

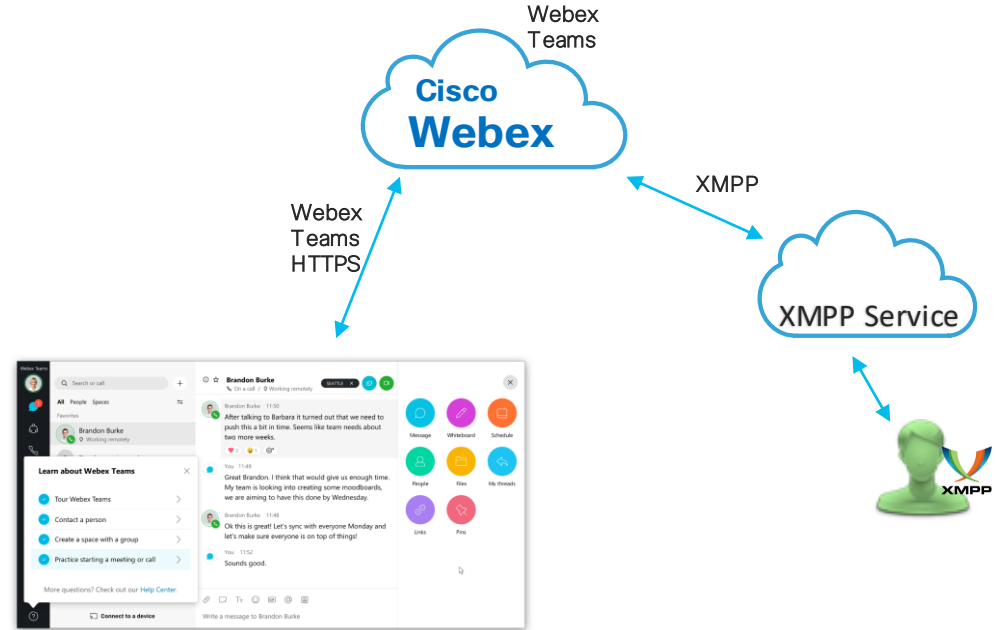


XMPP Federation in Webex Teams

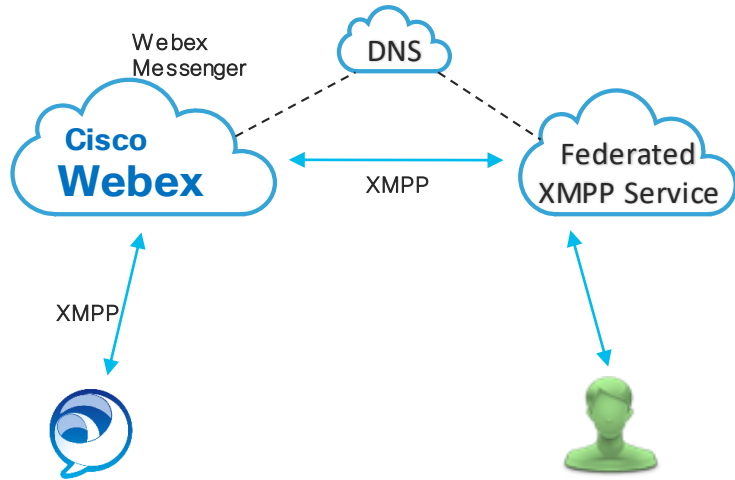
CTG
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Webex Teams XMPP Federation

