

# Network Announcements with SIP

IETF 51

# What is This About?

- Network Announcements
- Before Call “Accepted”
  - Routing Messages: Vacant, Changed, *etc.*
  - Warning Message: “Information” Services
- After Call Accepted
  - Information Services
  - IVR

# Method

- Use MSURI Format for Requesting an Announcement (LHS of annnc)
  - Note that this is a local convention
  - If you implement this draft, developers know how to access resources
  - If you don't implement this draft, *nothing* is broken

# Specifying What to Play

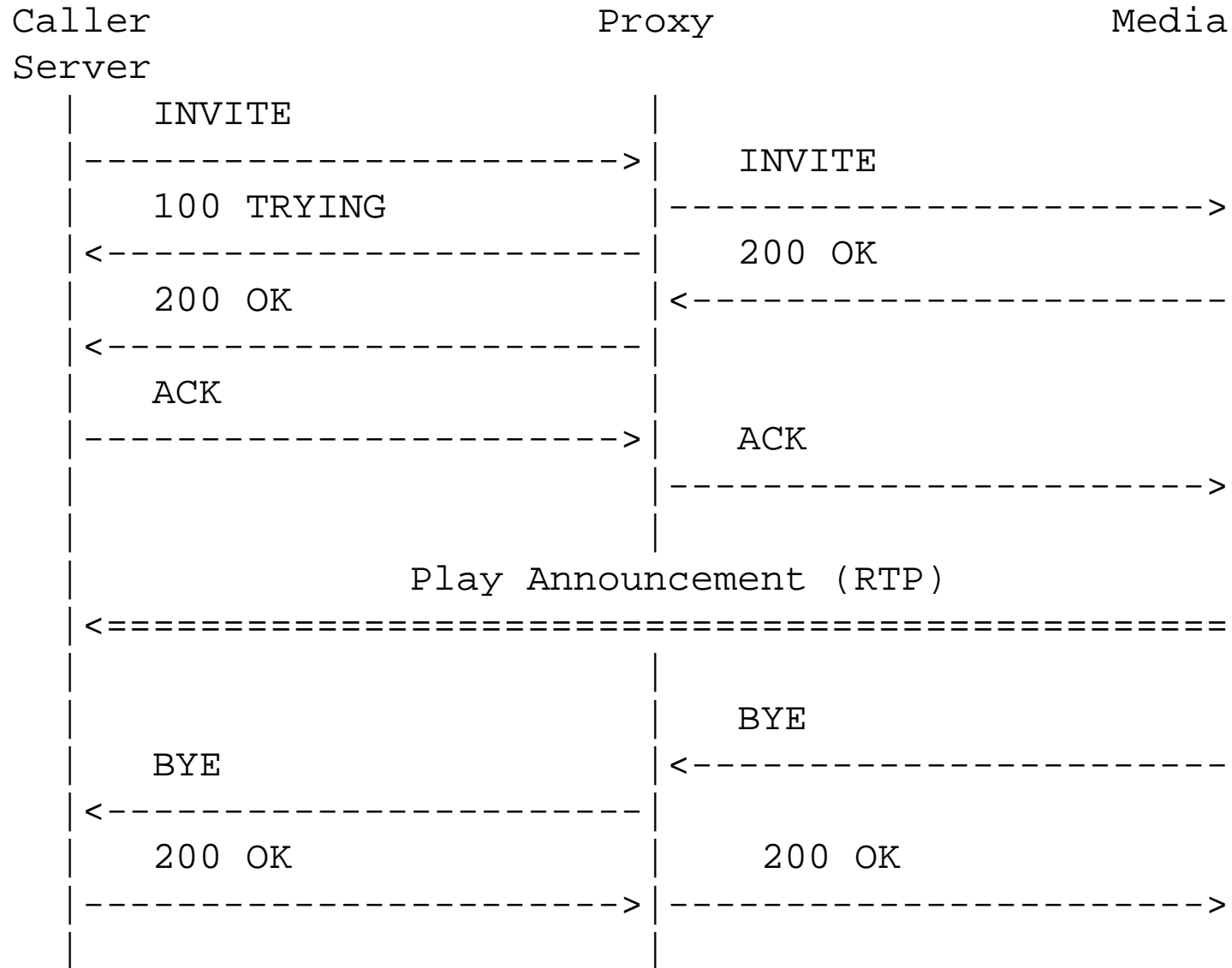
- Use Request-URI Parameters
  - Allows for REGISTER of Generic Announcement Resources
  - The Service is Announcements, Not a Specific Announcement
- URI Parameter `play=` Indicates Resource to Play
- URI Parameter `early=` Indicates Whether Prompt is Early Media or Session Media

