VNCClient | VNCServer

📁 **vnc_windows_login.pcapng**

🔗 TCP (SYN, ECE, CWR) — Frame 1 | 2020-10-25T12:45:08.970838Z

Source Port	59952
Destination Port	5900

🔗 TCP (SYN, ACK, ECE) — Frame 2 | 2020-10-25T12:45:08.971765Z

Source Port	5900
Destination Port	59952

🔗 TCP (ACK) — Frame 3 | 2020-10-25T12:45:08.971806Z

Source Port	59952
Destination Port	5900

🖥️ VNC Server v003.008 — Frame 4 | 2020-10-25T12:45:08.973247Z

🔗 TCP (ACK) — Frame 5 | 2020-10-25T12:45:08.973298Z

Source Port	59952
Destination Port	5900

💻 VNC Client v003.008 — Frame 6 | 2020-10-25T12:45:08.973409Z

🔗 TCP (ACK) — Frame 7 | 2020-10-25T12:45:08.974125Z

Source Port	5900
Destination Port	59952

🔐 VNC Security Types — Frame 8 | 2020-10-25T12:45:08.980281Z

Security type	None (1)

🔗 TCP (ACK) — Frame 9 | 2020-10-25T12:45:08.980376Z

Source Port	59952
Destination Port	5900

🔐 VNC Security: None — Frame 10 | 2020-10-25T12:45:08.98048Z

✅ VNC Auth: OK — Frame 11 | 2020-10-25T12:45:08.980817Z

🔗 TCP (ACK) — Frame 12 | 2020-10-25T12:45:08.980857Z

Source Port	59952
Destination Port	5900

💻 VNC Client Init — Frame 13 | 2020-10-25T12:45:08.981042Z

🖥️ VNC Desktop: QEMU (Windows10w/Edge-1) — Frame 14 | 2020-10-25T12:45:08.981465Z

Framebuffer width	1280
Framebuffer height	768
Bits per pixel	32
Depth	24
True color flag	True

🔗 TCP (ACK) — Frame 15 | 2020-10-25T12:45:08.981509Z

Source Port	59952
Destination Port	5900

💻 VNC Set Encodings — Frame 16 | 2020-10-25T12:45:09.011146Z

Number of encodings	13
Encoding type	Unknown (24)
Encoding type	Tiled Run-Length (15)
Encoding type	Hextile (5)
Encoding type	ZRLE (16)
Encoding type	Unknown (22)
Encoding type	Unknown (21)
Encoding type	Zlib (6)
Encoding type	RRE (2)
Encoding type	Raw (0)
Encoding type	CopyRect (1)
Encoding type	Cursor With Alpha (pseudo) (-314)
Encoding type	Rich Cursor (pseudo) (-239)

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Encoding type	DesktopSize (pseudo) (-223)

VNC Set Pixel Format — Frame 17 | 2020-10-25T12:45:09.011188Z

Bits per pixel	32
Depth	24
True color flag	True

TCP (ACK) — Frame 18 | 2020-10-25T12:45:09.012028Z

Source Port	5900
Destination Port	59952

VNC Framebuffer Update Request — Frame 19 | 2020-10-25T12:45:09.051413Z

Incremental update	False
Width	1280
Height	768

VNC Framebuffer Update — Frame 20 | 2020-10-25T12:45:09.081921Z

Number of rectangles	1
Width	1280
Height	768
Encoding type	Hextile (5)

VNC Framebuffer Update — Frame 21 | 2020-10-25T12:45:09.081923Z

Number of rectangles	1
Width	1280
Height	768
Encoding type	Hextile (5)

VNC Framebuffer Update — Frame 22 | 2020-10-25T12:45:09.081924Z

Number of rectangles	1
Width	1280
Height	768
Encoding type	Hextile (5)

VNC Framebuffer Update Request — Frame 23 | 2020-10-25T12:45:37.111087Z

Incremental update	True
Width	1280
Height	768

TCP (ACK) — Frame 24 | 2020-10-25T12:45:37.111368Z

Source Port	5900
Destination Port	59952

VNC Framebuffer Update — Frame 25 | 2020-10-25T12:45:37.156616Z

Number of rectangles	2
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	12
Encoding type	Raw (0)

VNC Framebuffer Update — Frame 26 | 2020-10-25T12:45:37.156617Z

Number of rectangles	2
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	12
Encoding type	Raw (0)

TCP (ACK) — Frame 27 | 2020-10-25T12:45:37.15672Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update Request — Frame 28 | 2020-10-25T12:45:37.15717Z

Incremental update	True
Width	1280

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Height	768

🔗 TCP (ACK) — Frame 29 | 2020-10-25T12:45:37.157556Z

Source Port	5900
Destination Port	59952

🖥️ VNC Framebuffer Update — Frame 30 | 2020-10-25T12:45:37.265626Z

Number of rectangles	3
Width	16
Height	19
Encoding type	Raw (0)
Width	16
Height	3
Encoding type	Raw (0)
Width	16
Height	17
Encoding type	Raw (0)

