



## **Cisco Calling and Meeting Integration with Microsoft Teams and Slack v1**

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# CHAPTER 1

## About This Demo

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## What You'll Find in This Demo

This guide for the preconfigured demonstration includes two independent Cisco Calling and Meeting Integration demos: Microsoft Teams and Slack.

The **Microsoft Teams** integration demo has three independent scenarios:

- Cisco Jabber with Microsoft Teams
- Cisco Calling with Microsoft Teams
- Cloud Video Interop (CVI) and WebRTC

The **Slack** integration demo has two independent scenarios:

- Cisco Jabber and Webex Meetings with Slack
- Cisco Webex Calling and Webex Meetings with Slack

## Requirements

The table below outlines the requirements for this preconfigured demonstration.

Required	Optional
Laptop with Cisco AnyConnect®	Any Cisco Video Endpoint or IP Phone Second laptop for video call

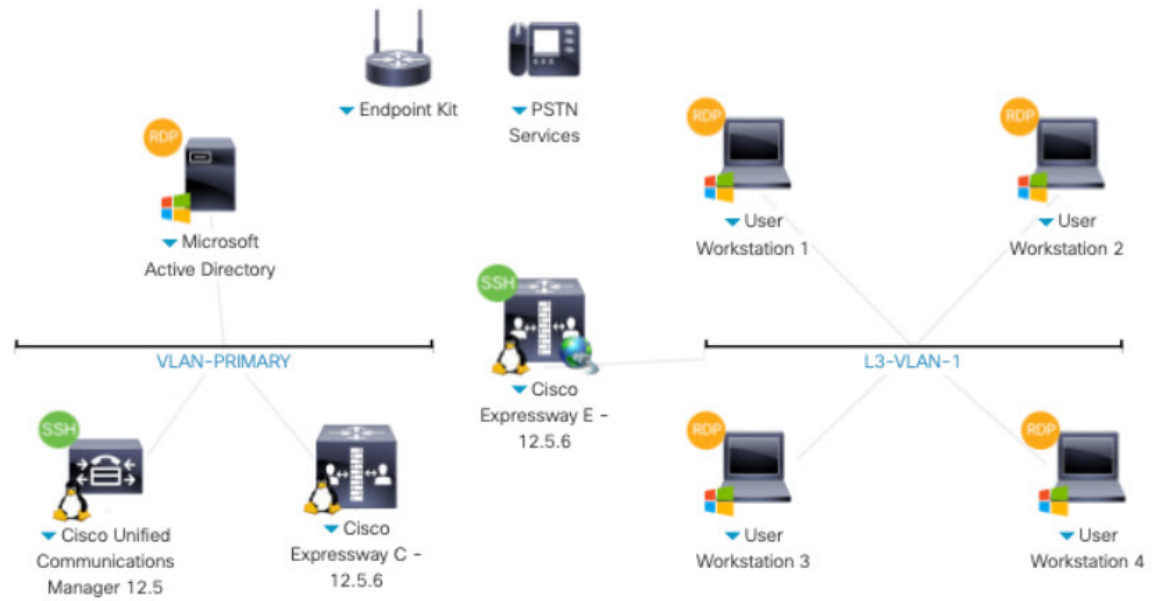
## Equipment Details

Application	Version	URL	Username	Password
Microsoft Active Directory Server	2012 R2	198.18.133.1	DCLLOUD administrator	C1sco12345
Cisco Expressway – C	X12.5.6	<a href="https://vcse.dcloud.cisco.com">https://vcse.dcloud.cisco.com</a>	admin	dCloud123!
Cisco Expressway – E	X12.5.6	<a href="https://vcse.dcloud.cisco.com">https://vcse.dcloud.cisco.com</a>	admin	dCloud123!
Cisco Unified Communications Manager	12.5.1.10000-22	<a href="https://cucm1.dcloud.cisco.com">https://cucm1.dcloud.cisco.com</a>	administrator	dCloud123!
Workstation 1	Windows 10 Pro	198.18.1.36	DCLLOUD\amckenzie	dCloud12345!
Workstation 2	Windows 10 Pro	198.18.1.37	DCLLOUD\aperez	dCloud12345!
Workstation 3	Windows 10 Pro	198.18.1.38	DCLLOUD\mcheng	dCloud12345!
Workstation 4	Windows 10 Pro	198.18.1.39	DCLLOUD\cholland	dCloud12345!

## Topology

This demonstration includes several server virtual machines. Most of the servers are fully configurable using the administrative level account. Administrative account details are included in the guide steps where relevant and in the server details table.





## Session Users

The table below contains details on preconfigured users available for your session.

User Name & WKST	User ID	Password	IP Address	Jabber Device Name	Extension	Cross Launch Application
Adam McKenzie WKST1	amakenzie	dCloud12345!	198.18.1.36	UCSFAMCKENZIE	6016	Cisco Jabber – UCM
Monica Cheng WKST2	mcheng	dCloud12345!	198.18.1.38	UCSFMCHENG	6020	Cisco Jabber – UCM
Anita Perez WKST3	aperez	dCloud12345!	198.18.1.37	UCSFAPEREZ	6017	Cisco Webex Call – UCM
Charles Holland WKST4	cholland	dCloud12345!	198.18.1.39	UCSFCHOLLAND	6018	Cisco Webex Call – UCM

## DNS Addresses

To find your session’s list of unique domains, navigate to **Details > Session Details > DNS Addresses**.

**IMPORTANT:** Each session has a unique domain. The image that follows is only an example. Do not use the information in the image below for your session

Details Servers Resources Devices 1d 17:30:29

The network diagram illustrates a multi-tier architecture. On the left, the 'VLAN-PRIMARY' segment includes a Microsoft Active Directory server, a Cisco Unified Communications Manager 12.5 server, and a Cisco Expressway C-12.5.6 server. On the right, the 'L3-VLAN-1' segment contains four user workstations. A central Cisco Expressway E-12.5.6 server acts as a bridge between the two VLANs. Above the main network, there are icons for an Endpoint Kit, PSTN Services, and a Cisco Expressway E-12.5.6 server. The diagram also shows connections to various services like RCP, SSH, and RDP.

### Session Details

A	vcse.cb187.dc-01.com
SRV	_collab-edge._tls.cb187.dc-01.com
SRV	_h323cs._tcp.cb187.dc-01.com
SRV	_h323ls._udp.cb187.dc-01.com
SRV	_h323rs._udp.cb187.dc-01.com
SRV	_sips._tcp.cb187.dc-01.com
SRV	_sip._tcp.cb187.dc-01.com
SRV	_sip._udp.cb187.dc-01.com



## CHAPTER 2

# Microsoft Teams

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- [Scenario 1: Cisco Jabber and Webex Meetings Integration into Microsoft Teams, on page 11](#)
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- [Scenario 3: Cloud Video Interop \(CVI\) and WebRTC , on page 54](#)

## About This Solution

Users demand interoperability with calendaring, ECM, workflow, telephony, meetings, video, devices, and more. Cisco meets this demand with client-based integration with Microsoft Teams.

