

# STUN States Defined

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## Introduction

This document defines the values of the State field in **show stun** command output.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

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

### Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

## STUN States

The State field shows the status of the connection between two serial tunnel (STUN) peer routers. The State field may have one of the following values:

- **dead** Trying to open, but failing (or the connection died).
- **closed** No activity.
- **opening** Trying to open and waiting for connection.
- **openwait** Trying to open and waiting for connection.
- **open** Fully connected and able to exchange STUN data.
- **direct** Direct connection between two ports in the same box. There is no need to consider a connection state between them.

**Note:** A STUN peer connection will only become **open** when there is traffic flowing across the tunnel, otherwise it will remain **closed**. This behavior is contrary to data-link switching (DLSw), where the peers go to **connected** status as soon as there is IP connectivity between them.

# Related Information

- **Technical Support – Cisco Systems**
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