

使用RADIUS，分配PPP会话和空闲超时

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简介

此配置合并一个Windows 95/98/NT客户端用在模拟线路拨到接入服务器的调制解调器。用户登录由在路由器的以太网段的RADIUS服务器验证并且授权。在本文的Cisco Secure UNIX和Windows配置文件使用标准的互联网工程任务组(IETF)属性会话和空闲超时。值是以秒钟。

本文在NAS不提供逐步配置说明为拨号接入或AAA。欲知更多信息，参考[配置拨入客户端的基本的AAA RADIUS](#)。

先决条件

要求

本文档没有任何特定的要求。

使用的组件

本文档中的信息基于以下软件和硬件版本：

- Cisco IOS软件版本12.0(5.5)T
- Cisco Secure UNIX版本2.2.3
- Cisco接入服务器2511

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

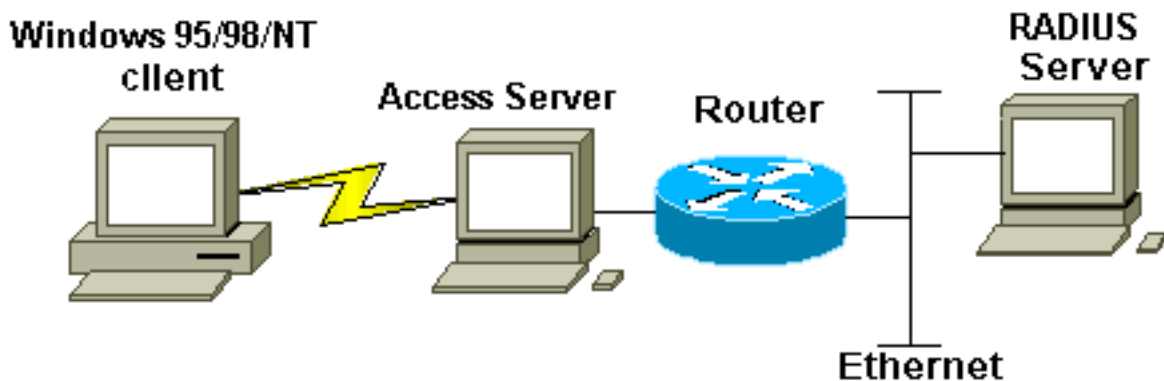
规则

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

配置

网络图

本文档使用此图所示的网络设置。



配置

本文档使用此处所示的配置。

- [Cisco Secure UNIX : RADIUS配置文件](#)
- [Cisco Secure ACS for Windows](#)
- [路由器 A](#)

Cisco Secure UNIX : RADIUS配置文件

```
# ./ViewProfile -p 9900 -u radtime User Profile
Information user = radtime{ profile_id = 99
profile_cycle = 2 member = raj radius=IETF {
check_items= { 2=cisco } reply_attributes= { 6=2 7=1
27=180 28=60 } } }
```

[Cisco Secure ACS for Windows](#)

完成这些步骤配置Windows的Cisco Secure通过空闲超时到NAS。

1. 点击**User Setup**按钮在左柱状图。
2. 去有问题的用户。
3. 在IETF中RADIUS属性区分，选择**服务类型(属性6) =Framed**和**帧协议(从下拉菜单的属性7)=PPP**。**注意：**您必须也单击在选定属性旁边查找的复选框：服务类型和帧协议。
4. 单击左侧栏上的 **Group Setup** 按钮。选择用户所属的组并单击 **Edit Settings**。
5. 在互联网工程任务组(IETF) RADIUS属性的部分，请点击在属性27 **Session-timeout**和属性28 **Idle-timeout**旁边查找的复选框。在每个属性旁边指定每超时的所需的值(以秒钟)在方框。

