

No.	Time	Source	Destination	Protocol	Length	Info
6591	0.034820000	10.82.147.163	10.80.20.6	SIP/SDP	2288	Request: INVITE sip

Frame 6591: 2288 bytes on wire (18304 bits), 2288 bytes captured (18304 bits) on interface 1

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Interface id: 1
WTAP ENCAP: 1
Arrival Time: Apr 6, 2016 13:18:11.371576000 GMT Daylight Time
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1459945091.371576000 seconds
[Time delta from previous captured frame: 0.034820000 seconds]
[Time delta from previous displayed frame: 0.034820000 seconds]
[Time since reference or first frame: 84.967260000 seconds]
Frame Number: 6591
Frame Length: 2288 bytes (18304 bits)
Capture Length: 2288 bytes (18304 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ip:tcp:sip:sdp]
[Coloring Rule Name: Checksum Errors]
[Coloring Rule String: cdp.checksum bad==1 || edp.checksum bad==1 || ip.checksum bad==1 || tcp.che
Ethernet II, Src: Dell 1a:fb:c0 (5c:26:0a:1a:fb:c0), Dst: All-HSRP-routers_66 (00:00:0c:07:ac:66)
Destination: All-HSRP-routers 66 (00:00:0c:07:ac:66)
Address: All-HSRP-routers 66 (00:00:0c:07:ac:66)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0 .... = IG bit: Individual address (unicast)
Source: Dell 1a:fb:c0 (5c:26:0a:1a:fb:c0)
Address: Dell 1a:fb:c0 (5c:26:0a:1a:fb:c0)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0 .... = IG bit: Individual address (unicast)
Type: IP (0x0800)
Internet Protocol Version 4, Src: 10.82.147.163 (10.82.147.163), Dst: 10.80.20.6 (10.80.20.6)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x68 (DSCP 0x1a: Assured Forwarding 31; ECN: 0x00: Not-ECT (Not ECN
0110 10.. = Differentiated Services Codepoint: Assured Forwarding 31 (0x1a)
.... 00 = Explicit Congestion Notification: Not-ECT (Not ECN-Capable Transport) (0x00)
Total Length: 2274
Identification: 0x42f9 (17145)
Flags: 0x02 (Don't Fragment)
0... .... = Reserved bit: Not set
.1.. .... = Don't fragment: Set
..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 128
Protocol: TCP (6)
Header checksum: 0x0000 [incorrect, should be 0xf269 (may be caused by "IP checksum offload"?)]
[Good: False]
[Bad: True]
[Expert Info (Error/Checksum): Bad checksum]
[Message: Bad checksum]
[Severity level: Error]
[Group: Checksum]
Source: 10.82.147.163 (10.82.147.163)
Destination: 10.80.20.6 (10.80.20.6)
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 52661 (52661), Dst Port: sip (5060), Seq: 22786, Ack: 11854,
Source port: 52661 (52661)
Destination port: sip (5060)
[Stream index: 4]
Sequence number: 22786 (relative sequence number)
[Next sequence number: 25020 (relative sequence number)]
Acknowledgment number: 11854 (relative ack number)
Header length: 20 bytes
Flags: 0x018 (PSH, ACK)
000. .... = Reserved: Not set

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....0 .... = Nonce: Not set  
.... 0... .... = Congestion Window Reduced (CWR): Not set  
.... .0.. .... = ECN-Echo: Not set  
.... ..0. .... = Urgent: Not set  
.... ...1 .... = Acknowledgment: Set  
.... .... 1... = Push: Set  
.... .... .0.. = Reset: Not set  
.... .... ..0. = Syn: Not set  
.... .... ...0 = Fin: Not set

Window size value: 254

[Calculated window size: 254]

[Window size scaling factor: -1 (unknown)]

Checksum: 0xbc51 [validation disabled]

[Good Checksum: False]

[Bad Checksum: False]

[SEQ/ACK analysis]

[This is an ACK to the segment in frame: 6587]

[The RTT to ACK the segment was: 0.085871000 seconds]

[Bytes in flight: 2234]

Session Initiation Protocol (INVITE)

Request-Line: INVITE sip:293550@10.80.20.6;user=phone SIP/2.0

Method: INVITE

Request-URI: sip:293550@10.80.20.6;user=phone

Request-URI User Part: 293550

Request-URI Host Part: 10.80.20.6

[Resent Packet: False]

Message Header

Via: SIP/2.0/TCP 10.82.147.163:52661;branch=z9hG4bK00005175

Transport: TCP

Sent-by Address: 10.82.147.163

Sent-by port: 52661

Branch: z9hG4bK00005175

From: "Russell Sage" <sip:855574@10.80.20.6>;tag=00ff9080220800f100000288-00006468

SIP Display info: "Russell Sage"

