

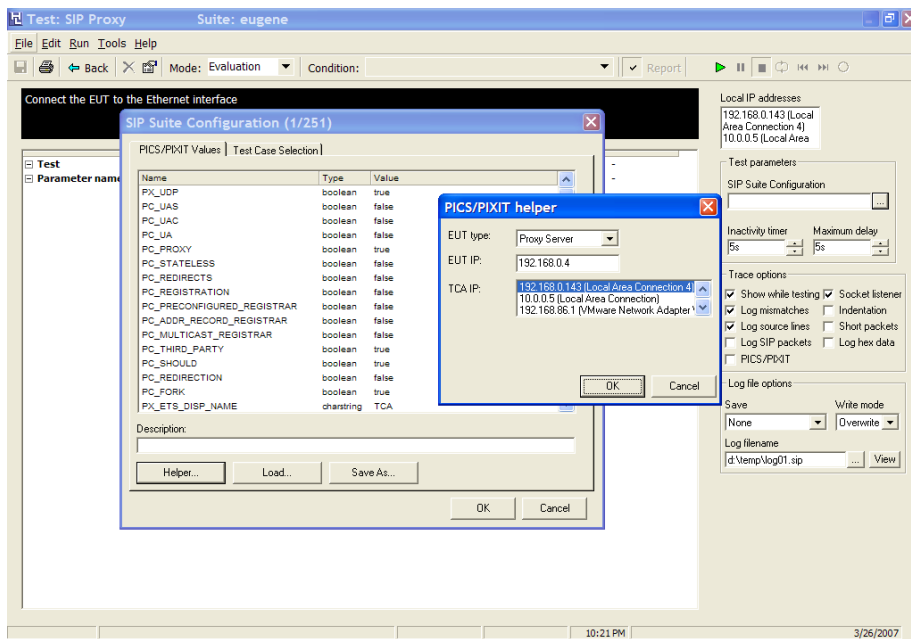


HL SIP Conformance Analyzer

Specifications

- Fully automatic testing of SIP protocol (RFC 3261) according to ETSI TS 102 027 V4.1.1 (2006-07) standard
- TTCN-3 suites for User Agent, Proxy, Redirect server, Registrar
- User-friendly test parameter (PICS/PIXIT values) setting
- User-configurable tests suites
- On-line and Off-line analysis
- Real time display of protocol trace and test results
- Logging of trace and results to file
- Automatic test reports in text and MS Word format
- Powerful management features

Screenshots



Simple PICS/PIXIT configuration



SIP Suite Configuration (5/251)

PICS/PIXIT Values | Test Case Selection

	Test Case Name	Select...
169	SIP_CC_PR_TR_CL_TI_018	<input type="checkbox"/>
170	SIP_CC_PR_TR_CL_TI_019	<input type="checkbox"/>
171	SIP_CC_PR_TR_SE_V_001	<input checked="" type="checkbox"/>
172	SIP_CC_PR_TR_SE_V_002	<input checked="" type="checkbox"/>
173	SIP_CC_PR_TR_SE_V_003	<input checked="" type="checkbox"/>
174	SIP_CC_PR_TR_SE_V_004	<input checked="" type="checkbox"/>
175	SIP_CC_PR_TR_SE_V_005	<input checked="" type="checkbox"/>
176	SIP_CC_PR_TR_SE_V_006	<input type="checkbox"/>
177	SIP_CC_PR_TR_SE_V_007	<input type="checkbox"/>
178	SIP_CC_PR_TR_SE_V_008	<input type="checkbox"/>
179	SIP_CC_PR_TR_SE_V_009	<input type="checkbox"/>
180	SIP_CC_PR_TR_SE_V_010	<input type="checkbox"/>
181	SIP_CC_PR_TR_SE_V_011	<input type="checkbox"/>
182	SIP_CC_PR_TR_SE_V_012	<input type="checkbox"/>
183	SIP_CC_PR_TR_SE_V_013	<input type="checkbox"/>
184	SIP_CC_PR_TR_SE_V_014	<input type="checkbox"/>

Select All | Select Mandatory | Invert Selection | Clear Selection

Description: Ensure that the IUT on receipt of an INVITE request, sends a provisional (100 Trying) response

