

# Tone and Announcement Profile - CLI

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This feature is used to provision a tone and announcement profile, which specifies an announcement package and/or signaling tone package for the SBC to use to play announcements or signaling tones to calling or called parties. Tone and announcement profiles are assigned to ingress or egress trunk groups. Also, use this feature to provision Local Ring Back Tones (LRBT) for the SBC, which the SBC plays to callers upon receipt of an alert indication without a media stream or without an indication of in-band tones.

To associate a Tone and Announcement Profile to a Trunk Group, use following syntax:

```
% set addressContext <addressContext name> zone <zone name> sipTrunkGroup <sipTrunkGroup name>
policy media toneAndAnnouncementProfile <profile name>
```

## Command Syntax

```
% set profiles media toneAndAnnouncementProfile <profile name>
localRingBackTone
signalingTonePackageState <disable | enable>
flags
announcementBasedTones <disable | enable>
dynamicLRBT <disable | enable>
forceLRBT <disable | enable>
useThisLrbtForEgress <disable | enable>
useThisLrbtForIngress <disable | enable>
makeInbandToneAvailable <disable | enable>
precedence <higher | lower>
signalingTonePackage <name>
toneAndAnnouncement
announcementPackageState <disable | enable>
announcementPackage <name>
override <disable | enable>
sigTonePackage <name>
```

## Command Parameters

### Tone and Announcement Profile Parameters

The Tone and Announcement Profile Parameters are described below.

**Table 1:** Tone and Announcement Profile Parameters

Parameter	Description
<a href="#">toneAndAnnouncementProfile</a>	Use this object to configure the Tone and Announcement Profile.
<a href="#">localRingBackTone</a>	Use this parameter to configure LRBT settings. See <a href="#">Local Ringback Tone Parameters</a> table below for parameter details.

<a href="#">toneAndAnnouncement</a>	<p>This parameter configures the Tone and Announcement package.</p> <ul style="list-style-type: none"> <li>• <a href="#">announcementPackageState</a> – Enable flag to configure the announcement package. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> </li> <li>• <a href="#">announcementPackage</a> – Enter the announcement package to use for calls associated with the specified ingress and/or egress trunk group(s).</li> <li>• <a href="#">override</a> – When profiles are assigned to both ingress and egress trunk groups, enable this flag to override settings and use this specific announcement profile for both call legs. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> </li> <li>• <a href="#">sigTonePackage</a> – Enter the signaling tone package to use for calls associated with the specified ingress and/or egress trunk group(s).</li> </ul>
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## Local Ringback Tone Parameters



### Note

To configure `localRingBackTone` options, first enable the `signalingTonePackageState` flag.



### Note

You must enable `makeInbandToneAvailable` in order to use Local Ringback Tone (LRBT).

**Table 2:** Local Ringback Tone Parameters

Parameter	Description
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<p>flags</p>	<p>Use these flags to enable/disable LRBT for egress and ingress trunk groups.</p> <ul style="list-style-type: none"> <li>• <a href="#">announcementBasedTones</a> – Use this flag to generate announcement-based ringback tones without using DSP resources. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> </li> <li>• <a href="#">dynamicLRBT</a> – Enable this flag for the SBC to select a provisional response for cut-through based on the arrival of media packets. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> <p><b>NOTE:</b> To support dynamic LRBT for forking behavior of the last provisional response till 180 is received, both this flag and the SIP Trunk Group flag "firstRtp" must be enabled. If firstRtp is enabled, but dynamicLRBT is disabled, forking behavior defaults to the last provisional response.</p> </li> <li>• <a href="#">forceLRBT</a> – Enable this flag to force the SBC to use the signaling tone package specified in this Tone and Announcement Profile, overriding any ringback tone generated/indicated by the egress end. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> </li> <li>• <a href="#">useThisLrbtForEgress</a> – Enable flag to use LRBT for egress trunk group. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul> </li> <li>• <a href="#">useThisLrbtForIngress</a> – Enable flag to use LRBT for ingress trunk group. <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a> <ul style="list-style-type: none"> <li>• <a href="#">earlyMediaMethod</a> - Used to play tone when P-Early-Media is configured as <code>pEarlyMedia</code>. The options are: <ul style="list-style-type: none"> <li>• <a href="#">pEarlyMedia</a></li> <li>• <a href="#">none</a> (default)</li> </ul> </li> <li>• <a href="#">withOrWithoutSDP</a> - Used to play tone when P-Early-Media is received in 18x response with or without SDP. The options are: <ul style="list-style-type: none"> <li>• <a href="#">enable</a></li> <li>• <a href="#">disable</a> (default)</li> </ul> </li> </ul> </li> </ul> </li> </ul>
<p>makeInbandToneAvailable</p>	<p>Enable this flag to insert an in-band tone indicator (OBCI in the case of ISUP) in a backward message (for example, ACM) when playing local ringback tones.</p> <ul style="list-style-type: none"> <li>• <a href="#">disable</a> (default)</li> <li>• <a href="#">enable</a></li> </ul>
<p>precedence</p>	<p>Set this parameter when both the ingress and egress trunk groups have a LRBT associated with them and you want to specify which trunk group has priority over the other.</p> <ul style="list-style-type: none"> <li>• <a href="#">higher</a></li> <li>• <a href="#">lower</a> (default)</li> </ul>

<code>signalingTonePackage</code>	<code>&lt;package name&gt;</code> – Enter the signaling tone package to use for calls associated with the specified ingress and/or egress trunk group(s).
<code>signalingTonePackageState</code>	Enable this flag to configure a signaling tone package. <ul style="list-style-type: none"><li>• <code>disable</code> (default)</li><li>• <code>enable</code></li></ul>