The simple-to-deploy client/plug-in integration with Microsoft Teams works with your choice of Cisco clients – Webex Calling, Jabber, and Webex Meetings.

### Calling

- Click to call with your existing phones from Microsoft Teams
- No compromise on calling features
- No dial plan and routing reconfiguration

### Meetings

- Simple-to-implement Webex Meetings Bot
- Get your default website for Meetings
- Set your default Meetings website

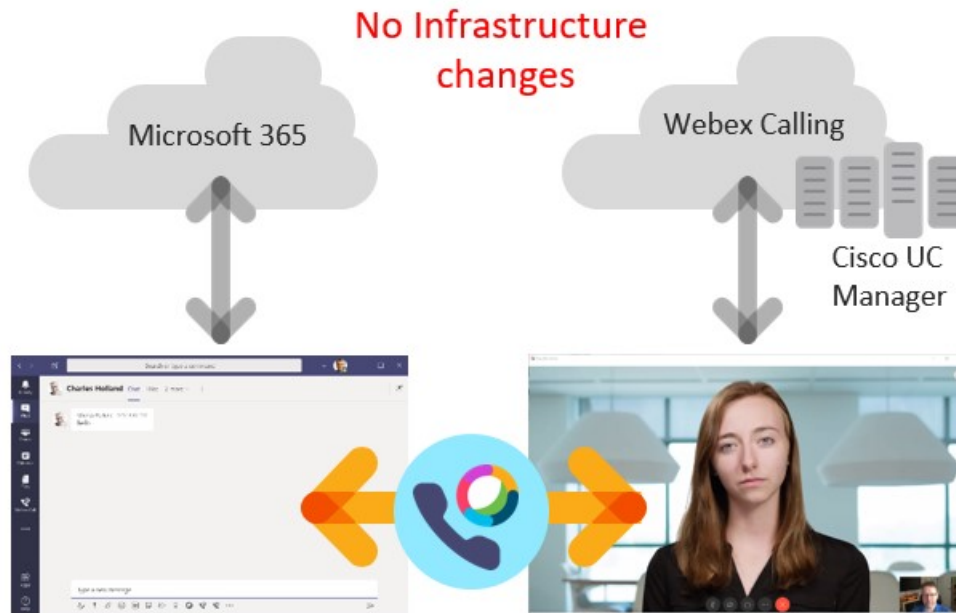
And all this is at no additional license costs because of the following:

- Covered by your existing Cisco licenses/subscription
- No (E5) Microsoft Cloud PBX Phone system license is required

### Cloud Video Interop (CVI) and WebRTC

- SIP-capable video endpoints can join Microsoft Teams meetings via CVI for a rich, seamless meeting experience, without requiring third-party interop using OBTP join with Calendar Service, direct dial in, or IVR join experience.

- WebRTC supports the OBTP join with Calendar Service for B2B meetings from a Cisco video endpoint that has Media Engine running. These devices support WebRTC: Cisco Webex Board, Room Devices, and DeskPro.

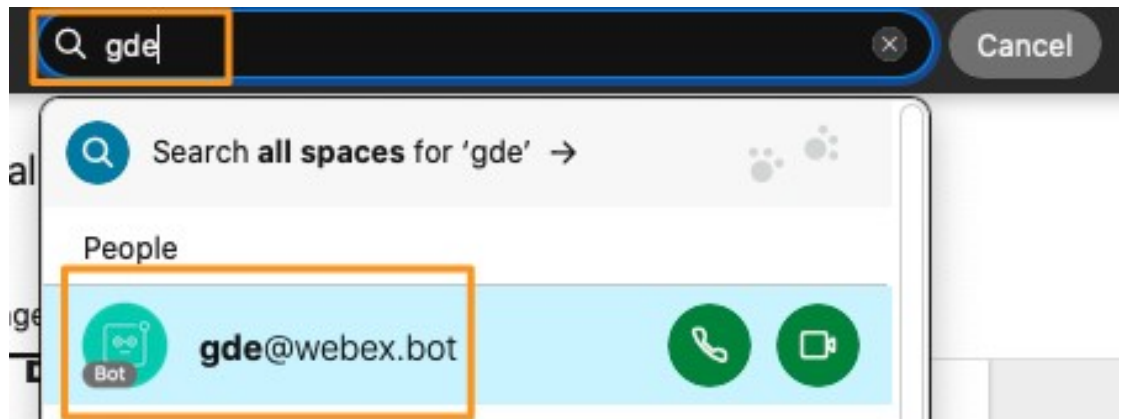


## Get Started

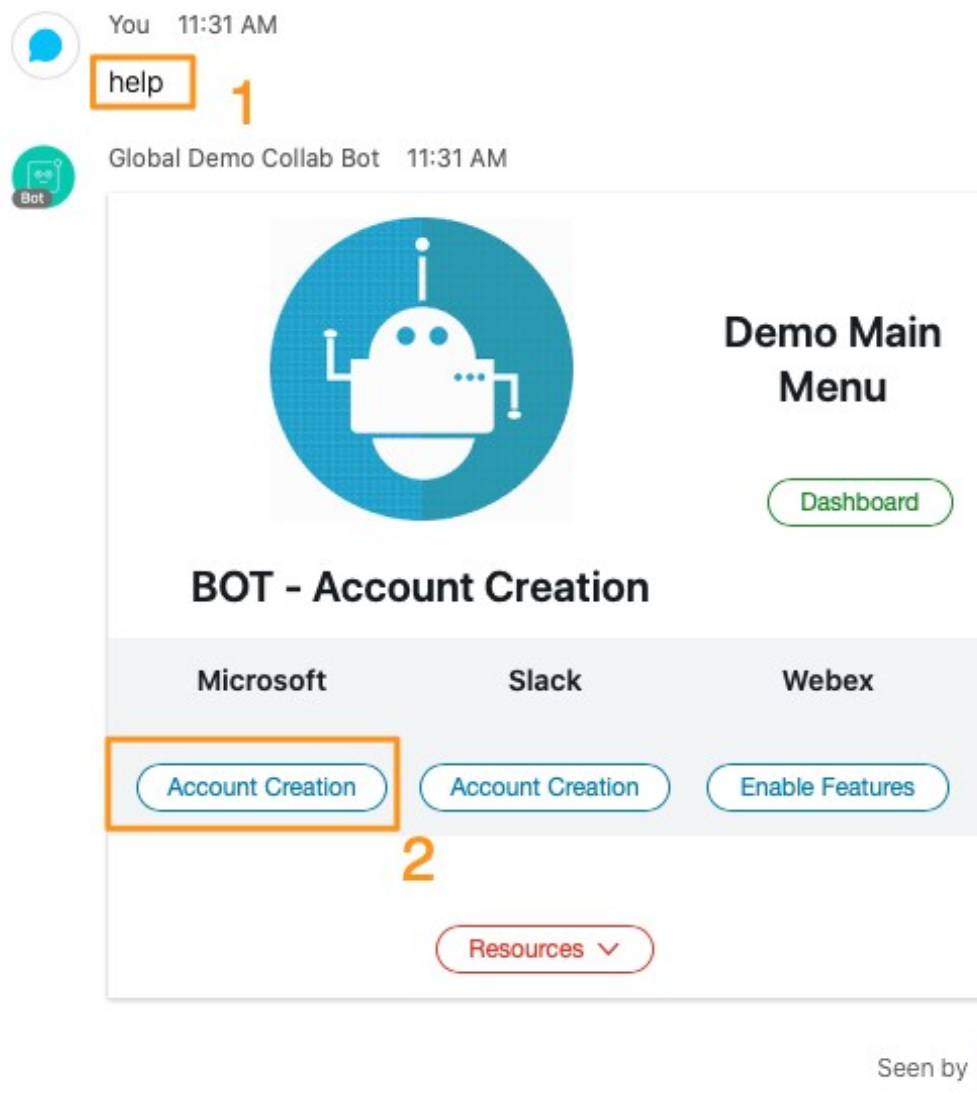
Follow the steps to initiate your session and configure your demonstration environment.