SIP from address: sip:855574@10.80.20.6

SIP from address User Part: 855574

SIP from address Host Part: 10.80.20.6

SIP from tag: 00ff9080220800f100000288-00006468

To: <sip:293550@10.80.20.6>

SIP to address: sip:293550@10.80.20.6

SIP to address User Part: 293550

SIP to address Host Part: 10.80.20.6

Call-ID: 00ff9080-22080049-00000709-000037a3@10.82.147.163

Max-Forwards: 70

Date: Wed, 06 Apr 2016 12:18:11 GMT

CSeq: 101 INVITE

Sequence Number: 101

Method: INVITE

User-Agent: Cisco-CSF/9.3.2

Contact: <sip:04fc2e42-1b5c-2155-093e-7c37e8aee7b9@10.82.147.163:52661;transport=tcp>;video;bf

Contact URI: sip:04fc2e42-1b5c-2155-093e-7c37e8aee7b9@10.82.147.163:52661;transport=tcp

Contact URI User Part: 04fc2e42-1b5c-2155-093e-7c37e8aee7b9

Contact URI Host Part: 10.82.147.163

Contact URI Host Port: 52661

Contact URI parameter: transport=tcp

Contact parameter: video

Contact parameter: bfc\r\n

Expires: 180

Accept: application/sdp

Allow: ACK, BYE, CANCEL, INVITE, NOTIFY, OPTIONS, REFER, REGISTER, UPDATE, SUBSCRIBE, INFO

Remote-Party-ID: "Russell Sage" <sip:855574@10.80.20.6>;party=calling;id-type=subscriber;priva

[Expert Info (Note/Undecoded): Unrecognised SIP header (Remote-Party-ID)]

[Message: Unrecognised SIP header (Remote-Party-ID)]

[Severity level: Note]

[Group: Undecoded]

[truncated] Supported: replaces, join, sdp-anat, norefersub, resource-priority, extended-refer, X-ci

Allow-Events: kpml,dialog  
Recv-Info: conference  
Recv-Info: x-cisco-conference  
Content-Length: 1086  
Content-Type: application/sdp  
Content-Disposition: session;handling=optional

Message Body

Session Description Protocol

Session Description Protocol Version (v): 0  
Owner/Creator, Session Id (o): Cisco-SIPUA 21444 0 IN IP4 10.82.147.163  
Owner Username: Cisco-SIPUA  
Session ID: 21444  
Session Version: 0  
Owner Network Type: IN  
Owner Address Type: IP4  
Owner Address: 10.82.147.163  
Session Name (s): SIP Call  
Bandwidth Information (b): AS:4000  
Bandwidth Modifier: AS [Application Specific (RTP session bandwidth)]  
Bandwidth Value: 4000 kb/s  
Time Description, active time (t): 0 0  
Session Start Time: 0  
Session Stop Time: 0  
Media Description, name and address (m): audio 19458 RTP/AVP 0 8 18 105 104 101  
Media Type: audio  
Media Port: 19458  
Media Protocol: RTP/AVP  
Media Format: ITU-T G.711 PCMU  
Media Format: ITU-T G.711 PCMA  
Media Format: ITU-T G.729  
Media Format: DynamicRTP-Type-105  
Media Format: DynamicRTP-Type-104  
Media Format: DynamicRTP-Type-101  
Connection Information (c): IN IP4 10.82.147.163  
Connection Network Type: IN  
Connection Address Type: IP4  
Connection Address: 10.82.147.163  
Media Attribute (a): rtpmap:0 PCMU/8000  
Media Attribute Fieldname: rtpmap  
Media Format: 0  
MIME Type: PCMU  
Sample Rate: 8000  
Media Attribute (a): rtpmap:8 PCMA/8000  
Media Attribute Fieldname: rtpmap  
Media Format: 8  
MIME Type: PCMA  
Sample Rate: 8000  
Media Attribute (a): rtpmap:18 G729/8000  
Media Attribute Fieldname: rtpmap  
Media Format: 18  
MIME Type: G729  
Sample Rate: 8000  
Media Attribute (a): fmp:18 annexb=no  
Media Attribute Fieldname: fmp  
Media Format: 18 [G729]  
Media format specific parameters: annexb=no  
Media Attribute (a): rtpmap:105 G7221/16000  
Media Attribute Fieldname: rtpmap  
Media Format: 105  
MIME Type: G7221  
Sample Rate: 16000  
Media Attribute (a): fmp:105 bitrate=24000  
Media Attribute Fieldname: fmp  
Media Format: 105 [G7221]  
Media format specific parameters: bitrate=24000  
Media Attribute (a): rtpmap:104 G7221/16000