OK | Cancel

Selecting test cases to run

SIP Trace

Operator action:

```
ptcl : {22:24:33.673} : SIP_Steps.ttcn : 008130 : TGuard.start(45.0); // Timer is started: durat
mtc : {22:24:33.704} : SIP_Steps.ttcn : 008204 : SIPP.send(REGISTER_Request REGISTER_Request
ptcl : {22:24:33.704} : SIP_Steps.ttcn : 008262 : SIPP.send(REGISTER_Request REGISTER_Request
mtc : {22:24:33.704} : SIP_Steps.ttcn : 011089 : Tack.start(3.0); // Timer is started: durat
ptcl : {22:24:33.736} : SIP_Steps.ttcn : 011089 : Tack.start(3.0); // Timer is started: durat
ptcl : {22:24:33.736} : SIP_Steps.ttcn : 011091 : /* MISMATCH: incorrect content in the rece
ptcl : {22:24:33.751} : SIP_Steps.ttcn : 011136 : /* MISMATCH: incorrect content in the rece
ptcl : {22:24:33.767} : SIP_Steps.ttcn : 011183 : SIPP.receive(Response Response_1XX_r_1 :=
ptcl : {22:24:33.783} : SIP_Steps.ttcn : 011091 : SIPP.receive(Response Response_401_r_1 :=
ptcl : {22:24:33.783} : SIP_Steps.ttcn : 011095 : Tack.stop; // Timer is stopped: elapsed 47
ptcl : {22:24:33.783} : SIP_Steps.ttcn : 013350 : log("Cannot acquire value for algorithm fro
ptcl : {22:24:33.798} : SIP_Steps.ttcn : 013358 : log("Cannot acquire value for opaque from
ptcl : {22:24:33.814} : SIP_Steps.ttcn : 011133 : SIPP.send(Request : { requestLine := { meth
ptcl : {22:24:33.814} : SIP_Steps.ttcn : 009440 : Tack.start(3.0); // Timer is started: durat
ptcl : {22:24:33.830} : SIP_Steps.ttcn : 009442 : /* MISMATCH: incorrect content in the rece
ptcl : {22:24:33.845} : SIP_Steps.ttcn : 009447 : SIPP.receive(Response Response_1XX_r_1 :=
ptcl : {22:24:33.877} : SIP_Steps.ttcn : 009442 : SIPP.receive(Response Response_200_r_1 :=
ptcl : {22:24:33.877} : SIP_Steps.ttcn : 009443 : Tack.stop; // Timer is stopped: elapsed 63
ptcl : {22:24:33.893} : SIP_Steps.ttcn : 009444 : setverdict(pass);
ptcl : {22:24:33.893} : SIP_Steps.ttcn : 007980 : TSync.start(3.0); // Timer is started: dur
ptcl : {22:24:33.893} : SIP_Steps.ttcn : 007981 : cpA.send(charstring CM_Init_OK := "Init OK"
mtc : {22:24:36.736} : SIP_Steps.ttcn : 011198 : Tack.timeout;
mtc : {22:24:36.736} : SIP_Steps.ttcn : 011199 : setverdict(inconcl);
mtc : {22:24:36.736} : // CASE SIP_CC_PR_TR_SE_V_005 FINISHED
mtc : {22:24:36.736} : // VERDICT SIP_CC_PR_TR_SE_V_005 INCONCL
```

Socket listener:

```
Via: SIP/2.0/UDP 192.168.0.143:5061;brancl
Received from IUT to UDP2:5061 at 22:24:33:
<<<
SIP/2.0 100 Trying
Call-ID: 45c8e66191f7c9be@192.168.0.143
CSeq: 2 REGISTER
From: TCA 2 <sip:202@192.168.0.4>;tag=3af
To: TCA 2 <sip:202@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5061;brancl
Server: Sip Express router (0.9.6 (i386/i
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feed

Received from IUT to UDP2:5061 at 22:24:33:
<<<
SIP/2.0 200 OK
Call-ID: 45c8e66191f7c9be@192.168.0.143
CSeq: 2 REGISTER
From: TCA 2 <sip:202@192.168.0.4>;tag=3af
To: TCA 2 <sip:202@192.168.0.4>;tag=8f437f
Via: SIP/2.0/UDP 192.168.0.143:5061;brancl
Contact: <sip:202@192.168.0.143:5061>;trans
Server: Sip Express router (0.9.6 (i386/i
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feed

Received from IUT to UDP1:5060 at 22:25:3.
<<<
SIP/2.0 408 Request Timeout
Call-ID: 058e8e648da0df9b@192.168.0.143
CSeq: 22 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=dfd355
To: TCA <sip:201@192.168.0.4>;tag=68c6174j
Via: SIP/2.0/UDP 192.168.0.143:5060;brancl
Server: Sip Express router (0.9.6 (i386/i
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feed
```

TEST CASE EXECUTION COMPLETE (VERDICT: INCONCL)

```
//////
////// TEST CASE EXECUTION COMPLETE (VERDICT: INCONCL)
//////
////// (inout Cseq p1 := { fieldName := CSEQ_E, seqNumber := 22, method := "REGISTER" }, in p2
//////
////// CONTROL PART EXECUTION COMPLETE
//////
***** TEST EXECUTION SUMMARY *****
SIP_CC_PR_TR_SE_V_001 = FAIL
SIP_CC_PR_TR_SE_V_002 = PASS
SIP_CC_PR_TR_SE_V_003 = PASS
SIP_CC_PR_TR_SE_V_004 = PASS
SIP_CC_PR_TR_SE_V_005 = INCONCL
```