### Procedure

- 
- Step 1** Initiate your dCloud session. [[Show Me How](#)] It can take up to 10 minutes for your session to become active.
- Step 2** Create your Microsoft Office 365 trial tenant with the easy-to-use Global Demo Collab Bot.
- a) **a.** In your personal Cisco Webex, in the top-left click the **+** icon and choose **Contact a Person**. Search for and select **Global Demo Collab Bot**.



- b) **b.** In the newly created **Global Demo Collab Bot** space, type and send the message "help".
- c) **c.** Under **Microsoft**, click **Account Creation**.



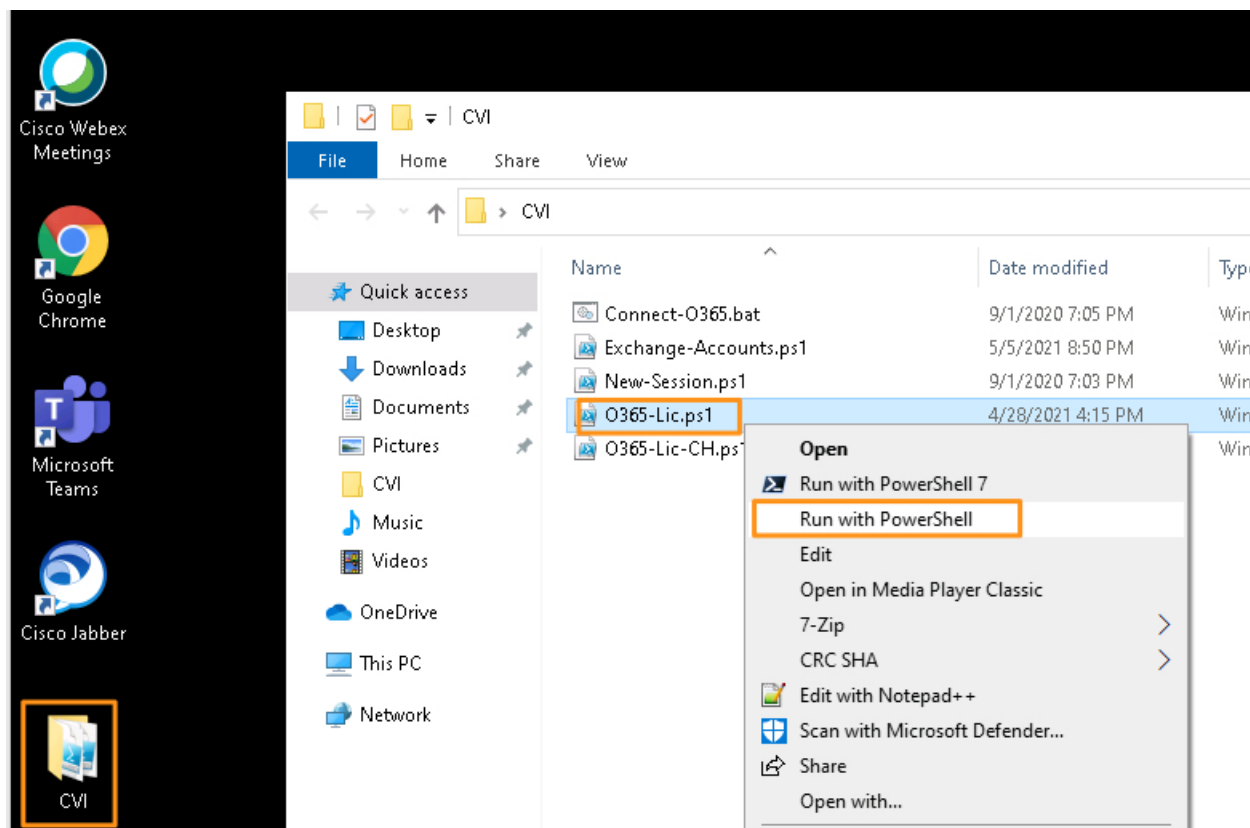
- d) **d.** Follow the Bot prompts to choose your country code, input your ten-digit cell phone number, and click **Submit**. (No worries, the Bot doesn't keep your cell phone number.) You will receive a text with a six-digit code.
- e) **e.** Enter the six-digit code for the Microsoft product and click **Submit**. You will receive a username and password for a generated Microsoft tenant (user).

**Note** If your tenant was created successfully, continue with Step 3. If you had any issues creating the Microsoft tenant with the Bot instructions above (a-e), you have two options. You can either:

- Use a Powershell script to create the Microsoft tenant. Complete the following a-d Powershell script steps and then continue with Step 3.
- or
- Manually create your Microsoft trial tenant. Skip the following a-d Powershell script steps and follow the step-by-step manual instructions in Step 3.

### Optional Powershell Script to Create Microsoft Tenant if Bot Did Not Create Your Tenant

- f) **a.** Go to Workstation 4 (**dcloud/cholland** and **dcloud12345!**). From the desktop, open folder entitled **CVI**. In the folder, right click on the script **O365-Lic.ps1** and select **Run with Powershell**.