路由器 A

```

Current configuration:
!
version 12.0
service timestamps debug datetime msec
service timestamps log uptime
no service password-encryption
!
hostname router_a
!
no logging console
!--- AAA configuration. The authorization statement is
needed !--- to pass timeout values from ACS to the NAS.
aaa new-model aaa authentication ppp default if-needed
group radius aaa authorization network default group
radius username john password doe enable password cisco
! ip subnet-zero no ip domain-lookup ! cns event-service
server ! ! interface Ethernet0 ip address 171.68.201.53
255.255.255.0 no ip directed-broadcast no ip route-cache
no ip mroute-cache no cdp enable ! interface Serial0 no
ip address no ip directed-broadcast no ip mroute-cache
shutdown no fair-queue no cdp enable ! interface Group-
Async1 ip unnumbered Ethernet0 no ip directed-broadcast
encapsulation ppp no ip route-cache no ip mroute-cache
dialer in-band async mode dedicated peer default ip
address pool default no cdp enable ppp authentication
pap group-range 1 16 ! ip local pool default 10.1.1.1 ip
classless ip route 0.0.0.0 0.0.0.0 171.68.201.1 ip route
171.68.0.0 255.255.0.0 171.68.201.1 ! !--- Specify the
RADIUS server host and key. radius-server host
171.68.171.9 auth-port 1645 acct-port 1646 radius-server
key ontop ! line con 0 exec-timeout 0 0 timeout login
response 60 transport input pad v120 telnet rlogin udptn
line 1 16 autoselect during-login autoselect ppp modem
InOut transport input all speed 115200 line aux 0
timeout login response 60 line vty 0 4 exec-timeout 0 0
timeout login response 5 password cisco ! end

```

验证

本部分所提供的信息可用于确认您的配置是否正常工作。

[命令输出解释程序工具](#) ([仅限注册用户](#)) 支持某些 **show** 命令，使用此工具可以查看对 **show** 命令输出的分析。

- **show dialer interface async 1** —显示关于为按需拨号路由(DDR)拨号配置文件配置的接口的信息。
- **show interfaces async 1** —显示serial interfaces信息。

此**show**命令输出展示如何验证会话和空闲超时正确地下载。思科建议您运行命令几次。这允许您观察计数器减少。

```

router#show dialer interface async 1 Async1 - dialer type = IN-BAND ASYNC NO-PARITY !--- Check
to see that the idletime is 60 seconds for this interface. !--- This was configured in the
RADIUS server. Idle timer (60 sec), Fast idle timer (20 secs) Wait for carrier (30 secs), Re-
enable (15 secs) Dialer state is data link layer up Time until disconnect 40 secs (radtime) Dial
String Successes Failures Last DNIS Last status router#show interface async 1 Async1 is up, line
protocol is up Hardware is Async Serial Interface is unnumbered. Using address of Ethernet0
(171.68.201.53) MTU 1500 bytes, BW 115 Kbit, DLY 100000 usec, reliability 253/255, txload 1/255,
rxload 1/255 Encapsulation PPP, loopback not set Keepalive not set DTR is pulsed for 5 seconds
on reset !--- The session (absolute) and idletime decreases. Time to interface disconnect:

```

```
absolute 00:02:41, idle 00:00:36 LCP Open Open: IPCP Last input 00:00:18, output 00:00:18,
output hang never Last clearing of "show interface" counters 3w0d Input queue: 1/75/0
(size/max/drops); Total output drops: 0 Queueing strategy: weighted fair Output queue:
0/1000/64/0 (size/max total/threshold/drops) Conversations 0/1/16 (active/max active/max total)
Reserved Conversations 0/0 (allocated/max allocated) 5 minute input rate 0 bits/sec, 0
packets/sec 5 minute output rate 0 bits/sec, 0 packets/sec 3543 packets input, 155629 bytes, 0
no buffer Received 0 broadcasts, 0 runts, 0 giants, 0 throttles 46 input errors, 46 CRC, 0
frame, 0 overrun, 0 ignored, 0 abort 1903 packets output, 44205 bytes, 0 underruns 0 output
errors, 0 collisions, 44 interface resets 0 output buffer failures, 0 output buffers swapped out
0 carrier transitions router#show interface async 1 Async1 is up, line protocol is up Hardware
is Async Serial Interface is unnumbered. Using address of Ethernet0 (171.68.201.53) MTU 1500
bytes, BW 115 Kbit, DLY 100000 usec, reliability 255/255, txload 1/255, rxload 1/255
Encapsulation PPP, loopback not set Keepalive not set DTR is pulsed for 5 seconds on reset !---
The user is disconnected because the session !--- timeout (absolute) is reached. Time to
interface disconnect: absolute 00:00:00, idle 00:00:56 LCP Open Open: IPCP Last input 00:00:02,
output 00:00:03, output hang never Last clearing of "show interface" counters 3w0d Input queue:
1/75/0 (size/max/drops); Total output drops: 0 Queueing strategy: weighted fair Output queue:
0/1000/64/0 (size/max total/threshold/drops) Conversations 0/1/16 (active/max active/max total)
Reserved Conversations 0/0 (allocated/max allocated) 5 minute input rate 0 bits/sec, 1
packets/sec 5 minute output rate 0 bits/sec, 0 packets/sec 3674 packets input, 163005 bytes, 0
no buffer Received 0 broadcasts, 0 runts, 0 giants, 0 throttles 46 input errors, 46 CRC, 0
frame, 0 overrun, 0 ignored, 0 abort 1984 packets output, 49146 bytes, 0 underruns 0 output
errors, 0 collisions, 44 interface resets 0 output buffer failures, 0 output buffers swapped out
0 carrier transitions
```

故障排除

本部分提供的信息可用于对配置进行故障排除。

故障排除命令

注意： 在发出 `debug` 命令之前，请参阅[有关 Debug 命令的重要信息](#)。

- `debug ppp authentication` —显示认证协议消息。这些消息包括质询验证协议(CHAP)信息包交换和密码认证协议交换。
- `debug ppp协商`—显示在PPP启动期间传送的点对点协议(PPP)数据包，PPP选项协商。
- `debug aaa authorization` —显示关于AAA/RADIUS授权的信息。
- `debug radius` - 显示与 RADIUS 关联的详细调试信息。