Pass	Fail	Inconcl	None	Error	Total
3	1	1	0	0	5

Stop | Close

Execution trace



Test: SIP Proxy Suite: eugene

File Edit Run Tools Help

Mode: Evaluation Condition: Report

FAIL

SIP tests ended

#	Test configuration	Fail
1	CC_PR_TR_SE_V_001	Fail
2	CC_PR_TR_SE_V_002	Pass
3	CC_PR_TR_SE_V_003	Pass
4	CC_PR_TR_SE_V_004	Pass
5	CC_PR_TR_SE_V_005	Fail
6	CC_PR_TR_SE_V_005	Fail

#	Parameter name	Parameter description	Parameter value	Verdict
1	PX_UDP	Set to True if UDP is used to run the campaign	true	-
2	PC_UAS		false	-
3	PC_UAC		false	-
4	PC_UA	Does the IUT behave as a UA?	false	-
5	PC_PROXY	Does the IUT behave as a Proxy?	true	-
6	PC_STATELESS	Is the IUT a stateless PROXY (otherwise stateful)?	false	-
7	PC_REDIRECTS	Does the IUT behave as a Redirect Server?	false	-
8	PC_REGISTRATION	Does the IUT support Registration procedure?	false	-
9	PC_PRECONFIGURED_REGISTRAR	Does the IUT use its own configuration to determine its registrar address?	false	-
10	PC_ADDR_RECORD_REGISTRAR	Does the IUT use address-of-record to determine its registrar address?	false	-
11	PC_MULTICAST_REGISTRAR	Does the IUT use multicast address to determine its registrar address?	false	-

Local IP addresses
192.168.0.143 (Local Area Connection 4)
10.0.0.5 (Local Area)

Test parameters
SIP Suite Configuration
Inactivity timer: 5s Maximum delay: 5s

Trace options
 Show while testing Socket listener
 Log mismatches Indentation
 Log source lines Short packets
 Log SIP packets Log hex data
 PICS/PIXIT

Log file options
Save: None Write mode: Overwrite
Log filename: d:\temp\log01.sip

Completed 10:26 PM 3/26/2007

Test results

Log sample

 *** MODULE PARAMETER LIST

```

modulepar
{
  boolean PX_UDP := true;
  boolean PC_UAS := false;
  boolean PC_UAC := false;
  boolean PC_UA := false;
  boolean PC_PROXY := true;
  boolean PC_STATELESS := false;
  boolean PC_REDIRECTS := false;
  boolean PC_REGISTRATION := false;
  boolean PC_PRECONFIGURED_REGISTRAR := false;
  boolean PC_ADDR_RECORD_REGISTRAR := false;
  boolean PC_MULTICAST_REGISTRAR := false;
  boolean PC_THIRD_PARTY := true;
  boolean PC_SHOULD := true;
  boolean PC_REDIRECTION := false;
  boolean PC_FORK := true;
  charstring PX_ETS_DISP_NAME := "TCA";
  charstring PX_ETS_IPADDR := "192.168.0.143";
  integer PX_ETS_PORT := 5060;
  charstring PX_ETS_DISP_NAME2 := "TCA 2";
  charstring PX_ETS_IPADDR2 := "192.168.0.143";
  integer PX_ETS_PORT2 := 5061;
  charstring PX_ETS_IPADDR3 := "192.168.0.143";
  integer PX_ETS_PORT3 := 5062;
  charstring PX_PROXY_IPADDR := "192.168.0.105";
  integer PX_PROXY_PORT := 5060;
  charstring PX_ETS_LOCAL_USER := "201";
  charstring PX_ETS_LOCAL_DOMAIN := "192.168.0.4";
  charstring PX_ETS_LOCAL_USER2 := "202";
  charstring PX_ETS_LOCAL_USER2_TEL := "202";
  charstring PX_ETS_LOCAL_DOMAIN2 := "192.168.0.4";
  charstring PX_ETS_UNAUTHORIZED_USER := "default_ets_unauthorized_user";
  charstring PX_ETS_LOCAL_THIRD_USER := "203";
  charstring PX_IUT_IPADDR := "192.168.0.4";
  integer PX_IUT_PORT := 5060;
  charstring PX_IUT_HOME_DOMAIN := "192.168.0.4";
  charstring PX_IUT_IPADDR2 := "192.168.0.4";
  integer PX_IUT_PORT2 := 5060;
}