- g) **b.** Once you launch the script it will prompt you to enter country code and phone number to verify a one-time password that will be sent to your mobile. Enter your mobile phone number and country code, as shown below.

```
Transcript started, output file is C:\dcloud\O365_Lic
{
  "skuId": null,
  "tenantRegion": null,
  "tenantId": null,
  "isEmailVerifiedTenant": false,
  "signupRequestToken": null,
  "httpStatusCode": 200,
  "responseCode": "SkuNotAllowedOnViralTenants",
  "message": null,
  "correlationId": "f4b9f840-1ae6-4f69-b11c-82ffdb0
}
{
  "isValid": true,
  "errorCodes": null,
  "errorMessages": null,
  "httpStatusCode": 200,
  "responseCode": "Success",
  "message": null,
  "correlationId": "faf3518c-4247-408c-9022-cb3367f
}
Enter Your Country Code: 1
Enter Your 10 Digit Phone number: 9724176038
{
  "challengeId": "MjBihUN890yOkAPTWCXrSReUirGR4r73xm
RVhfsdEGXP4ioWKLsETHs-6D4F5lm101C2yjlnoXrA2d9XH002iRs"
  "remainingAttempts": null,
  "httpStatusCode": 200,
  "responseCode": "Success",
  "message": null,
  "correlationId": "7e0d27fe-e9ad-40fc-a6bc-090554e
```

- h) c. After you enter the password, the script will create the O365 tenant. It will take 60 seconds for the tentant to be active. Once the tenant is active, it will prompt you to select the number of users you want to add. Enter the number of users you want to add in the prompt, as shown in the last line below.

```

    ],
    "existingDomains": null,
    "statusCode": 200,
    "responseCode": "Success",
    "message": null,
    "correlationId": "096f7660-0d7d-4c69-bf91-8314035a0c0f"
  }
}

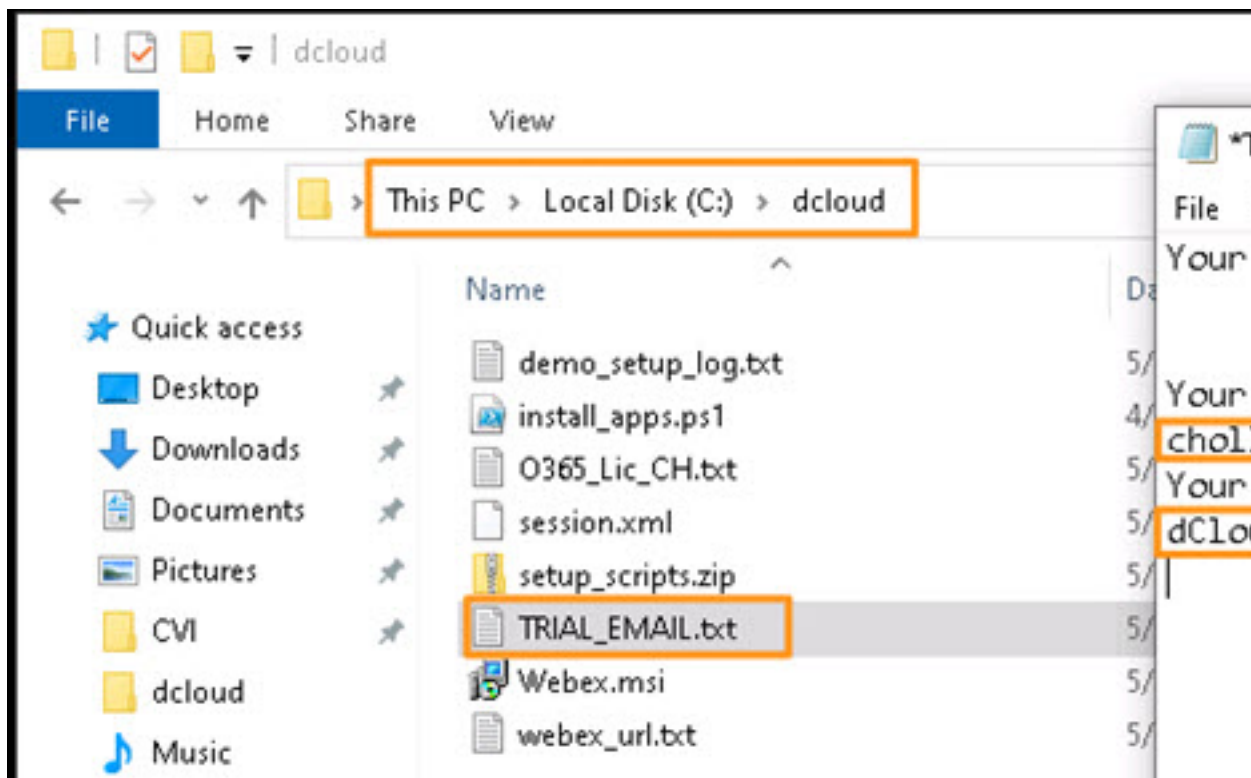
"orderId": "ad8b16e7-9624-4eff-95f6-ec8a5f89b173",
"seatCounts": [
  25
],
"tenantId": "a8d9f725-4db4-4642-8c37-6cc53c781599",
"userId": 1153801119265264027,
"userObjectId": null,
"upn": "cholland@trial111135620.onmicrosoft.com",
"partnerOfRecord": null,
"loginUrl": null,
"s1t": "BmtC6IZ8QIjEnkp2Spc6A8bfF8wrbrd5GxztSQ420MYzjE58N8m5mzXyG0
1!N!rwxlmkEoG5VB2Evtf36XUHhRbc1lnHvHmzQ6tUxrmfiqhJIZH!ygRIOX01mrP!2v0
"statusCode": 200,
"responseCode": "Success",
"message": null,
"correlationId": "f06d3793-308d-45e5-929a-dd7447f93721"
}

```

Waiting for 60s for the trial to be active

How many users do you need in O365 Trial, Enter up to 10: 4

- i) d. The O365 tenant will be created and all users will be created and licensed. The tenant information is stored in C:> dcloud > TRIAL\_EMAIL.txt.



**Step 3** Configure your demonstration environment.



**Important** Complete all five configuration steps below. (If you followed the Bot or Powershell script instructions above, you still need to go through all of these steps. If you want to manually create your tenant, you will find instructions in Step A below.) All configuration steps must be completed in order to run through one and/or two scenarios.

- a) **a.** Follow instructions on how to [Prepare Microsoft Office 365 Trial Setup and Demonstration](#).
- b) **b.** Follow instructions on how to [Set Up Microsoft Trial Environment for Cisco Integration](#).
- c) **c.** Follow instructions on how to [Configure the Call Manager for the Users Created on O365](#).
- d) **d.** Follow instructions on how to [Set Up Users on Webex Meeting Org](#).
- e) **e.** Follow instructions on how to [Log Into Microsoft Team Client and Add Cisco Apps](#).

