

UltraVNC Viewer 命令行参数

-help, -? or -h

- [显示一个帮助消息](#)
Print a help message.

vncviewer.exe ip:port -password <password>

- 带密码且无其他参数的最简单连接
Simplest connection with password and no other parameters
- 举个例子:
For example:
 - `"%:\programfiles%\UltraVNC\vncviewer.exe" 10.0.0.1:1234-password 123456`

-listen [port]

- 开始 VNCviewer 侦听模式。如果端口被指定，viewer 将侦听指定端口，而不是默认的 5900 口
Start the VNCviewer in listen mode. If port is specified, the viewer listens on that port instead of 5900 default port.
- 举个例子，vncviewer 工作在标准的 80 口侦听模式下
example vncviewer listen non standard port 80
 - `vncviewer.exe -listen 80`

-dsmplugin filename.dsm

- 例子 1: `vncviewer.exe host -dsmplugin msrsc4plugin.dsm`
- 例子 2: `vncviewer.exe host -dsmplugin securevncplugin.dsm`

-proxy host:port

- 这里的代理不是指办公用的代理，而是指 ultravnc repeater 的代理服务器。
the proxy is not your office proxy, is ultravnc repeater proxy.
- Proxy/Repeater(代理/中继器)模式 1 中的（分配器）中继器必须在您的局域网上
the proxy/repeater mode I (distributor) repeater must be on your lan

例子:

- `"%:\programfiles%\UltraVNC\vncviewer.exe" -proxy host:5901 -connect hostname`
- `"%programfiles%\UltraVNC\vncviewer.exe" -proxy distributor:5901 -connect host -dsmplugin filename.dsm`
- Proxy/Repeater（代理/中继器）模式 2（使用 ID 号码）
proxy/repeater mode II (with ID number)

例子:

- "%:\programfiles%\UltraVNC\vncviewer.exe" -proxy host:5901 ID:1234
- "%programfiles%\UltraVNC\vncviewer.exe" -proxy host:5901 ID:1234 -dsmplugin filename.dsm"

-autoacceptincoming

- 自动接受传入连接（无 SC 服务器信息）
Auto Accept Incoming connection (no SC server info)

-autoacceptnodsm

server connection set without encryption, there no message is NOT encrypted while vncviewer listen with dsmplugin

-autoreconnect [DelayInSeconds]

- autoreconnect (default value 3 seconds)
- 例子：15 秒后尝试重连
example: autoreconnect after 15 seconds
- **vncviewer.exe -autoreconnect 15 -connect hostname**
- 命令行 autoreconnect
commandline autoreconnect
- 默认是 3 秒
default=3
- 值类型是数字，它可以是不同于默认值的值，甚至是更大的秒数。此功能被转发器的查看器阻止。
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 -quikcoption 3 -dsmplugin SecureVNCPlugin.dsm**

-reconnect x

- 警告：命令行尚未提供此参数，仅供 GUI 使用
(warning) not yet available by command line) only gui
- 这是在查看器关闭连接之前进行重新连接的次数。
This is the number of times a reconnect is made before the viewer close the connection.

-disablesponsor

- 移除 vncviewer 发起者的错误消息
remove the sponsor of vncviewer message error

-fttimeout sec

- 文件传输器的超时秒数 [1-60 秒]

Filetransfer timeout sec [1-60]

-keepalive sec

- 发送保持消息的间隔时间
Interval to send a keepalive message

-askexit

- 当点击窗口关闭时出现一个确认窗口
Open a dialogbox on exit " do you really want to quit"

-restricted

- 将系统菜单上的菜单项移除（文件传输，聊天等等....）
remove options from system menu (Filetransfer, chat)

-viewonly

- 不发送键盘或者鼠标控制消息到远程计算机（只读模式）
Do not send local keyboard or mouse events to the remote computer.

-nostatus

- 在连接期间不显示状态窗口
Don't show the status window while connecting.

-nohotkeys

- 不启用热键（比如按 CTRL+ALT+F9 切换到全屏模式等等...）。在与其他已安装的软件热键发生冲突时可能很有用。
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

- 不显示工具栏
Do not display the toolbar.

-autoscaling

- 自动缩放查看器窗口，使远程屏幕最适合您的本地屏幕大小。
Automatically scale the viewer window so that the remote screen fits at best your local screen size.

-fullscreen

- 以全屏模式显示
Display viewer in full screen mode.

-noauto

禁用自动模式。使用下面的颜色选项或保存自定义配置所必需的（否则，快速选项中的设置总是会覆盖）。
Disable auto mode. Required for using the color options below or saving a custom configuration (otherwise the settings from quick options always override).

➤ 子参数（sub Parameters）：

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

- 设置颜色深度。减少颜色可以显著减少所需的带宽。
Set the color depth. Fewer colors can significantly reduce the required bandwidth.
- 注意：灰色仅适用于 32 位的彩色屏幕分辨率。16 位或 24 位的颜色分辨率可能不兼容灰色。
Note: Grey colors only work with 32 bits color screen resolution. 16 or 24 bits color resolutions just don't work with grey colors.

-shared

- 与其他查看器共享服务器，即允许多个查看器同时连接到服务器。
Share the server with other viewers, i.e. allow several viewers to connect simultaneously to the server.

-swapmouse

- 交换鼠标的左右按钮。
Swap left and right button of the mouse.

-nocursor

- 不显示任何本地鼠标光标。
Do not display any local dot mouse cursor.

-dotcursor

- 显示本地点鼠标光标。
Display the local dot mouse cursor.