路由器调试

此debug输出表示成功的连接。

```
*Mar 22 21:11:02.797: AAA: parse name=tty1 idb type=10 tty=1
*Mar 22 21:11:02.801: AAA: name=tty1 flags=0x11 type=4 shelf=0
slot=0 adapter=0 port=1 channel=0
*Mar 22 21:11:02.801: AAA/MEMORY: create_user (0x57F3A8) user='' ruser=''
port='tty1' rem_addr='async' authen_type=ASCII service=LOGIN priv=1
*Mar 22 21:11:02.833: AAA/MEMORY: free_user (0x57F3A8) user='' ruser=''
port='tty1' rem_addr='async' authen_type=ASCII service=LOGIN priv=1
*Mar 22 21:11:02.909: As1 IPCP: Install route to 10.1.1.1
*Mar 22 21:11:04.869: As1 LCP: I CONFREQ [Closed] id 0 len 23
*Mar 22 21:11:04.873: As1 LCP: ACCM 0x00000000 (0x020600000000)
*Mar 22 21:11:04.877: As1 LCP: MagicNumber 0x00005F22 (0x050600005F22)
*Mar 22 21:11:04.877: As1 LCP: PFC (0x0702)
*Mar 22 21:11:04.881: As1 LCP: ACFC (0x0802)
*Mar 22 21:11:04.881: As1 LCP: Callback 6 (0x0D0306)
*Mar 22 21:11:04.885: As1 LCP: Lower layer not up, Fast Starting
```

```

*Mar 22 21:11:04.889: As1 PPP: Treating connection as a callin
*Mar 22 21:11:04.889: As1 PPP: Phase is ESTABLISHING, Passive Open
*Mar 22 21:11:04.893: As1 LCP: State is Listen
*Mar 22 21:11:04.897: As1 AAA/AUTHOR/FSM: (0): LCP succeeds trivially
*Mar 22 21:11:04.901: As1 LCP: O CONFREQ [Listen] id 104 len 24
*Mar 22 21:11:04.901: As1 LCP:   ACCM 0x000A0000 (0x0206000A0000)
*Mar 22 21:11:04.905: As1 LCP:   AuthProto PAP (0x0304C023)
*Mar 22 21:11:04.909: As1 LCP:   MagicNumber 0x812C7E0C (0x0506812C7E0C)
*Mar 22 21:11:04.913: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:04.913: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:04.917: As1 LCP: O CONFREQ [Listen] id 0 len 7
*Mar 22 21:11:04.921: As1 LCP:   Callback 6 (0x0D0306)
3w0d: %LINK-3-UPDOWN: Interface Async1, changed state to up
*Mar 22 21:11:06.897: As1 LCP: TIMEOUT: State REQsent
*Mar 22 21:11:06.901: As1 LCP: O CONFREQ [REQsent] id 105 len 24
*Mar 22 21:11:06.901: As1 LCP:   ACCM 0x000A0000 (0x0206000A0000)
*Mar 22 21:11:06.905: As1 LCP:   AuthProto PAP (0x0304C023)
*Mar 22 21:11:06.909: As1 LCP:   MagicNumber 0x812C7E0C (0x0506812C7E0C)
*Mar 22 21:11:06.909: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:06.913: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:07.045: As1 LCP: I CONFACK [REQsent] id 105 len 24
*Mar 22 21:11:07.049: As1 LCP:   ACCM 0x000A0000 (0x0206000A0000)
*Mar 22 21:11:07.053: As1 LCP:   AuthProto PAP (0x0304C023)
*Mar 22 21:11:07.057: As1 LCP:   MagicNumber 0x812C7E0C (0x0506812C7E0C)
