# UltraVNC SC 2.0

### 1. Direct connection

### 1.1 Viewer

On *somehost* run vncviewer.exe

| UltraVNC Viewer - 1.3.9.0 × |        |                |                  |
|-----------------------------|--------|----------------|------------------|
|                             | Ultr   | aVNC View      | er               |
| server:port                 |        |                | ~                |
| Aide Options                | Direct | ○ Repeater     | Cloud<br>Connect |
| Load                        | Delete | Save as        | Save             |
| Encoders                    | Mous   | e and keyboard | Display          |
| Listen<br>Port: 5500        |        |                | Start Listening  |
|                             |        |                | Reset defaults   |

1.2 Server helpdesk.txt [HOST] Internet support -connect somehost:5500

Run winvnc\_SC.exe select internet support and press connect.

| UltraVnc SC                              |  |  |
|--|--|--|
| Internet support                         |  |  |
| Special chars ûïéç support encryption    |  |  |
| Repeater enter id code                   |  |  |
| Using cloud connect                      |  |  |
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| Connect                                  |  |  |
| Double click to make a connection        |  |  |
| Before making a connection               |  |  |
| Please Call 56 576896 to get your ticket |  |  |
| More Info STOP test                      |  |  |

# 2. Repeater connection

### 2.1 Viewer

| UltraVNC Viewer | - 1.3.9.0         | $\times$ |
|-----------------|-------------------|----------|
|                 | UltraVNC Viewer   |          |
| ID:12345679     | ID:1234567        | $\sim$   |
| repeater:port   | repeaterhost:5902 |          |
|                 | ◯ Direct          |          |
| Show Option     | ns Connect        |          |

#### 2.2 Server

Helpdesk.txt

### [HOST] Repeater id code 1234567 -autoreconnect ID:1234567 repeaterhost:5500

| UltraVnc SC                              |
|--|
| Internet support                         |
| Internet support encryption              |
| Repeater id code 1234567                 |
| Repeater enter id code                   |
| Using cloud connect                      |
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| Connect                                  |
| Dubble Click to make a connection        |
| Before making a connection               |
| Please Call 56 576896 to get your ticket |
|  |
| More Info STOP test                      |
|  |

### [HOST] Repeater enter id code -autoreconnect ID:[ENTERCODE] repeaterhost:5500

| UltraVnc SC                               |                |
|---|----------------|
| Internet support                          |                |
| Internet support encryption               | ENTER TOOR IDE |
| Repeater id code 1234567                  |                |
| Repeater enter id code                    |                |
| Using cloud connect                       |                |
|   |                |
|   |                |
|   |                |
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|   |                |
|   |                |
| Connect                                   |                |
| Dubble Click to make a connection         |                |
| Before making a connection                |                |
|   |                |
| Please call 50 57 0890 to get your ticket |                |
| More Info STOP test                       |                |
|   |                |

# 3. cloud

# 3.1 Viewer/Server

| UltraVNC Viewe | r - 1.3.9.0 |            |        | $\times$ |
|----------------|-------------|------------|--------|----------|
|                | Ultra       | aVNC View  | er     |          |
| Cloud Code:    |             |            |        | $\sim$   |
| Cloud server:  |             |            |        |          |
|                |             | ◯ Repeater | Cloud  | 0        |
| 💽 Show Optic   | ins         |            | Connec | t        |

### Helpdesk.txt

[HOST] Using cloud connect -cloudserver cloud.uvnc.com

| UltraVnc SC                              |
|--|
| Internet support                         |
| Internet support encryption              |
| Repeater id code 1234567                 |
| Repeater enter id code                   |
| Using cloud connect                      |
|  |
|  |
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|  |
| Connect                                  |
| Connect                                  |
| Dubble Click to make a connection        |
| Before making a connection               |
| Please Call 56 576896 to get your ticket |
|  |
| More Info STOP test                      |
|  |
|  |

| Cloud connect         |                 | × |
|-----------------------|-----------------|---|
|                       | Stop 📀          |   |
| Cloud connect server: | cloud.uvnc.com  |   |
| Cloud connect code:   | 1CBD910DA1      |   |
| External ip address:  | 109.133.182.212 |   |