```



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```
charstring PX_IUT_IPADDR3 := "192.168.0.4";
integer PX_IUT_PORT3 := 5060;
charstring PX_TE_CALLEE_USERINFO := "70021";
charstring PX_TE_CALLEE_DOMAIN := "192.168.0.4";
boolean PX_HOME_REGISTRATION := false;
boolean PX_PR_MTC_REGISTRATION := true;
boolean PX_PR_PTC_REGISTRATION := true;
float PX_T1 := 0.5;
float PX_T2 := 4.0;
float PX_T4 := 5.0;
float PX_TWAIT := 30.0;
float PX_TACK := 3.0;
float PX_TRESP := 50.0;
float PX_TNOACT := 2.5;
float PX_TSYNC := 5.0;
float PX_TGUARD := 90.0;
float PX_TRespRetention := 0.1;
float SHORT_REGISTRATION := 0.0;
charstring PX_TRANSPORT := "UDP";
charstring PX_DELTA_REGISTRATION := "3600";
charstring PX_UNKNOWN_IPADDR := "10.1.1.1";
charstring PX_UNKNOWN_DOMAIN := "10.1.1.1";
charstring PX_UNKNOWN_USERINFO := "default_unknown_userinfo";
charstring PX_AMBIGUOUS_USERINFO := "u";
boolean PX_REGISTRATION_AUTHENTICATION_ENABLED := true;
charstring PX_RFC2617_USERNAME := "201";
charstring PX_RFC2617_USERNAME2 := "202";
charstring PX_RFC2617_PASSWD := "201";
charstring PX_RFC2617_PASSWD2 := "202";
charstring PX_REALM := "sip";
charstring PX_QOP := "auth";
charstring PX_SDPBODY := "v=0
o=voicessession 12345 12345 IN IP4 193.174.154.20
s=Voice Session
c=IN IP4 195.174.154.20
t=0 0
m=audio 8500 RTP/AVP 0
a=rtpmap:0 PCMU/8000";
charstring PX_SDPBODY2 := "v=0
o=voicessession 12345 12345 IN IP4 193.174.154.20
s=Voice Session
c=IN IP4 195.174.154.20
t=0 0
m=audio 8500 RTP/AVP 0
a=rtpmap:0 PCMU/8000";
charstring PX_SDPBODY_UNSUPPORTED := "v=0
o=voicessession 12345 12345 IN IP4 193.174.154.20
s=Voice Session
c=IN IP4 195.174.154.20
t=0 0
m=audio 8500 RTP/AVP 0
a=rtpmap:0 PCMU/8000";
charstring PX_SDPBODY_65535 := "v=0
o=voicessession 12345 12345 IN IP4 193.174.154.20
s=Voice Session
c=IN IP4 195.174.154.20
t=0 0
m=audio 8500 RTP/AVP 0
a=rtpmap:0 PCMU/8000";
charstring PX_SDPBODY_TOO_LARGE := "v=0
o=voicessession 12345 12345 IN IP4 193.174.154.20
s=Voice Session
c=IN IP4 195.174.154.20
t=0 0
m=audio 8500 RTP/AVP 0
a=rtpmap:0 PCMU/8000";
charstring PX_CONTENCOD_UNSUPPORTED := "default_unknown_contencod_unsupported";
charstring PX_LANGUAGE_UNSUPPORTED := "default_unknown_language_unsupported";
charstring PX_OPTION_UNSUPPORTED := "default_unknown_option_unsupported";
charstring PX_SIPURL_PARAM_ID := "0";
charstring PX_SIPURL_PARAM_VALUE := "0";
} // End of module parameter list.

control : {18:13:52.503} : // Time: 18:13:52.503. Date: 15/Apr/2007. MOT version: TC: 2.56.0.RC6.

*****
*** RUNNING TEST CASE SIP_RG_RR_V_006
*** (inout CSeq p1 := { fieldName := CSEQ_E, seqNumber := 0, method := "INVITE" })

mtc : {18:13:57.589} : // CASE SIP_RG_RR_V_006 STARTED
mtc : {18:13:57.589} : SIP_Steps.ttcn : 007815 : map(locComp:SIPP, loc_system:UDP1);
mtc : {18:13:57.604} : SIP_Registration.ttcn : 002257 : SIPP.send(REGISTER_Request : REGISTER_Request_s_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 333 OCTETS
```



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```
>>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Contact: TCA <sip:201@192.168.0.143:5060>
Content-Length: 0
CSeq: 1 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk234de7ad4e75875f

>>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:57.620} : SIP_Steps.ttcn : 009613 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:13:57.870} : SIP_Steps.ttcn : 009615 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_401_r_1);
mtc : {18:13:57.901} : SIP_Steps.ttcn : 009660 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_407_r_1);
mtc : {18:13:57.917} : SIP_Steps.ttcn : 009705 : SIPP.receive(Response : Response_1XX_r_1
/*
-----*/
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>>
SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 1 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk234de7ad4e75875f
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:57.933} : SIP_Steps.ttcn : 009615 : SIPP.receive(Response : Response_401_r_1
/*
-----*/
ENCODED VALUE IN TEXT FORMAT: 622 OCTETS
>>>>>
SIP/2.0 401 Unauthorized
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 1 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.1eb4
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk234de7ad4e75875f
WWW-Authenticate: Digest realm="192.168.0.4", nonce="46224261de36426bf39ff00dfccca98ad59644b1"
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:57.933} : SIP_Steps.ttcn : 009619 : Tack.stop; // Timer is stopped: elapsed 313 ms.
mtc : {18:13:57.948} : SIP_Steps.ttcn : 013351 : log("Cannot acquire value for algorithm from credentials.
Set default MD5");
mtc : {18:13:57.964} : SIP_Steps.ttcn : 013359 : log("Cannot acquire value for opaque from credentials.");
mtc : {18:13:57.980} : SIP_Steps.ttcn : 009658 : SIPP.send(Request : $inline
/*
-----*/
ENCODED VALUE IN TEXT FORMAT: 600 OCTETS
>>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Authorization: Digest
username="201",realm="192.168.0.4",nonce="46224261de36426bf39ff00dfccca98ad59644b1",uri="sip:192.168.0.4:50
60",response="39a4eafd031e4cd5f523b7f0ecd5f3ac",algorithm=MD5,cnonce="01234567890abcdef01234567890abcdef",q
op=auth,opaque="",nc=00000001
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Contact: TCA <sip:201@192.168.0.143:5060>
Content-Length: 0
CSeq: 2 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk6a7ae56ab03105f7

>>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:57.980} : SIP_Steps.ttcn : 009727 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:13:58.058} : SIP_Steps.ttcn : 009729 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_REGISTER_200_r_1);
```



