



# Configure Service Discovery for Remote Access

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## Service Discovery Requirements

Service discovery enables clients to automatically detect and locate services on your enterprise network. Expressway for Mobile and Remote Access allows you to access the services on your enterprise network. You should meet the following requirements to enable the clients to connect through Expressway for Mobile and Remote Access and discover services:

- DNS requirements
- Certificate requirements
- Test external SRV `_collab-edge`.

## DNS Requirements

The DNS requirements for service discovery through remote access are:

- Configure a `_collab-edge` DNS SRV record on an external DNS server.
- Configure a `_cisco-uds` DNS SRV record on the internal name server.
- Optionally, for a hybrid cloud-based deployment with different domains for the IM and Presence server and the voice server, configure the Voice Services Domain to locate the DNS server with the `_collab-edge` record.



**Note** Jabber attempts connections to a maximum of three SSO-enabled servers, which are chosen randomly from all SSO-enabled servers that the DNS SRV records (`_collab-edge` and `_cisco-uds`) identify. If Jabber fails to connect three times, it considers Edge SSO unsupported.

## Certificate Requirements

Before you configure remote access, download the Cisco VCS Expressway and Cisco Expressway-E Server certificate. The Server certificate is used for both HTTP and XMPP.

For more information on configuring Cisco VCS Expressway certificate, see [Configuring Certificates on Cisco VCS Expressway](#).

## Test \_collab-edge SRV Record

### Procedure

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**Step 1** Open a command prompt.

**Step 2** Enter **nslookup**.  
The default DNS server and address is displayed. Confirm that this is the expected DNS server.

**Step 3** Enter **set type=SRV**.

**Step 4** Enter the name for each of your SRV records.

For example `_collab-edge.exampledomain`

- Displays server and address—SRV record is accessible.
  - Displays `_collab-edge.exampledomain: Non-existent domain`—There is an issue with your SRV record.
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