**Step 4** Log into Workstation 1 (**198.18.1.36**) with the following credentials:

- UserName: **dcloud\amckenzie**
- Password: **dCloud12345!**

**Note** For best performance, connect to the workstation with Cisco AnyConnect VPN [[Show Me How](#)] and the local RDP client on your laptop [[Show Me How](#)].

**Step 5** On Workstation 1, open an IE browser tab and go to **Collaboration Admin Links > Cisco Expressway – C**. Log in with Username: **admin** and Password: **dCloud123!** Accept any security message you may be shown.

**Step 6** Navigate to **Configuration > Zones > Zones** tab and confirm that the two **Traversal client** zones configuration details show SIP status is **Active**. DefaultZone should show SIP status as **On**.

**Note** If any of these zones do not have an Active SIP Status, the session is corrupted and you will not be able to proceed. Please End the current session and start up a new one. This does happen occasionally due to automation errors.

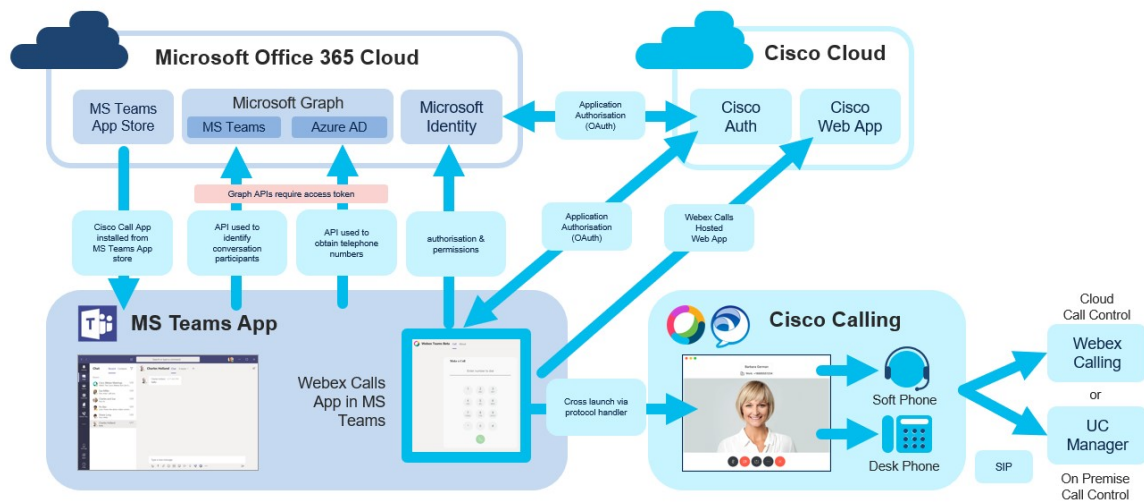
Name	Type	Calls	Bandwidth used	H323 status	SIP status	Proxied Registrations	Search rule
<a href="#">DefaultZone</a>	Default zone	0	0 kbps	On	On	-	
<a href="#">CEIcp-cucm1.dcloud.cisco.com</a>	Neighbor	0	0 kbps	Off	Active	0	Enabled search rule
<input type="checkbox"/> <a href="#">CUCM Neighbor</a>	Neighbor	0	0 kbps	Off	Active	-	Enabled search rule
<input type="checkbox"/> <a href="#">VCS-E for B2B video Traversal client</a>	Traversal client	0	0 kbps	Off	Active	-	Enabled search rule
<input type="checkbox"/> <a href="#">VCS-E for MRA</a>	Unified Communications traversal	0	0 kbps	Off	Active	0	No search rule configured

## Scenario 1: Cisco Jabber and Webex Meetings Integration into Microsoft Teams

Cisco Jabber Calling integration for Microsoft Teams is administered by an easy-to-use plugin. Highlights include:

- Jabber registered to CUCM and running in phone-only mode
- Click Jabber in a conversation to get all user contact details and choose to call
- Click Calls for dial pad and PSTN/MRA dialling
- Register a physical endpoint and control it directly from Microsoft Teams using Jabber

## MS Teams: Calling Integration Architecture



**Note** **IMPORTANT** Make sure you have completed **\*all\*** set up instructions in the Get Started section.

In the first few steps, you will log into each workstation. For best performance, connect to the workstation with Cisco AnyConnect VPN [[Show Me How](#)] and the local RDP client on your laptop [[Show Me How](#)].

### Procedure

- Step 1** Log in to **WKST1**:
- IP Address: **198.18.1.36**
  - UserName: **dcloud\amckenzie**
  - Password: **dCloud12345!**
- Step 2** Log in to **WKST3**:
- IP Address: **198.18.1.38**
  - UserName: **dcloud\mcheng**
  - Password: **dCloud12345!**
- Step 3** Log in to **WKST2**:
- IP Address: **198.18.1.37**
  - Username: **dcloud\aperez**
  - Password: **dCloud12345!**

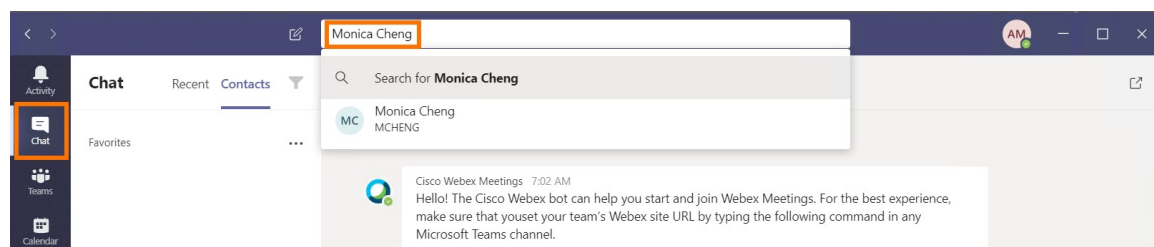
- Step 4** Open **Microsoft Teams** on **Adam’s WKST 1** and **Monica’s WKST 3**. (Log in with your unique O365 details, if needed.)

## Jabber Chat

### Procedure

- Step 1** In **Microsoft Teams** on **Adam’s WKST1**, click **Chat** in the left side bar. Search for **Monica Cheng**. Click Monica’s contact to start a chat conversation.

#### Example:



- Step 2** Type something similar to, **“Hey Monica - Good Morning. I have a quick question on the customer portal we were setting up. Would you have a min to talk?”**

- Step 3** Respond from **Monica (WKST3)** by typing, **“Sure, I am available. Call me.”**

Make sure you send a message to the contact before you call them; otherwise, you will receive a warning message when accessing Jabber from the bottom navigation icons.



### Cannot make a call

Send a message to someone first before you try to call them.