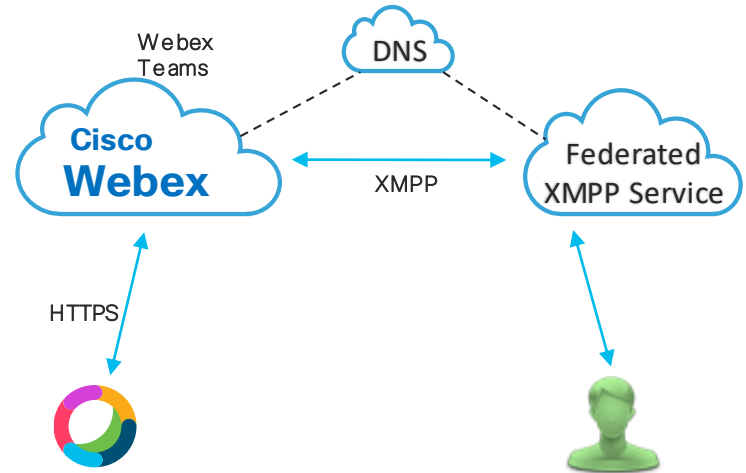
- The Webex Teams platform offers support for inter-domain XMPP federation
- Allows 1:1 messaging with users on other messaging platforms
 - Presence is not propagated to or from XMPP partners
- Direct federation or federation via intermediary messaging interop clearing house available
 - Direct to native XMPP platforms e.g. Cisco UCM IM&P
 - Via 3rd party messaging interop services



XMPP Federation: Webex Messenger and Webex Teams



Webex Messenger XMPP Federation



Webex Teams XMPP Federation

Enabling XMPP Federation for Webex Teams

1. A DNS SRV record for your Webex domain must be created, pointing to the Webex Teams federation front end (A Record). This DNS record must be resolvable from the public internet. Choose the correct A Record based on which cluster your Webex Teams is hosted in (US or Europe) This will make your organisation discoverable for XMPP federation. (If you have XMPP federation currently enabled for Webex Messenger, this record is already created, but pointing to the Webex Messenger federation service. It will need to be re-pointed to the Webex Teams federation service. **If Webex Messenger to Webex Teams interop is enabled for your domain, XMPP federation cannot be migrated to Webex Teams yet. See Interop detail later in this document.**

Cluster	SRV	A Record	Port
Europe Cluster	_xmpp-server._tcp.domain.com	wx2i-k.wbx2.com	5269
US Cluster		wx2i-a.wbx2.com	

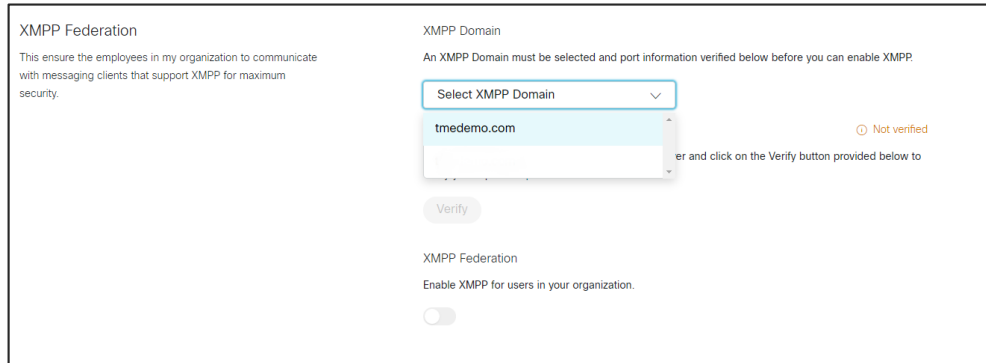
2. Test that the DNS record is discoverable
e.g. The DNS SRV Record for XMPP Federation for Webex org tmedemo.com is correctly pointing to the UC Cluster Webex Teams federation service

```
Command Prompt
C:\Users\shalong>nslookup -type=srv _xmpp-server._tcp.tmedemo.com
Server: dns-aer1.cisco.com
Address: 173.38.200.100

Non-authoritative answer:
_xmpp-server._tcp.tmedemo.com SRV service location:
  priority = 5
  weight = 0
  port = 5269
  svr hostname = wx2i-a.wbx2.com
```

Enabling XMPP Federation for Webex Teams

3. Once the DNS SRV record is correctly created, XMPP Federation can be enabled in Webex Control Hub.
 - Services > Message Settings > XMPP Federation
 - Select your domain from the drop down list and click Verify. The platform will quickly test that the DNS SRV record is discoverable and correct.



