

## H323 Gateway

« MGCP Gateway ([/workbook/view/ccie-collaboration/task/mgcp-gateway-MzAyOA%3D%3D](#)) | SIP Gateway ([/workbook/view/ccie-collaboration/task/sip-gateway-MzAzMA%3D%3D](#)) »

Last updated: November 13, 2017

### Tasks

- Configure and Register R2 as IOS T1 PRI H.323 gateway to SiteB CUCM cluster. This gateway should source all its H.323 traffic from its local loopback interface.

### Configuration: [Click to collapse](#)

#### Site B – R2

```
ip domain-name ine.com Not required if it is H323 gateway
!
card type t1 0 1
isdn switch-type primary-ni
network-clock-participate wic 1
network-clock-select 1 T1 0/1/0
!
controller T1 0/1/0
  linecode b8zs default
  framing esf default
  pri-group timeslots 1-24
  no shutdown
!
interface loopback 0
  h323-gateway voip interface
  h323-gateway voip bind srcaddr 11.11.11.2
```

#### Site B – Publisher

Device > Gateway > Add New

### Gateway Configuration

Save

**Status**  
 Status: Ready

**Device Information**

Product: H.323 Gateway  
 Device Protocol: H.225  
 ⚠ Device is not trusted

Device Name\*:   
 Description:   
 Device Pool\*:

Click Save and Reset Gateway.

Find and List Gateway

**Status**  
 1 records found

**Gateways (1 - 1 of 1)** Rows per Page: 50

Find Gateways where Name begins with Hide endpoints Find Clear Filter

| Device Name | Description         | Device Pool | Calling Search Space | Device Type   | Status  | IP Address |
|-------------|---------------------|-------------|----------------------|---------------|---------|------------|
| 11.11.11.2  | Site B H323 Gateway | Default     |                      | H.323 Gateway | Unknown | 11.11.11.2 |

## Verification

```

R2#show isdn status
Global ISDN Switchtype = primary-ni
ISDN Serial0/1/0:23 interface
  dsl 0, interface ISDN Switchtype = primary-ni
  Layer 1 Status:
    ACTIVE
  Layer 2 Status:
    TEI = 0, Ces = 1, SAPI = 0, State = MULTIPLE_FRAME_ESTABLISHED
  Layer 3 Status:
    0 Active Layer 3 Call(s)
  Active dsl 0 CCBs = 0
  The Free Channel Mask: 0x807FFFFF
  Number of L2 Discards = 0, L2 Session ID = 9
  Total Allocated ISDN CCBs = 0
  
```

« MGCP Gateway (/workbook/view/ccie-collaboration/task/mgcp-gateway-MzAyOA%3D%3D) | SIP Gateway (/workbook/view/ccie-collaboration/task/sip-gateway-MzAzMA%3D%3D) »