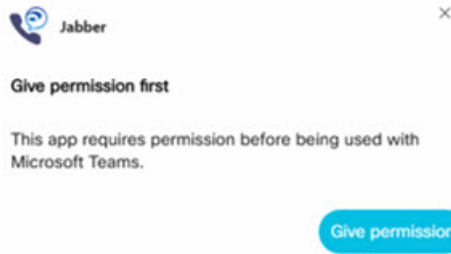
OK

## Jabber Call

### Procedure

---

- Step 1** From **Adam's WKST1**, click the **Jabber call** icon located the below typing window.
- Step 2** A new popup window will show up to give permission to use the Jabber plugin in Microsoft Teams. This is required the first time you use Jabber in Microsoft Teams. Click **Give permission**.



- Step 3** Enter the Microsoft teams O365 password you created during set up (**amckenzie@xxxx.onmicrosoft.com**) and click **Sign In**.
- Step 4** Accept any warnings. If prompted, click **Skip for now**. DO NOT click Next.
- Step 5** Click either **Monica's URI** or **phone number** based on the following criteria:
- URI: An MRA Call, which enables both-side videos
  - DN: PSTN call, which is only voice
- Step 6** Answer the call on **Monica's WKST3** and verify audio (and video if MRA call) works both ways.
- Note** As you are using virtual workstations, you cannot hear the audio.
- Step 7** Hang up the call on either Adam's or Monica's workstation.
- 

## Webex Meetings Option 1: Ad Hoc Meeting

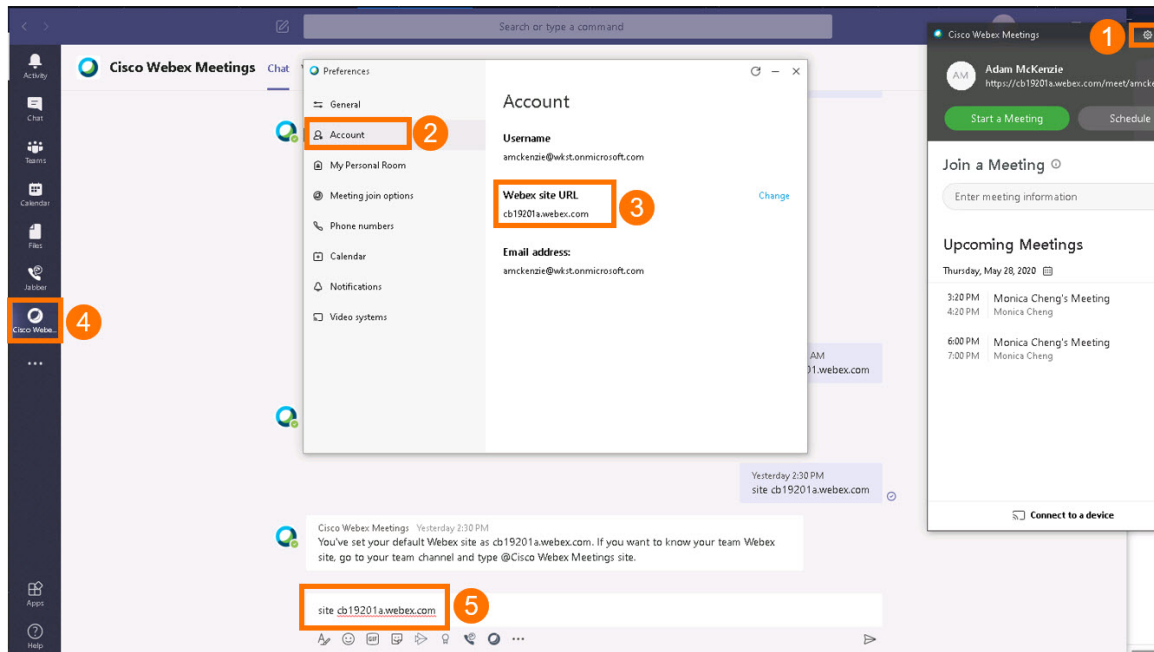
During our conversation, we realized we need to bring teammate Anita Perez into the conversation. We need to jump into an ad-hoc Webex Meeting.

### Procedure


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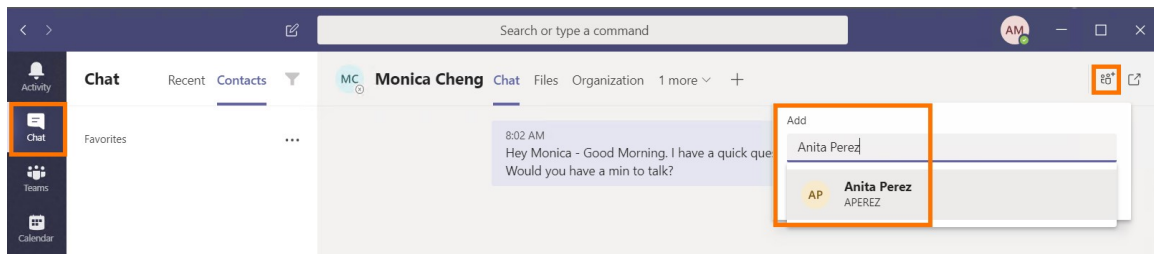
- Step 1** On **Adam's WKST1 desktop**, log in to **Webex Meetings** with Adam's **unique O365 username** (**amckenzie@xxxx.onmicrosoft.com**).
- Step 2** Select the **Cisco Webex Meeting URL** and **password**. Accept any warnings.
- Step 3** Click the **Settings** (gear) icon in top-right corner. Select **Preferences**.
- Step 4** Click **Account**. Make a note of the **Webex site URL** listed.
- Step 5** In **Microsoft Teams**, click **Cisco Webex Meetings** app in the left side bar. A Webex chat window opens.

**Step 6** Set your default meeting URL: type “*site Webex site URL*”. (Where *Webex Site URL* is your unique site noted



**Step 7** Repeat steps above on **WKST3 (Monica)** and **WKST2 (Anita)**.

**Step 8** On **Adam’s WKST1**, go to the Chat window with Monica and click the Add People icon [  ] in the top-right corner.





**Step 9** Type “**Anita Perez.**” Click her **contact name** and click **Add**. This will create a new chat window with Adam, Monica, and Anita.