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```
mtc : {18:13:58.074} : SIP_Steps.ttcn : 009737 : SIPP.receive(Response : Response_1XX_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>
SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 2 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk6a7ae56ab03105f7
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"
>>>>
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.199} : SIP_Steps.ttcn : 009729 : SIPP.receive(Response : Response_REGISTER_200_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 568 OCTETS
>>>>
SIP/2.0 200 OK
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 2 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=58972d7c1c35cf29
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.b52b
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk6a7ae56ab03105f7
Contact: <sip:201@192.168.0.143:5060>;expires=3600
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"
>>>>
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.199} : SIP_Steps.ttcn : 009733 : Tack.stop; // Timer is stopped: elapsed 219 ms.
mtc : {18:13:58.214} : SIP_Steps.ttcn : 009734 : setverdict(pass);
mtc : {18:13:58.230} : SIP_Registration.ttcn : 002305 : SIPP.send(REGISTER_Request : REGISTER_Request_s_3
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 290 OCTETS
>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Content-Length: 0
CSeq: 3 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk541292d5abd77f70
>>>>
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.246} : SIP_Steps.ttcn : 009613 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:13:58.308} : SIP_Steps.ttcn : 009615 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_401_r_1);
mtc : {18:13:58.308} : SIP_Steps.ttcn : 009660 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_407_r_1);
mtc : {18:13:58.324} : SIP_Steps.ttcn : 009705 : SIPP.receive(Response : Response_1XX_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>
SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 3 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk541292d5abd77f70
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5448 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"
>>>>
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.340} : SIP_Steps.ttcn : 009615 : SIPP.receive(Response : Response_401_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 622 OCTETS
>>>>
SIP/2.0 401 Unauthorized
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
```



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```
CSeq: 3 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.fa57
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk541292d5abd77f70
WWW-Authenticate: Digest realm="192.168.0.4", nonce="46224261de36426bf39ff00dfccca98ad59644b1"
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5448 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.340} : SIP_Steps.ttcn : 009619 : Tack.stop; // Timer is stopped: elapsed 94 ms.
mtc : {18:13:58.371} : SIP_Steps.ttcn : 013351 : log("Cannot acquire value for algorithm from credentials.
Set default MD5");
mtc : {18:13:58.371} : SIP_Steps.ttcn : 013359 : log("Cannot acquire value for opaque from credentials.");
mtc : {18:13:58.387} : SIP_Steps.ttcn : 009658 : SIPP.send(Request : $inline
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 557 OCTETS
>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Authorization: Digest
username="201",realm="192.168.0.4",nonce="46224261de36426bf39ff00dfccca98ad59644b1",uri="sip:192.168.0.4:50
60",response="39a4eafd031e4cd5f523b7f0ecd5f3ac",algorithm=MD5,cnonce="01234567890abcdef01234567890abcdef",q
op=auth,opaque="",nc=00000001
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Content-Length: 0
CSeq: 4 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk75ff9b59244fa5e8

>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.402} : SIP_Steps.ttcn : 009727 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:13:58.433} : SIP_Steps.ttcn : 009729 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusline.statusCode'. */ SIPP.receive(Response : Response_REGISTER_200_r_1);
mtc : {18:13:58.449} : SIP_Steps.ttcn : 009737 : SIPP.receive(Response : Response_1XX_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>
SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 4 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk75ff9b59244fa5e8
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.465} : SIP_Steps.ttcn : 009729 : SIPP.receive(Response : Response_REGISTER_200_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 568 OCTETS
>>>>
SIP/2.0 200 OK
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 4 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=46a2a6dfa73f5dd9
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.7ce8
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk75ff9b59244fa5e8
Contact: <sip:201@192.168.0.143:5060>;expires=3600
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.465} : SIP_Steps.ttcn : 009733 : Tack.stop; // Timer is stopped: elapsed 63 ms.
mtc : {18:13:58.465} : SIP_Steps.ttcn : 009734 : setverdict(pass);
mtc : {18:13:58.480} : SIP_Registration.ttcn : 002337 : setverdict(pass);
mtc : {18:13:58.496} : SIP_Steps.ttcn : 009232 : SIPP.send(REGISTER_Request : REGISTER_Request_s_2
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 314 OCTETS
>>>>
```