🖥️ VNC Framebuffer Update — Frame 31 | 2020-10-25T12:45:37.265628Z

Number of rectangles	3
Width	16
Height	19
Encoding type	Raw (0)
Width	16
Height	3
Encoding type	Raw (0)
Width	16
Height	17
Encoding type	Raw (0)

🔗 TCP (ACK) — Frame 32 | 2020-10-25T12:45:37.265733Z

Source Port	59952
Destination Port	5900

💻 VNC Framebuffer Update Request — Frame 33 | 2020-10-25T12:45:37.266252Z

Incremental update	True
Width	1280
Height	768

🔗 TCP (ACK) — Frame 34 | 2020-10-25T12:45:37.266609Z

Source Port	5900
Destination Port	59952

🖥️ VNC Framebuffer Update — Frame 35 | 2020-10-25T12:45:37.305986Z

Number of rectangles	4
Width	16
Height	1
Encoding type	Raw (0)
Width	32
Height	8
Encoding type	Raw (0)
Width	16
Height	4
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)

🖥️ VNC Framebuffer Update — Frame 36 | 2020-10-25T12:45:37.305988Z

Number of rectangles	4
Width	16
Height	1
Encoding type	Raw (0)
Width	32
Height	8
Encoding type	Raw (0)
Width	16

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Height	4
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)

🔗 TCP (ACK) — Frame 37 | 2020-10-25T12:45:37.306077Z

Source Port	59952
Destination Port	5900

💻 VNC Framebuffer Update Request — Frame 38 | 2020-10-25T12:45:37.306487Z

Incremental update	True
Width	1280
Height	768

🔗 TCP (ACK) — Frame 39 | 2020-10-25T12:45:37.306707Z

Source Port	5900
Destination Port	59952

🖥️ VNC Framebuffer Update — Frame 40 | 2020-10-25T12:45:37.338346Z

Number of rectangles	2
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	20
Encoding type	Raw (0)

🖥️ VNC Framebuffer Update — Frame 41 | 2020-10-25T12:45:37.338348Z

Number of rectangles	2
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	20
Encoding type	Raw (0)

🖥️ VNC Framebuffer Update — Frame 42 | 2020-10-25T12:45:37.338349Z

Number of rectangles	2
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	20
Encoding type	Raw (0)

🔗 TCP (ACK) — Frame 43 | 2020-10-25T12:45:37.338441Z

Source Port	59952
Destination Port	5900

🔗 TCP (ACK) — Frame 44 | 2020-10-25T12:45:37.338442Z

Source Port	59952
Destination Port	5900

🔗 TCP (ACK) — Frame 45 | 2020-10-25T12:45:37.338519Z

Source Port	59952
Destination Port	5900

💻 VNC Framebuffer Update Request — Frame 46 | 2020-10-25T12:45:37.338938Z

Incremental update	True
Width	1280
Height	768

🖥️ VNC Framebuffer Update — Frame 47 | 2020-10-25T12:45:37.367356Z

Number of rectangles	5
Width	16
Height	8
Encoding type	Raw (0)

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Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	9
Encoding type	Raw (0)

VNC Framebuffer Update

Frame 48 | 2020-10-25T12:45:37.367358Z

Number of rectangles	5
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	8...
	1 more

TCP (ACK)

Frame 49 | 2020-10-25T12:45:37.367445Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update Request

Frame 50 | 2020-10-25T12:45:37.367986Z

Incremental update	True
Width	1280
Height	768

VNC Framebuffer Update

Frame 51 | 2020-10-25T12:45:37.397662Z

Number of rectangles	4
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)

VNC Framebuffer Update

Frame 52 | 2020-10-25T12:45:37.397664Z

Number of rectangles	4
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	18
Encoding type	Raw (0)

TCP (ACK)

Frame 53 | 2020-10-25T12:45:37.397761Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update Request

Frame 54 | 2020-10-25T12:45:37.39831Z

Incremental update	True

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Width	1280
Height	768

VNC Framebuffer Update

Frame 55 | 2020-10-25T12:45:37.428338Z

Number of rectangles	5
Width	16
Height	1
Encoding type	Raw (0)
Width	16
Height	10
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)

VNC Framebuffer Update

Frame 56 | 2020-10-25T12:45:37.428339Z

Number of rectangles	5
Width	16
Height	1
Encoding type	Raw (0)
Width	16
Height	10
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	17...
	1 more

TCP (ACK)

Frame 57 | 2020-10-25T12:45:37.428434Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update

Frame 58 | 2020-10-25T12:45:37.458498Z

Number of rectangles	5
Width	16
Height	5
Encoding type	Raw (0)
Width	16
Height	10
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)

VNC Framebuffer Update

Frame 59 | 2020-10-25T12:45:37.458499Z

Number of rectangles	5
Width	16
Height	5
Encoding type	Raw (0)
Width	16
Height	10
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)

VNCClient | VNCServer

Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	17...
	1 more

VNC Framebuffer Update (VNCServer → VNCClient) — Frame 60 | 2020-10-25T12:45:37.458501Z

Number of rectangles	5
Width	16
Height	5
Encoding type	Raw (0)
Width	16
Height	10
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	17...
	1 more

