

Configuring ISDN BRI for "Anlagenanschluss" in Germany

Document ID: 10225

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Introduction

This document provides information on how to configure ISDN BRI for "Anlagenanschluss" in Germany.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

In Germany (and possibly in some other countries), local telephone companies offer an ISDN line called "Anlagenanschluss". This line, or very often a "hunt-group" of multiple lines, refers to a group of lines with the same subscriber number. Anlagenanschluss intends to connect only one ISDN device such as a private branch exchange (PBX).

Configure ISDN BRI for "Anlagenanschluss"

This section describes how you can use these ISDN lines on a Cisco router.

In order to use Anlagenanschluss on a Cisco router, configure the **isdn static-tei 0** interface configuration command on the BRI interface(s) as shown here:

```
Router# configure terminal
Router(config)# interface bri 0
Router(config-if)# isdn static-tei 0
Warning: Interface must be cleared after reconfiguring the TEI.
Router(config-if)#
```

```
!--- Issue the shutdown and no shutdown commands
!--- to activate new TEI configuration.
```

```
Router (config-if)# shutdown
Router (config-if)# no shutdown
```

Without the **isdn static-tei 0** command, the ISDN Layer 2 status gets stuck in the "TEI_ASSIGNED" state, and the output of **debug isdn q921** command repeats these two lines:

```
RX SABMEp c/r = 1 sapi = 0 tei = 0
RX IDCKRQ ri = 0 ai = 0
```

Related Information

- [Setting Up ISDN Basic Rate Service](#)
- [Access Technology Support Pages](#)
- [Technical Support & Documentation – Cisco Systems](#)

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Updated: Jan 29, 2008

Document ID: 10225
