner redirection.

---

Revision #5

Created 5 April 2022 15:23:53 by Julian

Updated 14 March 2023 14:07:55 by Julian