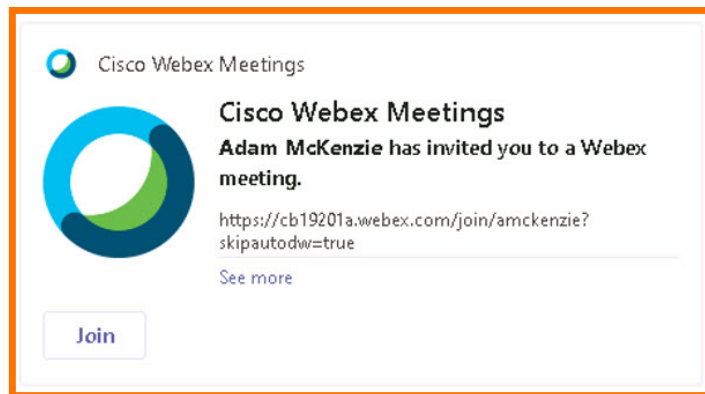
**Step 10** Send a Message from **Adam on WKST1** to the new chat group, "**Hello Monica & Anita, creating this chat to track the issues we found. Need to speed up as we have customer delivery date coming up.**"

**Step 11** Go to **WKST3** and respond as Monica, “**Yes we have to. Can we jump on a Webex call to discuss?**"

**Step 12** Go to **WKST2** and respond as Anita, “**Sure, I am available now. Let’s jump on Webex.**"

**Step 13** On Adam’s **WKST1**, click the **Cisco Webex Meetings icon** [  ] located directly below the message window. It will list the Webex Meeting URL to invite others to the meeting.


**Step 14** Click the link to create a message with the Meeting URL in the chat. Click [  ] to send the message in the chat space.



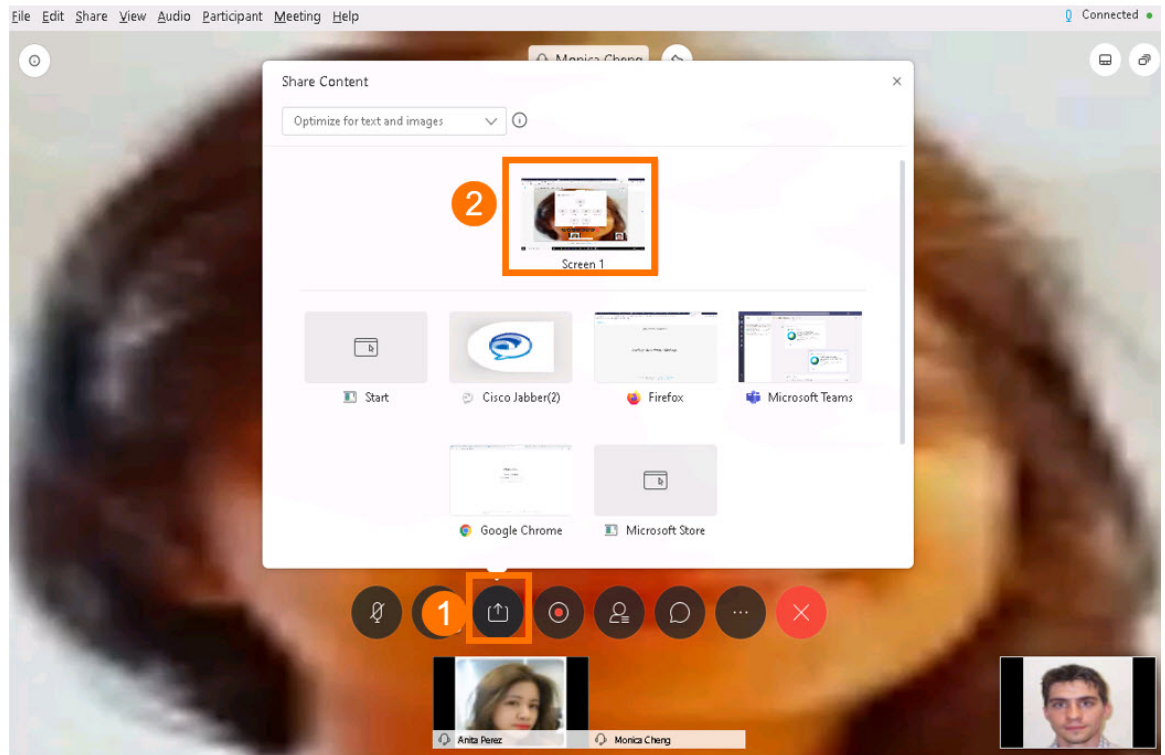
**Step 15** Click **Join** from all three workstations to launch Cisco Webex Meetings.

**Step 16** Click **Join Meeting** on all three workstations. If you are joining the meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the plugin. (You are required to do this only once the first time.)

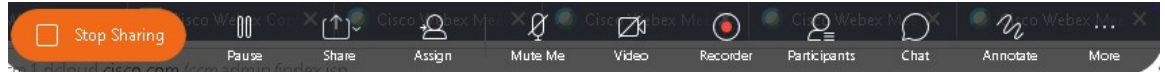
**Step 17** You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not available.)


**Step 18** On **WKST 1**, click **Share Content** [.

**Note** Usually any user in the meeting can start sharing content from their workstation. As we are using trial account for Webex Meetings, only Host (Adam McKenzie) can share. If any other user in the meeting wants to share, they can request permission and Adam (host) has to accept it.




### Step 19 Explore other options:

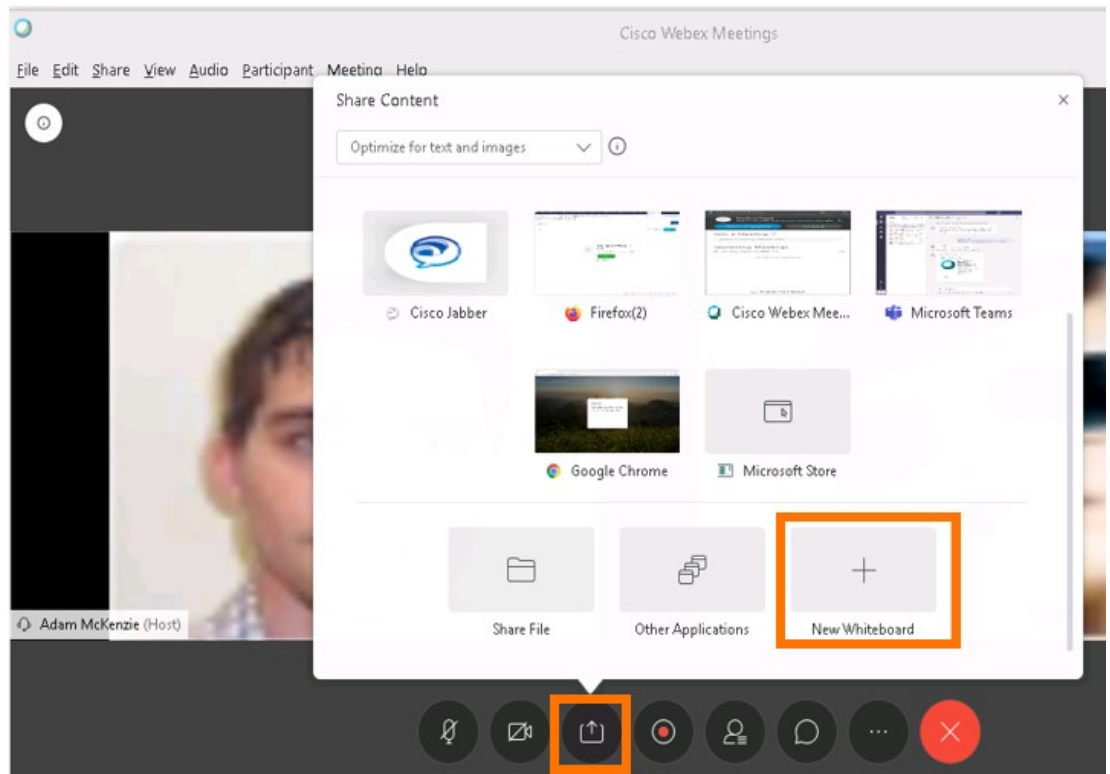


- You can **Record**  the meeting from the host workstation.