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REGISTER sip:192.168.0.4:5060 SIP/2.0
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Contact: *
Content-Length: 0
CSeq: 5 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8

>>>>

-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.496} : SIP_Steps.ttcn : 009242 : TResp.start(50.0); // Timer is started: duration 50 s.
mtc : {18:13:58.543} : SIP_Steps.ttcn : 011225 : TAck.start(3.0); // Timer is started: duration 3 s.
mtc : {18:13:58.543} : SIP_Steps.ttcn : 011227 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_401_r_1);
mtc : {18:13:58.559} : SIP_Steps.ttcn : 011272 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_407_r_1);
mtc : {18:13:58.559} : SIP_Steps.ttcn : 011319 : SIPP.receive(Response : Response_1XX_r_1
/*

ENCODED VALUE IN TEXT FORMAT: 478 OCTETS

>>>>

SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 5 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>

-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.574} : SIP_Steps.ttcn : 011227 : SIPP.receive(Response : Response_401_r_1
/*

ENCODED VALUE IN TEXT FORMAT: 622 OCTETS

>>>>

SIP/2.0 401 Unauthorized
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 5 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.0f10
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8
WWW-Authenticate: Digest realm="192.168.0.4", nonce="46224261de36426bf39ff00dfccca98ad59644b1"
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>

-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.574} : SIP_Steps.ttcn : 011231 : TAck.stop; // Timer is stopped: elapsed 31 ms.
mtc : {18:13:58.606} : SIP_Steps.ttcn : 013351 : log("Cannot acquire value for algorithm from credentials.
Set default MD5");
mtc : {18:13:58.606} : SIP_Steps.ttcn : 013359 : log("Cannot acquire value for opaque from credentials.");
mtc : {18:13:58.621} : SIP_Steps.ttcn : 011269 : SIPP.send(Request : \$inline
/*

ENCODED VALUE IN TEXT FORMAT: 581 OCTETS

>>>>

REGISTER sip:192.168.0.4:5060 SIP/2.0
Authorization: Digest
username="201", realm="192.168.0.4", nonce="46224261de36426bf39ff00dfccca98ad59644b1", uri="sip:192.168.0.4:5060", response="39a4eafd031e4cd5f523b7f0ecd5f53ac", algorithm=MD5, cnonce="01234567890abcdef01234567890abcdef", q
op=auth, opaque="", nc=00000001
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
Contact: *
Content-Length: 0
CSeq: 6 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8

>>>>

-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.621} : SIP_Steps.ttcn : 009451 : TAck.start(3.0); // Timer is started: duration 3 s.



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```
mtc : {18:13:58.653} : SIP_Steps.ttcn : 009453 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_200_r_1);
mtc : {18:13:58.653} : SIP_Steps.ttcn : 009458 : SIPP.receive(Response : Response_1XX_r_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>>
SIP/2.0 100 Trying
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 6 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>>
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.668} : SIP_Steps.ttcn : 009453 : SIPP.receive(Response : Response_200_r_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 516 OCTETS
>>>>>
SIP/2.0 200 OK
Call-ID: 3e9edd3ee08fa9ac@192.168.0.143
CSeq: 6 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=3ab1054c8a91a4aa
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.0f10
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK2d3ce65d287081c8
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>>
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:13:58.668} : SIP_Steps.ttcn : 009454 : Tack.stop; // Timer is stopped: elapsed 47 ms.
mtc : {18:13:58.684} : SIP_Steps.ttcn : 009455 : setverdict(pass);
mtc : {18:13:58.700} : // CASE SIP_RG_RR_V_006 FINISHED
mtc : {18:13:58.700} : // VERDICT SIP_RG_RR_V_006 PASS

////////////////////////////////////
/// TEST CASE EXECUTION COMPLETE (VERDICT: PASS)
/// (inout CSeq p1 := { fieldName := CSEQ_E, seqNumber := 6, method := "REGISTER" })

*****
*** RUNNING TEST CASE SIP_RG_RR_V_007
*** (inout CSeq p1 := { fieldName := CSEQ_E, seqNumber := 6, method := "REGISTER" })

mtc : {18:14:03.769} : // CASE SIP_RG_RR_V_007 STARTED
mtc : {18:14:03.769} : SIP_Steps.ttcn : 007815 : map(locComp:SIPP, loc_system:UDP1);
mtc : {18:14:03.785} : SIP_Registration.ttcn : 002367 : SIPP.send(REGISTER_Request : REGISTER_Request_s_2
/*-----
ENCODED VALUE IN TEXT FORMAT: 345 OCTETS
>>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
Contact: TCA <sip:201@192.168.0.143:5060>
Content-Length: 0
CSeq: 7 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK5be25209601d3edc