*Mar 22 21:11:07.057: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:07.061: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:07.821: As1 LCP: I CONFREQ [ACKrcvd] id 0 len 23
*Mar 22 21:11:07.825: As1 LCP:   ACCM 0x00000000 (0x020600000000)
*Mar 22 21:11:07.829: As1 LCP:   MagicNumber 0x00005F22 (0x050600005F22)
*Mar 22 21:11:07.829: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:07.833: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:07.833: As1 LCP:   Callback 6 (0x0D0306)
*Mar 22 21:11:07.837: As1 LCP: O CONFREQ [ACKrcvd] id 0 len 7
*Mar 22 21:11:07.841: As1 LCP:   Callback 6 (0x0D0306)
*Mar 22 21:11:07.957: As1 LCP: I CONFREQ [ACKrcvd] id 1 len 20
*Mar 22 21:11:07.961: As1 LCP:   ACCM 0x00000000 (0x020600000000)
*Mar 22 21:11:07.961: As1 LCP:   MagicNumber 0x00005F22 (0x050600005F22)
*Mar 22 21:11:07.965: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:07.969: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:07.969: As1 LCP: O CONFACK [ACKrcvd] id 1 len 20
*Mar 22 21:11:07.973: As1 LCP:   ACCM 0x00000000 (0x020600000000)
*Mar 22 21:11:07.977: As1 LCP:   MagicNumber 0x00005F22 (0x050600005F22)
*Mar 22 21:11:07.977: As1 LCP:   PFC (0x0702)
*Mar 22 21:11:07.981: As1 LCP:   ACFC (0x0802)
*Mar 22 21:11:07.985: As1 LCP: State is Open
*Mar 22 21:11:07.985: As1 PPP: Phase is AUTHENTICATING, by this end
*Mar 22 21:11:08.245: As1 LCP: I IDENTIFY [Open] id 2 len 18 magic
    0x00005F22 MSRASV4.00
*Mar 22 21:11:08.249: As1 LCP: I IDENTIFY [Open] id 3 len 31 magic
    0x00005F22 MSRAS-1-RAJESH-SECURITY
*Mar 22 21:11:08.253: As1 PAP: I AUTH-REQ id 30 len 18 from "radtime"
*Mar 22 21:11:08.265: As1 PAP: Authenticating peer radtime
*Mar 22 21:11:08.269: AAA: parse name=Async1 idb type=10 tty=1
*Mar 22 21:11:08.273: AAA: name=Async1 flags=0x11 type=4 shelf=0 slot=0
    adapter=0 port=1 channel=0
*Mar 22 21:11:08.273: AAA/MEMORY: create_user (0x57F3A8) user='radtime' ruser=''
    port='Async1' rem_addr='async' authen_type=PAP service=PPP priv=1
*Mar 22 21:11:08.281: RADIUS: ustruct sharecount=1
*Mar 22 21:11:08.285: RADIUS: Initial Transmit Async1 id 109 172.16.171.9:1645,
    Access-Request, len 77
*Mar 22 21:11:08.289: Attribute 4 6 AB44C935 *Mar 22 21:11:08.293: Attribute 5 6 00000001 *Mar
22 21:11:08.293: Attribute 61 6 00000000 *Mar 22 21:11:08.297: Attribute 1 9 72616474 *Mar 22
21:11:08.297: Attribute 2 18 486188E4 *Mar 22 21:11:08.301: Attribute 6 6 00000002 *Mar 22
21:11:08.301: Attribute 7 6 00000001 *Mar 22 21:11:08.329: RADIUS: Received from id 109