TCP (ACK) (VNCClient → VNCServer) — Frame 61 | 2020-10-25T12:45:37.458615Z

Source Port	59952
Destination Port	5900

TCP (ACK) (VNCClient → VNCServer) — Frame 62 | 2020-10-25T12:45:37.458615Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update (VNCServer → VNCClient) — Frame 63 | 2020-10-25T12:45:37.488661Z

Number of rectangles	6
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	15
Encoding type	Raw (0)

VNC Framebuffer Update (VNCServer → VNCClient) — Frame 64 | 2020-10-25T12:45:37.488663Z

Number of rectangles	6
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	15
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7...
	4 more

VNC Framebuffer Update (VNCServer → VNCClient) — Frame 65 | 2020-10-25T12:45:37.488664Z

Number of rectangles	6
Width	16
Height	7

VNCClient | VNCServer

Encoding type	Raw (0)
Width	16
Height	8
Encoding type	Raw (0)
Width	16
Height	15
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7...
	4 more

TCP (ACK) → Frame 66 | 2020-10-25T12:45:37.488741Z

Source Port	59952
Destination Port	5900

TCP (ACK) → Frame 67 | 2020-10-25T12:45:37.488745Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update ← Frame 68 | 2020-10-25T12:45:37.518516Z

Number of rectangles	5
Width	32
Height	7
Encoding type	Raw (0)
Width	32
Height	9
Encoding type	Raw (0)

VNC Framebuffer Update ← Frame 69 | 2020-10-25T12:45:37.518518Z

Number of rectangles	5
Width	32
Height	7
Encoding type	Raw (0)
Width	32
Height	9
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)

VNC Framebuffer Update ← Frame 70 | 2020-10-25T12:45:37.518519Z

Number of rectangles	5
Width	32
Height	7
Encoding type	Raw (0)
Width	32
Height	9
Encoding type	Raw (0)
Width	16
Height	6
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	16...
	1 more

TCP (ACK) → Frame 71 | 2020-10-25T12:45:37.518648Z

Source Port	59952
Destination Port	5900

VNCClient | VNCServer

TCP (ACK) — Frame 72 | 2020-10-25T12:45:37.518648Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update — Frame 73 | 2020-10-25T12:45:37.548944Z

Number of rectangles	3
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	8
Encoding type	Raw (0)

VNC Framebuffer Update — Frame 74 | 2020-10-25T12:45:37.548946Z

Number of rectangles	3
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	8
Encoding type	Raw (0)
Width	32
Height	15
Encoding type	Raw (0)

VNC Framebuffer Update — Frame 75 | 2020-10-25T12:45:37.548947Z

Number of rectangles	3
Width	16
Height	7
Encoding type	Raw (0)
Width	32
Height	8
Encoding type	Raw (0)
Width	32
Height	15
Encoding type	Raw (0)

TCP (ACK) — Frame 76 | 2020-10-25T12:45:37.549037Z

Source Port	59952
Destination Port	5900

TCP (ACK) — Frame 77 | 2020-10-25T12:45:37.549038Z

Source Port	59952
Destination Port	5900

VNC Framebuffer Update — Frame 78 | 2020-10-25T12:45:37.578459Z

Number of rectangles	2
Width	16
Height	9
Encoding type	Raw (0)
Width	32
Height	25
Encoding type	Raw (0)

VNC Framebuffer Update — Frame 79 | 2020-10-25T12:45:37.578461Z

Number of rectangles	2
Width	16
Height	9
Encoding type	Raw (0)
Width	32
Height	25
Encoding type	Raw (0)

VNC Framebuffer Update — Frame 80 | 2020-10-25T12:45:37.578462Z

Number of rectangles	2
Width	16
Height	9

VNCClient | VNCServer

Encoding type	Raw (0)
Width	32
Height	25
Encoding type	Raw (0)

TCP (ACK) → Frame 81 | 2020-10-25T12:45:37.578556Z

Source Port	59952
Destination Port	5900

← VNC Framebuffer Update — Frame 82 | 2020-10-25T12:45:37.608746Z

Number of rectangles	4
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	23
Encoding type	Raw (0)

← VNC Framebuffer Update — Frame 83 | 2020-10-25T12:45:37.608748Z

Number of rectangles	4
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	23
Encoding type	Raw (0)
Width	16
Height	14
Encoding type	Raw (0)

← VNC Framebuffer Update — Frame 84 | 2020-10-25T12:45:37.608749Z

Number of rectangles	4
Width	16
Height	9
Encoding type	Raw (0)
Width	16
Height	7
Encoding type	Raw (0)
Width	16
Height	23
Encoding type	Raw (0)
Width	16
Height	14
Encoding type	Raw (0)

TCP (ACK) → Frame 85 | 2020-10-25T12:45:37.608843Z

Source Port	59952
Destination Port	5900

TCP (ACK) → Frame 86 | 2020-10-25T12:45:37.608844Z

Source Port	59952
Destination Port	5900

TCP (RST, ACK) → Frame 87 | 2020-10-25T12:45:37.634076Z

Source Port	59952
Destination Port	5900