If the server is able to connect (orange)

| UltraVNC Viewer | - 1.3.9.0    |           |        | $\times$ |
|-----------------|--------------|-----------|--------|----------|
| UltraVNC Viewer |              |           |        |          |
| Cloud Code:     | ACBD910DA    | 1         |        | $\sim$   |
| Cloud server:   | cloud.uvnc.c | com       |        |          |
|                 |              | ORepeater | Cloud  | 0        |
| Show Optior     | าร           |           | Connec | ct       |

# If the same code is found (green)

| UltraVNC Viewer - | 1.3.9.0              | × |
|-------------------|----------------------|---|
|                   | UltraVNC Viewer      |   |
| Cloud Code:       | 1CBD910DA1           | ✓ |
| Cloud server:     | cloud.uvnc.com       |   |
|                   | ⊖ Direct ⊖ Repeater  | • |
| Show Options      | Connect              |   |
| Cloud connect     |                      | × |
|                   | Stop                 |   |
| Cloud connect se  | rver: cloud.uvnc.com |   |
| Cloud connect co  | de: 1CBD910DA1       |   |
| External ip addre | ss: 109.133.182.212  |   |

# 4. encryption

2.1 Viewer On *somehost* run vncviewer.exe

# 2.1.1 Activate encryption

| UltraVNC Viewer - 1.3.9.0   |  |     |
|---|--|-----|
|   | UltraVNC Viewer  |     |
| server:port   | localhost  | ~   |
| Hide Options  | Direct     Repeater     Cloud     Connect                      |     |
| Load  | Delete Save as Save  | 9   |
| Encoders<br>Misc S  | Mouse and keyboard Display<br>ecurity Quick encoder Listen mod | e   |
| Use Encryption:   | SecureVNCPlugin.dsm ~<br>Config encryption plugins             |     |
| <ul> <li>Only allow encrypted servers. Only servers with password</li> <li>Share the Server, allow other to connect.</li> <li>Disable clipboard transfer</li> <li>Auto accept incoming (listener mode)</li> <li>ingnore no encryption warning (listener mode)</li> <li>Hide menu</li> </ul> |  |     |
| Test message2   | Notification on connect  |     |
|   | Reset defau  | lts |

| SecureVNCPlugin Configuration   |   | ×   |  |  |
|---|---|---|--|--|
| SecureVNCPlugin 2.4.1.0   |   |   |  |  |
| Created by Adam D. Walling  |   |   |  |  |
| Server will automatically create a new pr   | rivate key.   |   |  |  |
| Enabled Ciphers         3AES-CFB (128- to 256-bit keys)         AES-CFB (128- to 256-bit keys)         AES (128- to 256-bit keys)         Blowfish (56- to 448-bit keys)         IDEA (128-bit keys)         CAST5 (56- to 128-bit keys)         ARC4 (56- to 256-bit keys) | Enabled Key Lengths 448-bit 256-bit 192-bit 128-bit 56-bit RSA: | Generate Client Authentication Key<br>Generate Server Key (advanced)<br>Use new key algorithm |  |  |
| Passphrase:<br>Confirm:<br>Use 56-bit Blowfish ci   | pher for passphrase   | Website   |  |  |

## Generate 2 keys sample 20220814\_Server\_ClientAuth.pubkey 20220814\_Viewer\_ClientAuth.pkey

Copy 20220814\_Server\_ClientAuth.pubkey in the winvnc.exe folder Copy 20220814\_Viewer\_ClientAuth.pkey in viewer.exe folder2.2.1 Start listening

| UltraVNC Viewer - 1.3.9.0 × |              |                 |
|-----------------------------|--------------|-----------------|
|                             | UltraVNC     | C Viewer        |
| server:port                 |              | ~               |
| Alide Op                    | Direct     F | Repeater Cloud  |
| Load                        | Delete       | Save as Save    |
| Encoders                    | Mouse and ke | eyboard Display |
| Listen<br>Port: 5500        |              | Start Listening |
|                             |              | Reset defaults  |

2.2 Server helpdesk.txt

[HOST] Internet support encryption -secureplugin -connect somehost:5500

| UltraVnc SC                              |  |  |  |
|--|--|--|--|
| Internet support                         |  |  |  |
| Internet support encryption              |  |  |  |
| Repeater enter id code                   |  |  |  |
| Using cloud connect                      |  |  |  |
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|  |  |  |  |
| Connect                                  |  |  |  |
| Dubble Click to make a connection        |  |  |  |
| Before making a connection               |  |  |  |
| Please Call 56 576896 to get your ticket |  |  |  |
| More Info STOP test                      |  |  |  |