```

```
172.16.171.9:1645, Access-Accept, len 44 *Mar 22 21:11:08.333: Attribute 6 6 00000002 *Mar 22
21:11:08.333: Attribute 7 6 00000001 *Mar 22 21:11:08.337: Attribute 27 6 000000B4 *Mar 22
21:11:08.337: Attribute 28 6 0000003C
```

属性值对(AVPs)从debug radius命令需要解码。这帮助您改善了解在NAS和RADIUS服务器之间的处理。

注意：自Cisco IOS软件版本12.2(11)T，输出debug radius命令已经解码。它不要求使用[Output Interpreter Tool \(仅限注册用户\)](#)解码输出。参考的[RADIUS调试增强](#)欲知更多信息。

[Output Interpreter Tool \(仅限注册用户\)](#)允许您接收debug radius命令输出的分析。

输出以斜体字是从[Output Interpreter Tool](#)得到的结果(仅限注册用户)：

```
Access-Request 172.16.171.9:1645 id 109
Attribute Type 4:  NAS-IP-Address is 171.68.201.53
Attribute Type 5:  NAS-Port is 1
Attribute Type 61: NAS-Port-Type is Asynchronous
Attribute Type 1:  User-Name is radt
Attribute Type 2:  User-Password is (encoded)
Attribute Type 6:  Service-Type is Framed
Attribute Type 7:  Framed-Protocol is PPP
Access-Accept 172.16.171.9:1645 id 109
Attribute Type 6:  Service-Type is Framed
Attribute Type 7:  Framed-Protocol is PPP
Attribute Type 27: Session-Timeout is 180 seconds Attribute Type 28: Idle-Timeout is 60 seconds
注意会话超时是180秒，并且空闲超时是60秒。
```

```
*Mar 22 21:11:08.345: RADIUS: saved authorization data for user 57F3A8 at 5AB9A4
*Mar 22 21:11:08.349: As1 AAA/AUTHOR/LCP: Authorize LCP
*Mar 22 21:11:08.353: As1 AAA/AUTHOR/LCP (2107569326): Port='Async1'
  list='' service=NET
*Mar 22 21:11:08.353: AAA/AUTHOR/LCP: As1 (2107569326) user='radtime'
*Mar 22 21:11:08.357: As1 AAA/AUTHOR/LCP (2107569326): send AV service=ppp
*Mar 22 21:11:08.357: As1 AAA/AUTHOR/LCP (2107569326): send AV protocol=lcp
*Mar 22 21:11:08.361: As1 AAA/AUTHOR/LCP (2107569326): found list "default"
*Mar 22 21:11:08.365: As1 AAA/AUTHOR/LCP (2107569326): Method=radius (radius)
*Mar 22 21:11:08.369: As1 AAA/AUTHOR (2107569326): Post authorization
  status = PASS_REPL
*Mar 22 21:11:08.369: As1 AAA/AUTHOR/LCP: Processing AV service=ppp
  !--- The session timeout and idle timeouts are applied to the interface. *Mar 22 21:11:08.373:
As1 AAA/AUTHOR/LCP: Processing AV timeout=180 *Mar 22 21:11:08.633: As1 AAA/AUTHOR/LCP:
Processing AV idletime=60 *Mar 22 21:11:09.049: As1 PAP: O AUTH-ACK id 30 len 5 *Mar 22
21:11:09.053: As1 PPP: Phase is UP *Mar 22 21:11:09.057: As1 AAA/AUTHOR/FSM: (0): Can we start
IPCP? *Mar 22 21:11:09.061: As1 AAA/AUTHOR/FSM (1853995855): Port='Async1' list='' service=NET
*Mar 22 21:11:09.061: AAA/AUTHOR/FSM: As1 (1853995855) user='radtime' *Mar 22 21:11:09.065: As1
AAA/AUTHOR/FSM (1853995855): send AV service=ppp *Mar 22 21:11:09.065: As1 AAA/AUTHOR/FSM
(1853995855): send AV protocol=ip *Mar 22 21:11:09.069: As1 AAA/AUTHOR/FSM (1853995855): found
list "default" *Mar 22 21:11:09.073: As1 AAA/AUTHOR/FSM (1853995855): Method=radius (radius)
*Mar 22 21:11:09.077: As1 AAA/AUTHOR (1853995855): Post authorization status = PASS_REPL *Mar 22
21:11:09.077: As1 AAA/AUTHOR/FSM: We can start IPCP *Mar 22 21:11:09.085: As1 IPCP: O CONFREQ
[Closed] id 19 len 10 *Mar 22 21:11:09.089: As1 IPCP: Address 171.68.201.53 (0x0306AB44C935)
*Mar 22 21:11:09.177: As1 CCP: I CONFREQ [Not negotiated] id 4 len 10 *Mar 22 21:11:09.181: As1
CCP: MS-PPC supported bits 0x00000001 (0x120600000001) *Mar 22 21:11:09.185: As1 LCP: O PROTREJ
[Open] id 106 len 16 protocol CCP (0x80FD0104000A120600000001) *Mar 22 21:11:09.189: As1 IPCP: I
CONFREQ [REQsent] id 5 len 40 *Mar 22 21:11:09.193: As1 IPCP: CompressType VJ 15 slots
CompressSlotID (0x0206002D0F01) *Mar 22 21:11:09.197: As1 IPCP: Address 0.0.0.0 (0x030600000000)
*Mar 22 21:11:09.201: As1 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000) *Mar 22 21:11:09.205: As1
IPCP: PrimaryWINS 0.0.0.0 (0x820600000000) *Mar 22 21:11:09.209: As1 IPCP: SecondaryDNS 0.0.0.0
(0x830600000000) *Mar 22 21:11:09.213: As1 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000) *Mar 22
21:11:09.213: As1 AAA/AUTHOR/IPCP: Start. Her address 0.0.0.0, we want 10.1.1.1 *Mar 22
21:11:09.217: As1 AAA/AUTHOR/IPCP: Processing AV service=ppp *Mar 22 21:11:09.221: As1
```