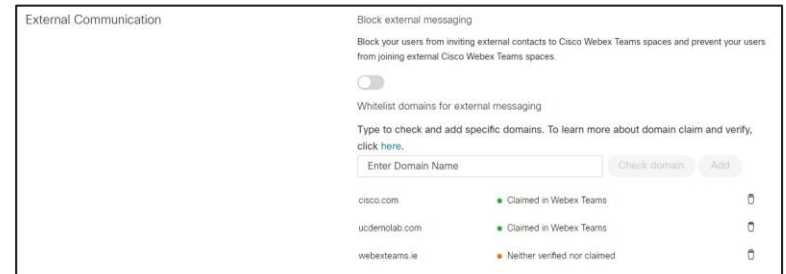
The screenshot shows the 'XMPP Federation' configuration page. On the left, there is a heading 'XMPP Federation' and a paragraph: 'This ensure the employees in my organization to communicate with messaging clients that support XMPP for maximum security.' On the right, under the heading 'XMPP Domain', there is a sub-heading 'An XMPP Domain must be selected and port information verified below before you can enable XMPP.' Below this is a dropdown menu labeled 'Select XMPP Domain' with 'tmedemo.com' selected. To the right of the dropdown, there is a status indicator 'Not verified' with a red circle icon. Below the dropdown is a 'Verify' button. At the bottom, there is a section 'XMPP Federation' with a sub-heading 'Enable XMPP for users in your organization.' and a toggle switch that is currently turned off.

4. Once the record is verified, toggle XMPP Federation on for your org

https://help.webex.com/en-us/05i99o/XMPP-Federation-for-Webex-Teams#id_129897

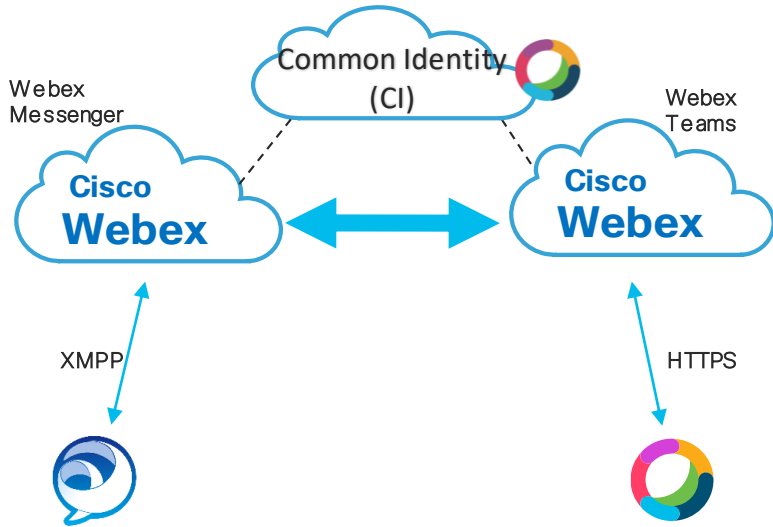
External Messaging Allow List

- Webex Teams supports Allow Listing of domains for external messaging (Webex Teams to other Webex Teams orgs **AND** Webex Teams to XMPP Federated partner)
- By default, external messaging is enabled to all domains. By implementing Allowlist, all non Allow listed domains are essentially blocked from a messaging perspective
- Allow listing is configured in Webex Control Hub
 - Settings > External Communication
 - Toggle Block external messaging to On
 - Add domains you want to allow external messaging to
 - the whitelist



- Your existing Webex Messenger Allow List can be obtained from Cisco by request

XMPP Federation for Interop Enabled Orgs



Webex Messenger to Webex Teams Messaging Interop

- Messaging Interop is available between Webex Messenger and Webex Teams orgs for migration purposes (same domain only)
- If Messaging Interop is enabled for your Webex Teams org, XMPP federation cannot be migrated to Webex Teams until all users have been migrated over to Webex Teams, and the Webex Messenger org is decommissioned.

