Configuring SPRE Mode Override in IP Business Gateways

Overview

SPRE (special prefix) codes are used to map a sequence of digits to a particular functionality. For example, in a typical network, *67 can be used to block caller-ID delivery.

ADTRAN IP Business Gateways (IPBGs) operate globally in network SPRE processing mode. In this mode, digits are collected and sent to the network and the network handles the appropriate functionality.

This document describes *SPRE Mode Override.* Using this feature, the IPBG may be configured such that certain SPRE codes are collected locally and the corresponding function is acted upon.

Configuration

Currently, the only SPRE codes that can be supported locally on an ADTRAN IPBG are:

- *22 Conference (R10.9.4 and later)
- *67 Block Caller-ID delivery for this call only (A2.03.00 and later)
- *69 Call Return (A2.03.00 and later)
- *70 Disable Call Waiting on a per call basis (A2.03.00 and later)
- *72 Call last dialed number (A2.03.00 and later)
- *88 Transfer (R10.9.4 and later)

To enable one of these SPRE codes for local processing (mode override), issue the following global configuration command:

(config)#**voice spre-mode override <*NX>**

Example

In the following example, the IPBG is configured to handle the SPRE code *67 locally. Note: **voice spre-mode network** is the default & will not be seen in a non-verbose configuration output.

```
!
voice spre-mode network
!
voice spre-mode override *67
!
```