

# Configuring ISDN BRI for "Anlagenanschluss" in Germany

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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
```

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## Related Information

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

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