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简介

T1媒体网关(TIMG)和PBX IP媒体网关(PIMG)设备用于为了允许PBX使用Unity Connection作为他们的语音邮件系统。通信从TIMG/PIMG到Unity Connection是通过会话初始化协议(SIP)。通信从PBX到Unity Connection是通过Time Division Multiplexing (TDM)。

本文描述也许遇到与此种集成的问题。

问题

Unity Connection配置与TIMG一起使用为了集成PBX。当您呼叫PBX和振铃无应答或者转发所有呼叫对语音邮件时，呼叫去开始的问候而不是语音留言问候语。

跟踪显示：

注意： trace的一些部分重新组织是更加容易查看。

因为接收物理呼叫，TIMG撰写邀请。然而，这时，TIMG未接收从PBX的任何呼叫信息。

这时，呼叫应答了，并且呼叫方听到开始的问候。

TIMG接收从PBX的呼叫信息。这时，因为呼叫已经路由对Unity Connection，太晚。

在解析专家规则以后，呼叫信息从PBX被组织对此语句。这，在邀请，因此邀请可能适当地前，撰写应该接收。

此处TIMG在更新呼叫信息尝试操作。然而，这没有由Unity Connection接受。

```
088:01.920 [VoIP      ] Prot    <----INFO sip:14.48.13.103:5060 SIP/2.0
088:01.920 [VoIP      ] Prot    Diversion: <tel:5588>;reason=no-answer
088:01.920 [VoIP      ] Prot    Content-Type:text/source-party
088:01.920 [VoIP      ] Prot    To: "Anonymous" <sip:Anonymous@14.48.13.103:5060>;
tag=f0c09771bd2942e7a57794619f8efccd
088:01.920 [VoIP      ] Prot    From: "Anonymous" <sip:Anonymous@14.48.13.115:5060;
user=phone>;vnd.pimg.port=7;tag=42B2324631353641000A6029
088:01.920 [VoIP      ] Prot    Call-ID:01B22816147E007E00000019@14.48.13.103
088:01.920 [VoIP      ] Prot    CSeq:2 INFO
088:01.920 [VoIP      ] Prot    Max-Forwards:70
088:01.920 [VoIP      ] Prot    User-Agent:Voice Messaging
088:01.920 [VoIP      ] Prot    Via:SIP/2.0/UDP 14.48.13.115:5060;branch=z9hG4bK6
EBB9CF7420BA1A393273882D5157413
```

```

088:01.920 [VoIP      ] Prot      Content-Length:6
088:01.920 [VoIP      ] Prot
088:01.920 [VoIP      ] Prot      5286
088:01.968 [VoIP      ] Prot      088:01.920 [VoIP      ] Prot      <----INFO
sip:14.48.13.103:5060 SIP/2.0
088:01.920 [VoIP      ] Prot      Diversion: <tel:5588>;reason=no-answer
088:01.920 [VoIP      ] Prot      Content-Type:text/source-party
088:01.920 [VoIP      ] Prot      To:"Anonymous"<sip:Anonymous@14.48.13.103:5060>;
tag=f0c09771bd2942e7a57794619f8efccd
088:01.920 [VoIP      ] Prot      From:"Anonymous"<sip:Anonymous@14.48.13.115:5060;
user=phone>;vnd.pimg.port=7;tag=42B2324631353641000A6029
088:01.920 [VoIP      ] Prot      Call-ID:01B22816147E007E00000019@14.48.13.103
088:01.920 [VoIP      ] Prot      CSeq:2 INFO
088:01.920 [VoIP      ] Prot      Max-Forwards:70
088:01.920 [VoIP      ] Prot      User-Agent:Voice Messaging
088:01.920 [VoIP      ] Prot      Via:SIP/2.0/UDP 14.48.13.115:5060;branch=z9hG4bK6
EBB9CF7420BA1A393273882D5157413
088:01.920 [VoIP      ] Prot      Content-Length:6
088:01.920 [VoIP      ] Prot
088:01.920 [VoIP      ] Prot      5286
088:01.968 [VoIP      ] Prot

```

注意：trace的剩余被削了。

此处主要问题是从PBX的呼叫信息到达大约在触发将发送的邀请对Unity Connection接收的物理呼叫以后的四秒。因而呼叫滚动了对开始的问候，因为没有**转换**：在初始包含邀请对Unity Connection告诉Unity Connection到路由呼叫的什么邮箱。

解决方案

为了调整此问题，导航对**Configuration > TDM > General**，查找**最大呼叫Party迪莱(毫秒)**和更改它到一个值例如5,000毫秒。这添加五秒钟延迟，在初始邀请撰写对Unity Connection前，允许所有呼叫信息的时刻接收从PBX。

The screenshot shows the Dialogic configuration interface. The breadcrumb navigation is "Config > TDM > General". On the left is a navigation menu with various options like "Home", "Summary", "Alerts", "TDM", "VoIP", "Serial", "Call Log", "MIB-II", "Statistics", "Configuration", "Import/Export", "IP", "Mgmt Protocols", "Routing Table", "TDM", "VoIP", "Serial", "Tone Detection", "Certificates", "DGP Settings", "Registration", "Trace/Logging", "Tools", "Admin", "Web UI", "Password", "Upgrade", and "Restart".

The main content area displays the "TDM General Settings" table:

TDM General Settings	
* IPM Calling	uJan
Minimum Call Party Delay (ms)	500
Maximum Call Party Delay (ms)	5000
Dial Digit On Time (ms)	100
Dial Inter-Digit Time (ms)	100
Dial Pause Time (ms)	3000
Turn PWI On PAC	Y
Turn PWI Off PAC	N
Outbound Call Connect Timeout (ms)	10000
Mute for Ringback/Connect on Blind Transfer	Yes
* Host Group Extension	1771
Disconnect on Fax Clearhook Tone	No
Connect Outbound Call on DTMF	No

At the bottom of the table are "Submit" and "Cancel" buttons.