>>>>>
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:03.816} : SIP_Steps.ttcn : 009613 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:14:03.832} : SIP_Steps.ttcn : 009615 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_401_r_1);
mtc : {18:14:03.848} : SIP_Steps.ttcn : 009660 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_407_r_1);
mtc : {18:14:03.863} : SIP_Steps.ttcn : 009705 : SIPP.receive(Response : Response_1XX_r_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>>
SIP/2.0 100 Trying
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 7 REGISTER
```



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From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK5be25209601d3edc
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5448 req_src_ip=192.168.0.143 req_src_port=5060 in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

```
>>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:03.879} : SIP_Steps.ttcn : 009615 : SIPP.receive(Response : Response_401_r_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 622 OCTETS
>>>>>
SIP/2.0 401 Unauthorized
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 7 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.7a13
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bK5be25209601d3edc
WWW-Authenticate: Digest realm="192.168.0.4", nonce="462242678404f0933307277ead4ba7d197bc9b46"
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5448 req_src_ip=192.168.0.143 req_src_port=5060 in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"
```

```
>>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:03.879} : SIP_Steps.ttcn : 009619 : TAck.stop; // Timer is stopped: elapsed 63 ms.
mtc : {18:14:03.895} : SIP_Steps.ttcn : 013351 : log("Cannot acquire value for algorithm from credentials.
Set default MD5");
mtc : {18:14:03.910} : SIP_Steps.ttcn : 013359 : log("Cannot acquire value for opaque from credentials.");
mtc : {18:14:03.942} : SIP_Steps.ttcn : 009658 : SIPP.send(Request : $inline
/*-----
ENCODED VALUE IN TEXT FORMAT: 612 OCTETS
>>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Authorization: Digest
username="201", realm="192.168.0.4", nonce="462242678404f0933307277ead4ba7d197bc9b46", uri="sip:192.168.0.4:5060", response="21b3fd7ff68c18c415cc26813bc4b77c", algorithm=MD5, cnonce="01234567890abcdef01234567890abcdef", qop=auth, opaque="", nc=00000001
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
Contact: TCA <sip:201@192.168.0.143:5060>
Content-Length: 0
CSeq: 8 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bKkafa3ac18e8a9d17d
```

```
>>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:03.973} : SIP_Steps.ttcn : 009727 : TAck.start(3.0); // Timer is started: duration 3 s.
mtc : {18:14:03.973} : SIP_Steps.ttcn : 009729 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_REGISTER_200_r_1);
mtc : {18:14:03.989} : SIP_Steps.ttcn : 009737 : SIPP.receive(Response : Response_1XX_r_1
/*-----
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>>
SIP/2.0 100 Trying
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 8 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bKkafa3ac18e8a9d17d
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060 in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"
```

```
>>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.004} : SIP_Steps.ttcn : 009729 : /* MISMATCH: missing content in the received value.
Mismatching field: 'T.msgHeader.contact'. */ SIPP.receive(Response : Response_REGISTER_200_r_1);
mtc : {18:14:04.020} : SIP_Steps.ttcn : 009737 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_1XX_r_1);
mtc : {18:14:04.020} : SIP_Steps.ttcn : 009741 : SIPP.receive(Response : $any
/*-----
ENCODED VALUE IN TEXT FORMAT: 516 OCTETS
```



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```
>>>>
SIP/2.0 200 OK
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 8 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=22057742b6c16ebb
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.073f
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bkafa3ac18e8a9d17d
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5449 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.020} : SIP_Steps.ttcn : 009742 : all timer.stop;
mtc : {18:14:04.020} : SIP_Steps.ttcn : 009743 : setverdict(fail);
mtc : {18:14:04.051} : SIP_Steps.ttcn : 009232 : SIPP.send(REGISTER_Request : REGISTER_Request_s_2
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 314 OCTETS
>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
Contact: *
Content-Length: 0
CSeq: 9 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=eaaff27e5441c06
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk1070cff12255f90d

>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.051} : SIP_Steps.ttcn : 009242 : TResp.start(50.0); // Timer is started: duration 50 s.
mtc : {18:14:04.051} : SIP_Steps.ttcn : 011225 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:14:04.114} : SIP_Steps.ttcn : 011227 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_401_r_1);
mtc : {18:14:04.129} : SIP_Steps.ttcn : 011272 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_407_r_1);
mtc : {18:14:04.145} : SIP_Steps.ttcn : 011319 : SIPP.receive(Response : Response_1XX_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 478 OCTETS
>>>>
SIP/2.0 100 Trying
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 9 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=eaaff27e5441c06
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk1070cff12255f90d
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5451 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.161} : SIP_Steps.ttcn : 011227 : SIPP.receive(Response : Response_401_r_1
/*-----*/
ENCODED VALUE IN TEXT FORMAT: 622 OCTETS
>>>>
SIP/2.0 401 Unauthorized
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 9 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=eaaff27e5441c06
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.6627
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hG4bk1070cff12255f90d
WWW-Authenticate: Digest realm="192.168.0.4", nonce="462242678404f0933307277ead4ba7d197bc9b46"
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5451 req_src_ip=192.168.0.143 req_src_port=5060
in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.161} : SIP_Steps.ttcn : 011231 : Tack.stop; // Timer is stopped: elapsed 110 ms.
mtc : {18:14:04.176} : SIP_Steps.ttcn : 013351 : log("Cannot acquire value for algorithm from credentials.
Set default MD5");
mtc : {18:14:04.176} : SIP_Steps.ttcn : 013359 : log("Cannot acquire value for opaque from credentials.");
mtc : {18:14:04.192} : SIP_Steps.ttcn : 011269 : SIPP.send(Request : $inline
/*-----*/
```



