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# Configuring Compressed Tone Files

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Perform the following steps:

- Configuring Tone Codec Entry
- Configuring Tone As Announcement Profile
- Configuring Announcement Based Tone Flag
- Attaching the Tone And Announcement Profile to the SIP Trunk Group

## Configuring the Tone Codec Entry

```
% set profiles media toneCodecEntry g711 codec g711 law ALaw
% commi
```

## Configuring Tone As Announcement Profile

```
% set profiles media toneAsAnnouncementProfile toneType defRing codecType g711u segmentId 20001
% commit
```

## Configuring Announcement Based Tones Flag

The announcementBasedTones flag must be configured either on the ERE or on the external PSX.

### ERE Configuration

```
% set profiles media toneAndAnnouncementProfile EXAMPLE localRingBackTone signalingTonePackageState  
enable flags useThisLrbtForIngress enable announcementBasedTones enable  
% commit
```

### External PSX Configuration

Figure 1: Enabling Announcement Based Flag

The screenshot shows a configuration window titled "Tone And Announcement Profile" with the following details:

- Host: 10.54.8.215 @ 4330
- Master (SWE) - V10.03.00A001
- View: Tone And Announcement Profile
- Perspective: Full View

The configuration is for profile "EXAMPLE".

**Local Ring Back Tone**

- Signaling Tone Package: 1 - DEFAULT
- Precedence: Lower (selected)
- Higher (unselected)
- Make Inband Tone Available:

**Flags**

- Force Local Ring Back Tone:
- Dynamic Local Ring Back Tone:
- Use This Local Ring Back Tone For Egress:
- Use This Local Ring Back Tone For Ingress:
- Announcement Based Tones:

**Tone And Announcement Profile**

- Announcement Package: 1 - DEFAULT
- Signaling Tone Package: 1 - DEFAULT
- Override:

Buttons at the bottom: Save, Cancel, Delete.

## Attaching the Tone And Announcement Profile to the SIP Trunk Group

The `toneAndAnnouncementProfile` must be attached to TG either on the ERE or on the external PSX.

### ERE Configuration:

```
% set addressContext default zone defaultSigZone sipTrunkGroup TG1 policy media  
toneAndAnnouncementProfile EXAMPLE packetServiceProfile DEFAULT
```

### External PSX Configuration:

Figure 2: Attaching the Tone And Announcement Profile to the TG

The screenshot displays the configuration page for a SIP Trunk Group (TG 1). The 'Tone And Announcement Profile' is set to 'EXAMPLE'. Other configuration options include Originating Carrier, PPR Profile, Pseudo Carrier, Remote Sip Peer Type, Region, Routing Criteria Profile, SCP Business Service Group, Signaling Profile, Signaling Flag (GR394 ISUP), SIP Domain, SIP Response Code Profile, TDM Type (Other), Trunk Group COS, Trunk Group COS Profile, Trunk Group Domain, Trunk Number, Zone Index Profile, ZZ Profile, Charge Band Profile, Enum Domain Profile, Flexible Variable Rule, Ingress Charge Indicator, Default CPC, Default OLIP, Dial Plan Profile, Forced OLIP Value, In DMPPM Rule, Info Transfer Capability Profile, and IP Version Preference (IPv4 Only). The interface includes a 'Save' button, a 'Cancel' button, and a 'Delete' button at the bottom.

For more information, refer to:

- [Tone Codec Entry - CLI](#)
- [Tone as Announcement Profile - CLI](#)
- [Tone and Announcement Profile - CLI](#)
- [Tones and Announcements](#)

