

GET

*Adapter for loopback traffic capture

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http

No.	Time	Source	Destination	Protocol	Length	The RTT to ACK the	Window	Calculated window size	Bytes in flight	Info
292	63.967988	genuine-so...	genuine-sof...	HTTP	192	256	256	2619648	148	GET /students HTTP/1.1
296	63.972742	genuine-so...	genuine-sof...	HTTP/1...	520	256	256	2619648	476	HTTP/1.1 200 OK, JSON (application/json)
303	63.977317	genuine-so...	genuine-sof...	HTTP	194	256	256	2619648	150	GET /students/1 HTTP/1.1
309	63.979156	genuine-so...	genuine-sof...	HTTP/1...	210	256	256	2619648	166	HTTP/1.1 200 OK, JSON (application/json)
318	63.982797	genuine-so...	genuine-sof...	HTTP/1...	210	256	256	2619648	166	POST /students HTTP/1.1, JSON (application/json)
324	63.986502	genuine-so...	genuine-sof...	HTTP/1...	363	256	256	2619392	319	HTTP/1.1 201 CREATED, JSON (application/json)
332	63.990089	genuine-so...	genuine-sof...	HTTP/1...	183	256	256	2619648	342	PUT /students/4 HTTP/1.1, JSON (application/json)
339	63.993956	genuine-so...	genuine-sof...	HTTP/1...	394	256	256	2619648	350	HTTP/1.1 200 OK, JSON (application/json)
346	63.997133	genuine-so...	genuine-sof...	HTTP	216	256	256	2619648	172	DELETE /students/1 HTTP/1.1
352	64.000864	genuine-so...	genuine-sof...	HTTP/1...	181	256	256	2619648	137	HTTP/1.1 200 OK, JSON (application/json)

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> Frame 292: 192 bytes on wire (1536 bits), 192 bytes captured (1536 bits) on interface \Device\NPF_{Loopback, id 0

> Null/Loopback

> Internet Protocol Version 4, Src: genuine-software.autodesk.com (127.0.0.1), Dst: genuine-software.autodesk.com (127.0.0.1)

> Transmission Control Protocol, Src Port: 57304 (57304), Dst Port: http (80), Seq: 1, Ack: 1, Len: 148

> Hypertext Transfer Protocol

> GET /students HTTP/1.1\r\n

Host: 127.0.0.1\r\n

User-Agent: python-requests/2.32.3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept: */*\r\n

Connection: keep-alive\r\n

\r\n

[Full request URI: http://127.0.0.1/students]

[HTTP request 1/1]

[Response in frame: 296]

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POST

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http

No.	Time	Source	Destination	Protocol	Length	The RTT to ACK the	Window	Calculated window size	Bytes in flight	Info
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352	64.000864	genuine-so...	genuine-sof...	HTTP/1...	181	256	256	2619648	137	HTTP/1.1 200 OK, JSON (application/json)

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> Frame 318: 210 bytes on wire (1680 bits), 210 bytes captured (1680 bits) on interface \Device\NPF_{Loopback, id 0

> Null/Loopback

> Internet Protocol Version 4, Src: genuine-software.autodesk.com (127.0.0.1), Dst: genuine-software.autodesk.com (127.0.0.1)

> Transmission Control Protocol, Src Port: 57306 (57306), Dst Port: http (80), Seq: 203, Ack: 1, Len: 166

> [2 Reassembled TCP Segments (368 bytes): #316(202), #318(166)]

> Hypertext Transfer Protocol

> POST /students HTTP/1.1\r\n

Host: 127.0.0.1\r\n

User-Agent: python-requests/2.32.3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept: */*\r\n

Connection: keep-alive\r\n

> Content-Length: 166\r\n

Content-Type: application/json\r\n

\r\n

[Full request URI: http://127.0.0.1/students]

[HTTP request 1/1]

[Response in frame: 324]

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Frame (210 bytes) Reassembled TCP (368 bytes)

PUT

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No.	Time	Source	Destination	Protocol	Length	The RTT to ACK the	Window	Calculated window size	Bytes in flight	Info
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352	64.000864	genuine-so...	genuine-sof...	HTTP/1...	181		256	2619648	137	HTTP/1.1 200 OK, JSON (application/json)