Media Attribute Fieldname: rtpmap  
Media Format: 104  
MIME Type: G7221  
Sample Rate: 16000  
Media Attribute (a): fntp:104 bitrate=32000  
Media Attribute Fieldname: fntp  
Media Format: 104 [G7221]  
Media format specific parameters: bitrate=32000  
Media Attribute (a): rtpmap:101 telephone-event/8000  
Media Attribute Fieldname: rtpmap  
Media Format: 101  
MIME Type: telephone-event  
Sample Rate: 8000  
Media Attribute (a): fntp:101 0-15  
Media Attribute Fieldname: fntp  
Media Format: 101 [telephone-event]  
Media format specific parameters: 0-15  
Media Attribute (a): sendrecv  
Media Description, name and address (m): video 25404 RTP/AVP 97  
Media Type: video  
Media Port: 25404  
Media Protocol: RTP/AVP  
Media Format: DynamicRTP-Type-97  
Connection Information (c): IN IP4 10.82.147.163  
Connection Network Type: IN  
Connection Address Type: IP4  
Connection Address: 10.82.147.163  
Bandwidth Information (b): TIAS:4000000  
Bandwidth Modifier: TIAS [Transport Independent Application Specific maximum]  
Bandwidth Value: 4000000 b/s  
Media Attribute (a): rtpmap:97 H264/90000  
Media Attribute Fieldname: rtpmap  
Media Format: 97  
MIME Type: H264  
Sample Rate: 90000  
Media Attribute (a): fntp:97 profile-level-id=42E01F;packetization-mode=0;level-asymmetry-  
Media Attribute Fieldname: fntp  
Media Format: 97 [H264]  
Media format specific parameters: profile-level-id=42E01F  
Profile: 42e01f  
0100 0010 = Profile idc: Baseline profile (66)  
1... .... = Constraint set0 flag: 1  
.1.. .... = Constraint\_set1\_flag: 1  
..1. .... = Constraint set2 flag: 1  
...0 .... = Constraint set3 flag: 0  
.... 0000 = Reserved zero 4bits: 0  
0001 1111 = Level id: 31 [Level 3.1 14 Mb/s]  
Media format specific parameters: packetization-mode=0  
[Packetization mode: Single NAL mode (0)]  
Media format specific parameters: level-asymmetry-allowed=1  
Media format specific parameters: max-fs=3601  
Media Attribute (a): imageattr:97 recv [x=[32:1:1280],y=[18:1:720],par=1.7778,q=1.00]  
Media Attribute Fieldname: imageattr  
Media Attribute Value: 97recv [x=[32:1:1280],y=[18:1:720],par=1.7778,q=1.00]  
Media Attribute (a): content:main  
Media Attribute Fieldname: content  
Media Attribute Value: main  
Media Attribute (a): label:11  
Media Attribute Fieldname: label  
Media Attribute Value: 11  
Media Attribute (a): recvonly  
Media Description, name and address (m): video 30680 RTP/AVP 97  
Media Type: video  
Media Port: 30680  
Media Protocol: RTP/AVP  
Media Format: DynamicRTP-Type-97

Connection Information (c): IN IP4 10.82.147.163  
Connection Network Type: IN  
Connection Address Type: IP4  
Connection Address: 10.82.147.163  
Bandwidth Information (b): TIAS:4000000  
Bandwidth Modifier: TIAS [Transport Independent Application Specific maximum]  
Bandwidth Value: 4000000 b/s  
Media Attribute (a): rtpmap:97 H264/90000  
Media Attribute Fieldname: rtpmap  
Media Format: 97  
MIME Type: H264  
Sample Rate: 90000  
Media Attribute (a): fmp:97 profile-level-id=42E01F;packetization-mode=0;level-asymmetry-allowed=1  
Media Attribute Fieldname: fmp  
Media Format: 97 [H264]  
Media format specific parameters: profile-level-id=42E01F  
Profile: 42e01f  
0100 0010 = Profile\_idc: Baseline profile (66)  
1... .... = Constraint set0 flag: 1  
.1.. .... = Constraint set1 flag: 1  
..1. .... = Constraint set2 flag: 1  
...0 .... = Constraint set3 flag: 0  
... 0000 = Reserved zero 4bits: 0  
0001 1111 = Level id: 31 [Level 3.1 14 Mb/s]  
Media format specific parameters: packetization-mode=0  
[Packetization mode: Single NAL mode (0)]  
Media format specific parameters: level-asymmetry-allowed=1  
Media format specific parameters: max-fs=3601  
Media Attribute (a): content:slides  
Media Attribute Fieldname: content  
Media Attribute Value: slides  
Media Attribute (a): label:12  
Media Attribute Fieldname: label  
Media Attribute Value: 12  
Media Attribute (a): sendrecv  
Media Description, name and address (m): application 5070 UDP/BFCP \*  
Media Type: application  
Media Port: 5070  
Media Protocol: UDP/BFCP  
Media Format: \*  
Connection Information (c): IN IP4 10.82.147.163  
Connection Network Type: IN  
Connection Address Type: IP4  
Connection Address: 10.82.147.163  
Media Attribute (a): floorctrl:c-s  
Media Attribute Fieldname: floorctrl  
Media Attribute Value: c-s  
Media Attribute (a): confid:31  
Media Attribute Fieldname: confid  
Media Attribute Value: 31  
Media Attribute (a): floorid:2 mstrm:12  
Media Attribute Fieldname: floorid  
Media Attribute Value: 2 mstrm:12  
Media Attribute (a): userid:31  
Media Attribute Fieldname: userid  
Media Attribute Value: 31  
Media Attribute (a): setup:actpass  
Media Attribute Fieldname: setup  
Media Attribute Value: actpass  
Media Attribute (a): connection:new  
Media Attribute Fieldname: connection  
Media Attribute Value: new  
Media Attribute (a): sendrecv