

TS-1060: Avaya RSP Protocol For 8700 SMDR Capture

Comm One LLC - Technical Support Documentation

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5:40 AM

This is how you would receive the CDR from S8700.

1. On avaya create a CDR service

change ip-service :

```
"CDR1 c-lan 0 cdr 5005 "
```

2. Create the ip of the PC which captures the CDR

change node-name ip:

```
"cdr 192.168.xx .xx "
```

3. Make the necessary changes on the cdr form as given below:

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CDR SYSTEM PARAMETERS

Node Number (Local PBX ID): CDR Date Format: month/day
Primary Output Format: customized Primary Output Endpoint: CDR1
Secondary Output Format:
Use ISDN Layouts? n
Use Enhanced Formats? n Condition Code 'T' For Redirected Calls? n
Modified Circuit ID Display? n Remove # From Called Number? y
Record Outgoing Calls Only? y Intra-switch CDR? n
Suppress CDR for Ineffective Call Attempts? y Outg Trk Call Splitting? y
Disconnect Information in Place of FRL? n Outg Attd Call Record? y
Interworking Feat-flag? n
Force Entry of Acct Code for Calls Marked on Toll Analysis Form? n
Calls to Hunt Group - Record: member-ext
Record Called Vector Directory Number Instead of Group or Member? n
Record Agent ID on Incoming? n Record Agent ID on Outgoing? y

Record Non-Call-Assoc TSC? n Call Record Handling Option: warning
Record Call-Assoc TSC? n Digits to Record for Outgoing Calls: dialed
Privacy - Digits to Hide: 0 CDR Account Code Length: 15
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CDR SYSTEM PARAMETERS

Data Item - Length Data Item - Length Data Item - Length

```
1: date - 6 17: line-feed - 1 33: -  
2: space - 1 18: - 34: -  
3: time - 1 19: - 35: -  
4: space - 1 20: - 36: -  
5: sec-dur - 5 21: - 37: -  
6: space - 1 22: - 38: -  
7: dialed-num - 23 23: - 39: -  
8: space - 1 24: - 40: -  
9: cig-num/in-tac - 15 25: - 41: -  
10: space - 1 26: - 42: -  
11: auth-code - 13 27: - 43: -  
12: space - 1 28: - 44: -  
13: code-used - 4 29: - 45: -  
14: space - 1 30: - 46: -  
15: calling-num - 15 31: - 47: -  
16: return - 1 32: - 48: -
```

Record length = 91

4. Install the Avaya RDTT software on your system and run the server executable part. Give the port same as the port mentioned in the Avaya.

You can specify the path the file to be dumped in a text format. The format can be changed as mentioned above in the "change system-parameter cdr" form.

Pasted from <<http://www.avayausers.com/showthread.php?t=627>>

Reliable Session Protocol (RSP)

What is RSP and why use it?



- Used for sending CDR data over IP connections
- Introduced in Avaya™ Call Processing Release 9.5.
- Layer 5 (session layer) protocol, designed by Avaya
- Not required, but highly recommended
- Provides added reliability to the CDR data over IP
 - Data labelling (sequence #) to prevent data loss
 - Keep alive (timer + counter) for communication integrity
- If using IP without RSP



- Need a terminal [server](#) (cost)



- Potential data loss as a result of [network](#) failure



- Application receiving CDR data from MultiVantage must also use RSP

Reliable Data Transport Tool (RDTT)



Avaya-provided tool. A package downloadable on Services web site

The RDTT tool Package includes:

- Client application (*Client.exe*)
- Server application (*Server.exe*)
- Protocol library (*Spl.dll*)
- Source code
- RSP protocol specification
- User's guide

Server: accepts and processes CDR data from MultiVantage or client, using RSP protocol.

Client: simulates Avaya MultiVantage Software by sending data records to server. Used by vendors/customers to test their own call accounting system. Runs on Windows 95/8, Windows NT and Windows 2000

Where to Get RDTT



1. Go to "<http://support.avaya.com>"
2. select "Communications [Systems](#)"
3. select "Enterprise Class IP [Solutions](#) (ECLIPS)"
4. select "DEFINITY [Enterprise Communication](#) Server (ECS)"
5. select "General Info"
6. select "Software Downloads"
7. Select the link to RSP, which is called "DEFINITY Reliable Data Transport Client/Server Tool"

Pasted from <<http://www.tek-tips.com/viewthread.cfm?qid=419535>>

DOWNLOAD LINK

<http://support.avaya.com/css/appmanager/public/support/Downloads/P1092/10.0.x/C2009071016424840875797;CSSSESSIONID=y181JMKWQ2SKHGnNzvyLpFC62Zg158ZvQPmqZ7RpQRHp1CzgZl-1689784248>