AAA/AUTHOR/IPCP: Authorization succeeded *Mar 22 21:11:09.221: As1 AAA/AUTHOR/IPCP: Done. Her address 0.0.0.0, we want 10.1.1.1 *Mar 22 21:11:09.229: As1 IPCP: O CONFREJ [REQsent] id 5 len 34 *Mar 22 21:11:09.229: As1 IPCP: CompressType VJ 15 slots CompressSlotID (0x0206002D0F01) *Mar 22 21:11:09.233: As1 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000) *Mar 22 21:11:09.237: As1 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000) *Mar 22 21:11:09.241: As1 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000) *Mar 22 21:11:09.245: As1 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000) *Mar 22 21:11:09.249: As1 IPCP: I CONFACK [REQsent] id 19 len 10 *Mar 22 21:11:09.253: As1 IPCP: Address 171.68.201.53 (0x0306AB44C935) *Mar 22 21:11:09.673: As1 IPCP: I CONFREQ [ACKrcvd] id 6 len 10 *Mar 22 21:11:09.677: As1 IPCP: Address 0.0.0.0 (0x030600000000) *Mar 22 21:11:09.681: As1 AAA/AUTHOR/IPCP: Start. Her address 0.0.0.0, we want 10.1.1.1 *Mar 22 21:11:09.685: As1 AAA/AUTHOR/IPCP: Processing AV service=ppp *Mar 22 21:11:09.685: As1 AAA/AUTHOR/IPCP: Authorization succeeded *Mar 22 21:11:09.689: As1 AAA/AUTHOR/IPCP: Done. Her address 0.0.0.0, we want 10.1.1.1 *Mar 22 21:11:09.693: As1 IPCP: O CONFNAK [ACKrcvd] id 6 len 10 *Mar 22 21:11:09.697: As1 IPCP: Address 10.1.1.1 (0x03060A010101) *Mar 22 21:11:09.813: As1 IPCP: I CONFREQ [ACKrcvd] id 7 len 10 *Mar 22 21:11:09.817: As1 IPCP: Address 10.1.1.1 (0x03060A010101) *Mar 22 21:11:09.821: As1 AAA/AUTHOR/IPCP: Start. Her address 10.1.1.1, we want 10.1.1.1 *Mar 22 21:11:09.825: As1 AAA/AUTHOR/IPCP (1344088998): Port='Async1' list='' service=NET *Mar 22 21:11:09.829: AAA/AUTHOR/IPCP: As1 (1344088998) user='radtime' *Mar 22 21:11:09.833: As1 AAA/AUTHOR/IPCP (1344088998): send AV service=ppp *Mar 22 21:11:09.833: As1 AAA/AUTHOR/IPCP (1344088998): send AV protocol=ip *Mar 22 21:11:09.837: As1 AAA/AUTHOR/IPCP (1344088998): send AV addr*10.1.1.1 *Mar 22 21:11:09.837: As1 AAA/AUTHOR/IPCP (1344088998): found list "default" *Mar 22 21:11:09.841: As1 AAA/AUTHOR/IPCP (1344088998): Method=radius (radius) *Mar 22 21:11:09.845: As1 AAA/AUTHOR (1344088998): Post authorization status = PASS_REPL *Mar 22 21:11:09.849: As1 AAA/AUTHOR/IPCP: Reject 10.1.1.1, using 10.1.1.1 *Mar 22 21:11:09.853: As1 AAA/AUTHOR/IPCP: Processing AV service=ppp *Mar 22 21:11:09.857: As1 AAA/AUTHOR/IPCP: Processing AV addr*10.1.1.1 *Mar 22 21:11:09.857: As1 AAA/AUTHOR/IPCP: Authorization succeeded *Mar 22 21:11:09.861: As1 AAA/AUTHOR/IPCP: Done. Her address 10.1.1.1, we want 10.1.1.1 *Mar 22 21:11:09.865: As1 IPCP: O CONFACK [ACKrcvd] id 7 len 10 *Mar 22 21:11:09.869: As1 IPCP: Address 10.1.1.1 (0x03060A010101) *Mar 22 21:11:09.873: As1 IPCP: State is Open *Mar 22 21:11:09.885: As1 IPCP: Install route to 10.1.1.1 3w0d: %LINEPROTO-5-UPDOWN: Line protocol on Interface Async1, changed state to up

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