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> Frame 332: 183 bytes on wire (1464 bits), 183 bytes captured (1464 bits) on interface \Device\NPF_{Loopback}, id 0

> Null/Loopback

> Internet Protocol Version 4, Src: genuine-software.autodesk.com (127.0.0.1), Dst: genuine-software.autodesk.com (127.0.0.1)

> Transmission Control Protocol, Src Port: 57307 (57307), Dst Port: http (80), Seq: 204, Ack: 1, Len: 139

> [2 Reassembled TCP Segments (342 bytes): #331(203), #332(139)]

> Hypertext Transfer Protocol

> PUT /students/4 HTTP/1.1\r\n

Host: 127.0.0.1\r\n

User-Agent: python-requests/2.32.3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept: */*\r\n

Connection: keep-alive\r\n

> Content-Length: 139\r\n

Content-Type: application/json\r\n

\r\n

[Full request URI: http://127.0.0.1/students/4]

[HTTP request 1/1]

[Response in frame: 339]

0000 02 00 00 00 45 00 00 b3 50 28 40
0010 7f 00 00 01 7f 00 00 01 df db 00
0020 0c d6 d9 23 50 18 27 f9 ed 49 00
0030 6d 65 22 3a 20 22 5c 75 30 34 31
0040 33 65 5c 75 30 34 33 32 5c 75 30
0050 30 34 33 39 20 5c 75 30 34 32 31
0060 32 5c 75 30 34 33 33 5c 75 30 34
0070 34 33 35 5c 75 30 34 33 64 5c 75
0080 2c 20 22 61 67 65 22 3a 20 32 33
0090 6a 6f 72 22 3a 20 22 5c 75 30 34
00a0 34 33 38 5c 75 30 34 33 63 5c 75
00b0 75 30 34 34 66 22 7d

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Frame (183 bytes) Reassembled TCP (342 bytes)

DELETE

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No.	Time	Source	Destination	Protocol	Length	The RTT to ACK the	Window	Calculated window size	Bytes in flight	Info
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352	64.000864	genuine-so...	genuine-sof...	HTTP/1...	181		256	2619648	137	HTTP/1.1 200 OK, JSON (application/json)

<

> Frame 346: 216 bytes on wire (1728 bits), 216 bytes captured (1728 bits) on interface \Device\NPF_{Loopback}, id 0

> Null/Loopback

> Internet Protocol Version 4, Src: genuine-software.autodesk.com (127.0.0.1), Dst: genuine-software.autodesk.com (127.0.0.1)

> Transmission Control Protocol, Src Port: 57308 (57308), Dst Port: http (80), Seq: 1, Ack: 1, Len: 172

> Hypertext Transfer Protocol

> DELETE /students/1 HTTP/1.1\r\n

Host: 127.0.0.1\r\n

User-Agent: python-requests/2.32.3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept: */*\r\n

Connection: keep-alive\r\n

> Content-Length: 0\r\n

\r\n

[Full request URI: http://127.0.0.1/students/1]

[HTTP request 1/1]

[Response in frame: 352]

0000 02 00 00 00 45 00 00 d4 50 36 40 0
0010 7f 00 00 01 7f 00 00 01 df dc 00 5
0020 c0 02 dd f7 50 18 27 f9 67 8f 00 0
0030 54 45 20 2f 73 74 75 64 65 6e 74 7
0040 54 54 50 2f 31 2e 31 0d 0a 48 6f 7
0050 32 37 2e 30 2e 30 2e 31 0d 0a 55 7
0060 67 65 6e 74 3a 20 79 74 68 6f 6
0070 75 65 73 74 73 2f 32 2e 33 32 2e 3
0080 63 65 70 74 2d 45 6e 63 6f 64 69 6
0090 7a 69 70 74 2d 64 65 66 6c 61 74 6
00a0 63 65 70 74 3a 20 2a 2f 2a 0d 0a 4
00b0 63 74 69 6f 6e 3a 20 6b 65 65 70 2
00c0 65 0d 0a 43 6f 6e 74 65 6e 74 2d 4
00d0 68 3a 20 30 0d 0a 0d 0a

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Frame (216 bytes) Reassembled TCP (342 bytes)