-normalcursor

- 显示普通的本地鼠标光标。
Display the normal local mouse cursor.

-belldeiconify

- 暂未使用
not used

-emulate3

- 模拟 3 个按钮的鼠标。
Emulate a 3-button mouse.

-noemulate3

- 不要模拟 3 键鼠标。
Do not emulate a 3-button mouse.

-nocursorshape

- 不要改变光标
don't change cursor shapes

-noremotecursor

- 将远程光标显示成一个点
"." is used as remote cursor

-scale A/B

- 按系数 A/B 对显示屏进行缩放。
Scale the display by the factor A/B.

-emulate3timeout Timeout

- 将 3 键鼠标模拟成 2 键鼠标
emulate 3 button mouse with 2 buttons

-emulate3fuzz Emul3Fuzz

- 将 3 键鼠标模拟成 2 键鼠标
emulate 3 button mouse with 2 buttons

-disableclipboard

- 不传输剪贴板内容
Do not transfer clipboard content.

-delay delay

- 调试选项
debug option

-loglevel loglevel

- 设置日志级别。其范围可以从 0（最小）到 10（最大日志记录）。
Set the loglevel. This can range from 0 (minimal) to 10 (maximum logging).

-console

- 打开一个控制台窗口，以进行日志输出。
Open a console window for log output.

-logfile filename

- 记录到由文件名指定的文件中。
Log to the file specified by filename.

-config filename

- 从文件名中读取配置信息。
Read the configuration from filename.

-register

- 在注册表中记录 VNCviewer 的路径和.vnc 文件的类型
Record the path to the VNC viewer and the type of the .vnc files in the registry

-encoding encoding

- 编码可以是 raw、rre、corre、hextile、zlib、zlibhex、tight 或 ultra。此处对编码进行了说明。
Encoding is either raw, rre, corre, hextile, zlib, zlibhex, tight or ultra. Encodings are described here.

-compresslevel level

- 对 "tight" 和 "zlib" 编码使用指定的压缩级别 (0..9) ("tight" 编码专用)。1 级占用最少的 CPU 时间，压缩率较低；9 级压缩率最高，但占用服务器端 CPU 时间较高，压缩最慢。在网络连接速度很慢的情况下使用高级别的压缩，在高速局域网上工作时使用低级别的压缩。不建议使用 0 级压缩，合理的选择是从 1 级开始。
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

- 针对"tight" 编码使用指定的 JPEG 质量 (0..9) ("tight" 编码专用)。质量等级 0 表示图像质量很差，但压缩率很高，而等级 9 则以较低的压缩率提供很好的图像质量。请注意，"tight" 编码器仅使用 JPEG 对适合有损压缩的屏幕区域进行编码，因此质量等级 0 并不总是意味着不可接受的图像质量。
- 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

- 在服务端设置微软系统登录账号 (NTLM1) (而不是在查看器端)
ms logon (NTLM1) username set at server (not viewer side)

-password password

- 使用指定密码进行 "传统" VNC 验证。
Use the specified password for "classic" VNC authentication.

-serverscale scale

- 将服务器端的显示屏缩放 $1/\text{scale}$ 。例如, $\text{scale} = 2$ 表示远程屏幕尺寸缩小 2 ("半个屏幕大小"), 同时接收的图形数据量减少 4 倍 (2^2)。
Scale the display on the server side by $1/\text{scale}$. For instance $\text{scale} = 2$ 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

- 选择快速选项。调制解调器选项为默认选项
Select a quickoption. Modem option is default
1 = AUTO (自动选择最佳设置, 这可能是 "永远" 不会使用的超实验设置)
1 = AUTO (auto select best settings, this never use ultra experimental maybe "forever")

2 = LAN (> 1Mbit/s) 最大颜色数
2 = LAN (> 1Mbit/s) Max Colors

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

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

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

6 = (自定义?) N/A (不可用且失败)
6 = (custom ?) N/A (not available and fail)

7 = ULTRA (> 2Mbit/s) - 试验性 (2 年后仍为试验性)
7 = ULTRA (> 2Mbit/s) - Experimental (still experimental after 2 years)

-position x y w h

备注

REMARK

命令行选项与默认保存设置合并。

Commandline options are Merged with the default saved settings.

例如

Sample:

如果将 "viewonly"保存为默认设置 -> 使用命令行选项启动的查看器将始终为 "仅限查看"。

if you save viewonly as default -> a viewer started with a commandline option will always be "viewonly".

UltraVNC info

Usage includes:

```
vncviewer [/8bit] [/swapmouse] [/shared] [/belldeiconify]

[/listen [portnum]] [/fullscreen] [/viewonly] [/notoolbar]

[/scale a/b] [/config configfile] [server:display]

[/emulate3] [/quickoption n] [/serverscale n]

[/askexit] [/user msuser] [/password clearpassword]

[/nostatus] [/dsmplugin pluginfilename.dsm] [/autoscaling]

[/autoreconnect delayInSeconds]

[/reconnectcounter number_reconnect_attempt]

[/nohotkeys] [/proxy proxyhost [portnum]] [/256colors] [/64colors]

[/8colors] [/8greycolors] [/4greycolors] [/2greycolors]

[/encoding [xz | xzyw | zrle | zywrl | tight | zlib | zlibhex | ultra | ultra2 | corre | rre | raw]

[/encodings xz zrle ...] (in order of priority)

[/autoacceptincoming] [/autoacceptnodsm] [/disablesponsor]

[/requireencryption] [/enablecache] [/throttlemouse n] [/socketkeepalivetimeout n]
```

For full details see documentation.

确定