HERMON LABORATORIES

```

ENCODED VALUE IN TEXT FORMAT: 582 OCTETS
>>>>
REGISTER sip:192.168.0.4:5060 SIP/2.0
Authorization: Digest
username="201", realm="192.168.0.4", nonce="462242678404f0933307277ead4ba7d197bc9b46", uri="sip:192.168.0.4:5060", response="21b3fd7ff68c18c415cc26813bc4b77c", algorithm=MD5, cnonce="01234567890abcdef01234567890abcdef", qop=auth, opaque="", nc=00000001
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
Contact: *
Content-Length: 0
CSeq: 10 REGISTER
Expires: 0
From: TCA <sip:201@192.168.0.4>;tag=eaaeff27e5441c06
Max-Forwards: 70
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hg4bk1070cff12255f90d

```

```

>>>>
-----*/
) to { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.208} : SIP_Steps.ttcn : 009451 : Tack.start(3.0); // Timer is started: duration 3 s.
mtc : {18:14:04.208} : SIP_Steps.ttcn : 009453 : /* MISMATCH: incorrect content in the received value.
Mismatching field: 'T.statusLine.statusCode'. */ SIPP.receive(Response : Response_200_r_1);
mtc : {18:14:04.223} : SIP_Steps.ttcn : 009458 : SIPP.receive(Response : Response_1XX_r_1
/*-----*/

```

```

ENCODED VALUE IN TEXT FORMAT: 479 OCTETS
>>>>
SIP/2.0 100 Trying
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 10 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=eaaeff27e5441c06
To: TCA <sip:201@192.168.0.4>
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hg4bk1070cff12255f90d
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060 in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

```

```

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.223} : SIP_Steps.ttcn : 009453 : SIPP.receive(Response : Response_200_r_1
/*-----*/

```

```

ENCODED VALUE IN TEXT FORMAT: 517 OCTETS
>>>>
SIP/2.0 200 OK
Call-ID: 98b9bc78b0b58cb6@192.168.0.143
CSeq: 10 REGISTER
From: TCA <sip:201@192.168.0.4>;tag=eaaeff27e5441c06
To: TCA <sip:201@192.168.0.4>;tag=8f437b1b1b18a9df8243fa501c824be8.6627
Via: SIP/2.0/UDP 192.168.0.143:5060;branch=z9hg4bk1070cff12255f90d
Server: Sip Express router (0.9.6 (i386/linux))
Content-Length: 0
Warning: 392 192.168.0.4:5060 "Noisy feedback tells: pid=5453 req_src_ip=192.168.0.143 req_src_port=5060 in_uri=sip:192.168.0.4:5060 out_uri=sip:192.168.0.4:5060 via_cnt==1"

```

```

>>>>
-----*/
) from { host := "192.168.0.4", portField := 5060 };
mtc : {18:14:04.223} : SIP_Steps.ttcn : 009454 : Tack.stop; // Timer is stopped: elapsed 15 ms.
mtc : {18:14:04.223} : SIP_Steps.ttcn : 009455 : setverdict(pass);
mtc : {18:14:04.255} : // CASE SIP_RG_RR_V_007 FINISHED
mtc : {18:14:04.255} : // VERDICT SIP_RG_RR_V_007 FAIL

```

```

////////////////////////////////////
/// TEST CASE EXECUTION COMPLETE (VERDICT: FAIL)
/// (inout CSeq pl := { fieldName := CSEQ_E, seqNumber := 10, method := "REGISTER" })

```

```

////////////////////////////////////
/// CONTROL PART EXECUTION COMPLETE

```

```

*****
*** TEST EXECUTION SUMMARY

```

```

SIP_RG_RR_V_006 = PASS
SIP_RG_RR_V_007 = FAIL

```

Pass	Fail	Inconc	None	Error	Total
1	1	0	0	0	2