# Examples

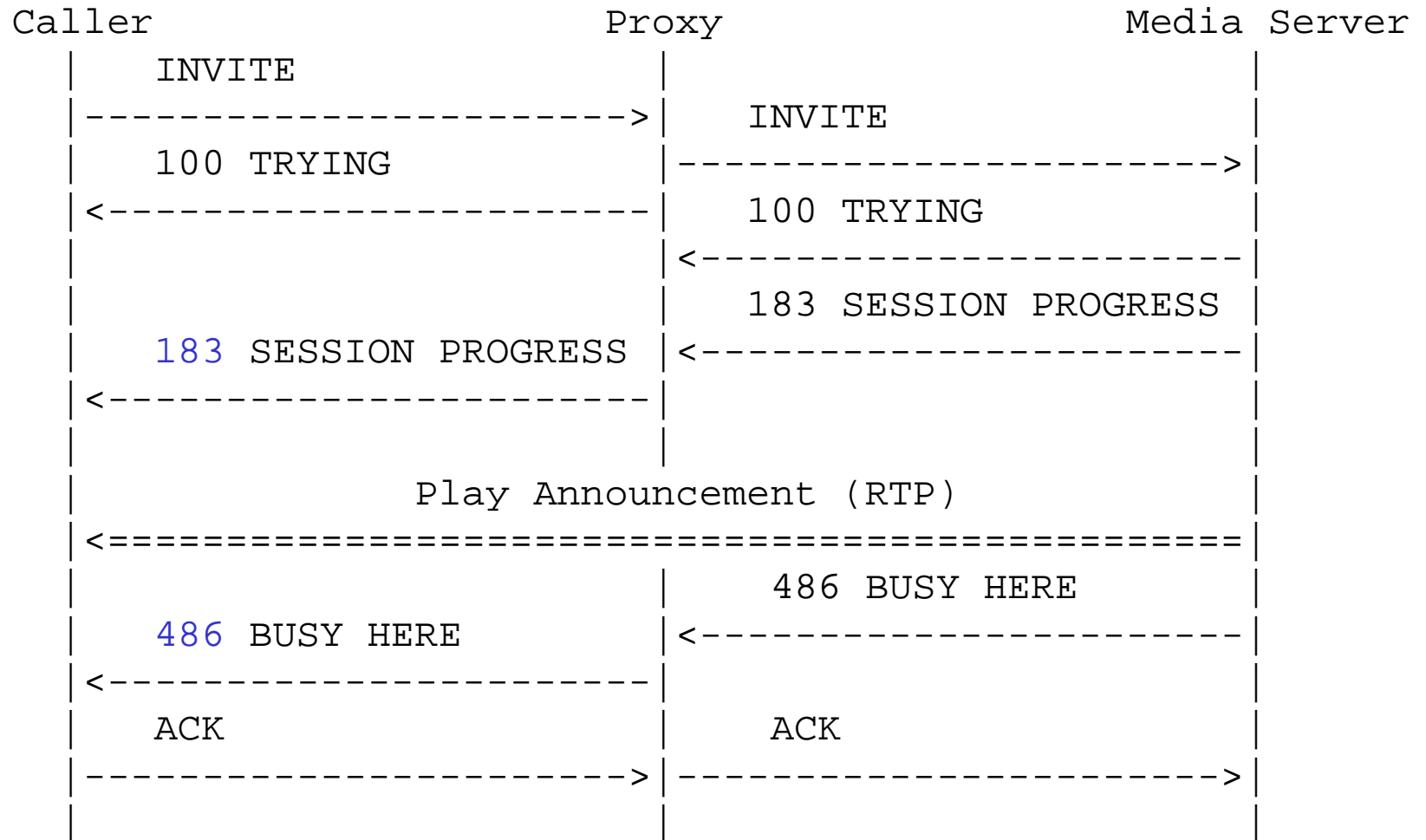
```
sip:annc@ms2.carrier.net; \  
  play=http://audio.carrier.net/allc  
  ircuitsbusy.g711; \  
  early=yes
```

```
sip:annc@ms2.carrier.net; \  
  play=file://fileserver.carrier.net  
  /gemini/yourHoroscope.wav
```

# Signaling: Session Media



# Signaling: Early Media



# Early Media List Query

- What About `draft-rosenberg-sip-early-media-00.txt`?
  - Media Server Would Look for `em` and `rel100`
  - Do Early Media Procedure Instead of Direct 183 Response
  - Rest of Signaling Flow Unchanged



# Issue: Proxy State

- Most Early Media is Under 183
- However, if non-183 (e.g. 180, 182) Progress Status or non-486 Result
  - Proxy Needs State to Replace Media Server Result Code With Actual Result Code
- Is This OK? If Not :–
  - Request-URI Parameters?
  - Cookie?
  - Call-Info?

# Changes in –01 Planned

- Tidy Abstract
- Erase Chaff on Session Media Protocol Diagram
- Drop Request-URI Password Discussion
- Reference Bis Everywhere Instead of 2543
  - 488 Reason Code
- Fix Reference to MSURI