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UltraVNC Viewer Commandline Parameters

-help, -? or -h

Print a help message.

-listen [port]

Start the UltraVNC Viewer in listen mode. If port is specified, the viewer listens on that port instead of 5900 default port.

example UltraVNC Viewer listen non standard port 80

vncviewer.exe -listen 80

-dsmplugin filename.dsm

example1: vncviewer.exe host -dsmplugin msrc

example2: vncviewer.exe host -dsmplugin secu

-proxy host:port

the proxy is not your office proxy, is ultravnc re

the proxy/repeater mode I (distributor) repeat

"%:\programfiles%\UltraVNC\vncviewer.exe" -p

"%programfiles%\UltraVNC\vncviewer.exe" -pr

proxy/repeater mode II (with ID number)

"%:\programfiles%\UltraVNC\vncviewer.exe" -p

"%programfiles%\UltraVNC\vncviewer.exe" -pr

-autoacceptincoming

Auto Accept Incoming connection (no SC serve

-autoacceptnodsm

server connection set without encryption, there

dsmplugin

-autoreconnect [DelayInSeconds]

-autoreconnect (default value 3 seconds)

example: autoreconnect after 15 seconds

vncviewer.exe -autoreconnect 15 -connect hostname

commandline autoreconnect

default=3

value is number of seconds between reconnects This allow to set a bigger timeout between reconnect intervals this

function is blocked by repeater for viewer."

%programfiles%\ultravnc\vncviewer.exe" -autoreconnect 30 -connect hostname::5900 -quickoption 3 -dsmplugin

SecureVNCPlugin.dsm

-reconnect x (warning) not yet available by command line) only gui

This is the number of times a reconnect is made before the viewer

close the connection.

-disablesponsor

remove the sponsor of UltraVNC Viewer message error

-fttimeout sec

Filetransfer timeout sec [1-60]

-keepalive sec

Interval to send a keepalive message

-askexit

Open a dialogbox on exit " do you realy want to quit"

-restricted

remove options from system menu (Filetransfer, chat ....)

-viewonly

Do not send local keyboard or mouse events to the remote computer.

-nostatus

Don't show the status window while connecting.

-nohotkeys

Do not enable hot keys (like CTRL+ALT+F9 for full screen mode etc.). Can be useful in case of conflict with other

installed software hotkeys.

-notoolbar

Do not display the toolbar.

-autoscaling

Automatically scale the viewer window so that the remote screen fits at best your local screen size.

-fullscreen

Display viewer in full screen mode.

-noauto

Disable auto mode. Required for using the color options below or saving a custom configuration (otherwise the

settings from quick options always override).

-8bit, -256colors, -64colors, -8colors, -8greycolors, -4greycolors, -2greycolors

Set the color depth. Fewer colors can significantly reduce the required bandwidth.

Note: Grey colors only work with 32 bits color

grey colors.

-shared

Share the server with other viewers, i.e. allow s

-swapmouse

Swap left and right button of the mouse.

-nocursor

Do not display any local dot mouse cursor.

-dotcursor

Display the local dot mouse cursor.

-normalcursor

Display the normal local mouse cursor.

-belldeiconify

not used

-emulate3

Emulate a 3-button mouse.

-noemulate3

Do not emulate a 3-button mouse.

-nocursorshape

don't change cursor chapes

-noremotecursor

"." is used as remote cursor

-scale A/B

Scale the display by the factor A/B.

-emulate3timeout Timeout

emulate 3 button mouse with 2 buttons

-emulate3fuzz Emul3Fuzz

emulate 3 button mouse with 2 buttons

-disableclipboard

Do not transfer clipboard content.

-delay delay

debug option

-loglevel loglevel

Set the loglevel. This can range from 0 (minimal) to 10 (maximum logging).

-console

Open a console window for log output.

-logfile filename

Log to the file specified by filename.

-config filename

Read the configuration from filename.

-register

Record the path to the VNC viewer and the type of the .vnc files in the registry

-encoding encoding

Encoding is either raw, rre, corre, hextile, zlib, zlibhex, tight or ultra. Encodings are described here.

-compresslevel level

Use specified compression level (0..9) for "tight" and "zlib" encodings (Tight encoding specific). Level 1 uses minimum of CPU time and achieves weak compression ratios, while level 9 offers best compression but is slow in terms of CPU time consumption on the server side. Use high levels with very slow network connections, and low levels when working over high-speed LANs. It's not recommended to use compression level 0, reasonable choices start from the level 1.

-quality quality

Use the specified JPEG quality (0..9) for the "tight" encoding (Tight encoding specific). Quality level 0 denotes bad image quality but very impressive compression ratios, while level 9 offers very good image quality at lower compression ratios. Note that the "tight" encoder uses JPEG to encode only those screen areas that look suitable for lossy compression, so quality level 0 does not always mean unacceptable image quality.

-user msuser

ms logon (NTLM1) username set at server (not viewer side)

-password password

Use the specified password for "classic" VNC authentication.

-serverscale scale

Scale the display on the server side by 1/scale. For instance scale = 2 means that the remote screen dimensions are reduced by 2 ("half screen size"), reducing at the same time the amount of graphical data received by a factor 4 (2^2).

-quickoption n

Select a quickoption. Modem option is default

1 = AUTO (auto select best settings, this never

2 = LAN (> 1Mbit/s) Max Colors

3 = MEDIUM (> 128Kbit/s)- 256 Colors

4 = MODEM (19K - 128Kbit/s) - 64 Colors

5 = SLOW (< 19Kbit/s) 8 Colors

6 = (custom ?) N/A (not available and fail)

7 = ULTRA (> 2Mbit/s) - Experimental (still exp

-position x y w h

REMARK

Commandline options are Merged with the de

Sample:

if you save viewonly as default -> a viewer star

uvnc.com asks for your consent to use your personal data to:

Personalised advertising and content, advertising and content measurement, audience research and services development

Store and/or access information on a device

Your personal data will be processed and information from your device (cookies, unique identifiers, and other device data) may be stored by, accessed by and shared with 134 TCF vendor(s) and 63 ad partner(s), or used specifically by this site or app.

Some vendors may process your personal data on the basis of legitimate interest, which you can object to by managing your options below. Look for a link at the bottom of this page to manage or withdraw consent in privacy and cookie settings.