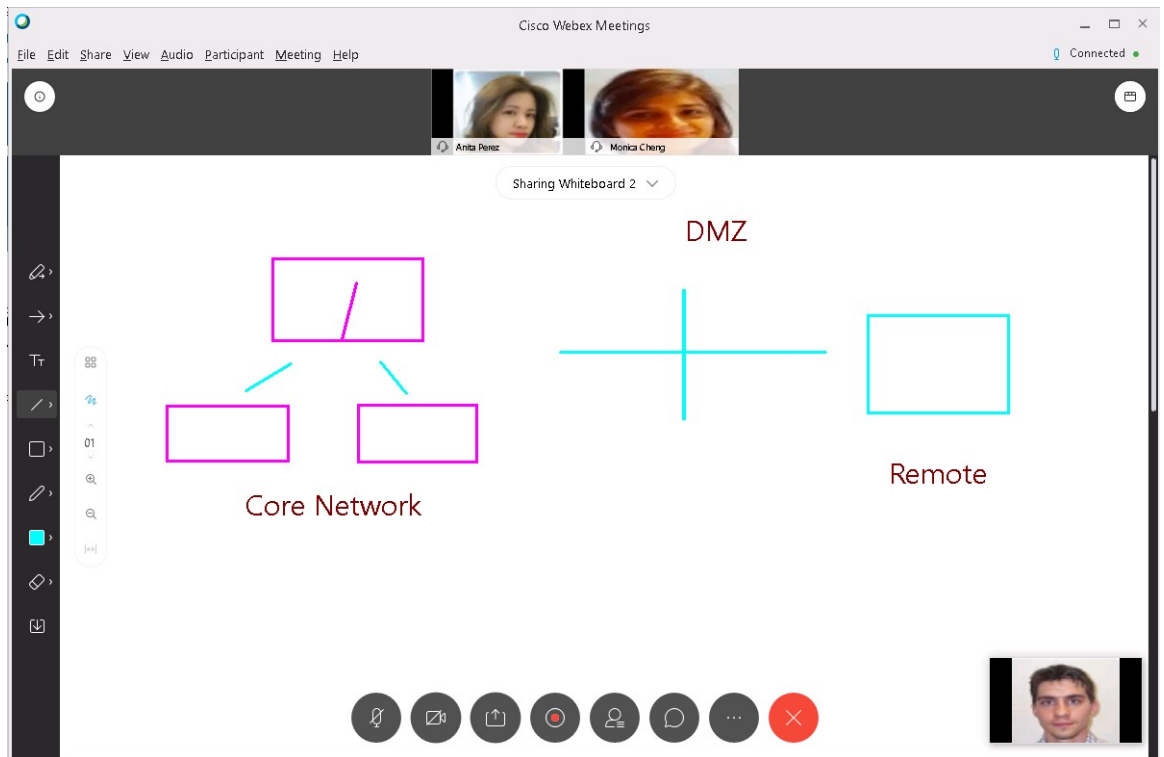
- You can **Annotate**  a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.
- You can start a new Whiteboard and share it with others so that they can view/edit what you are

writing/drawing. To do so, click the **Share Content** icon  and select **New Whiteboard**.



**Step 20**

Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with others.





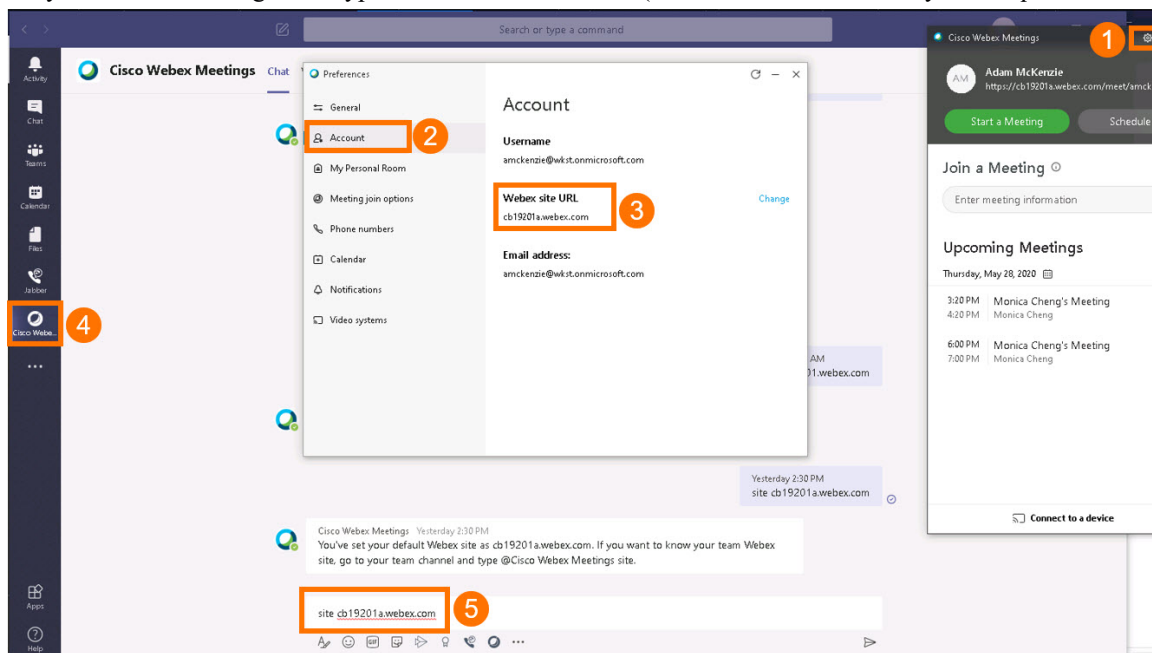
**Step 21** End/leave the meeting on all workstations.

## Webex Meetings Option 2: Scheduling Webex Meeting from Microsoft Teams

During our conversation, we realized we need to bring teammate Anita Perez into the conversation. We need to jump into a Webex Meeting.

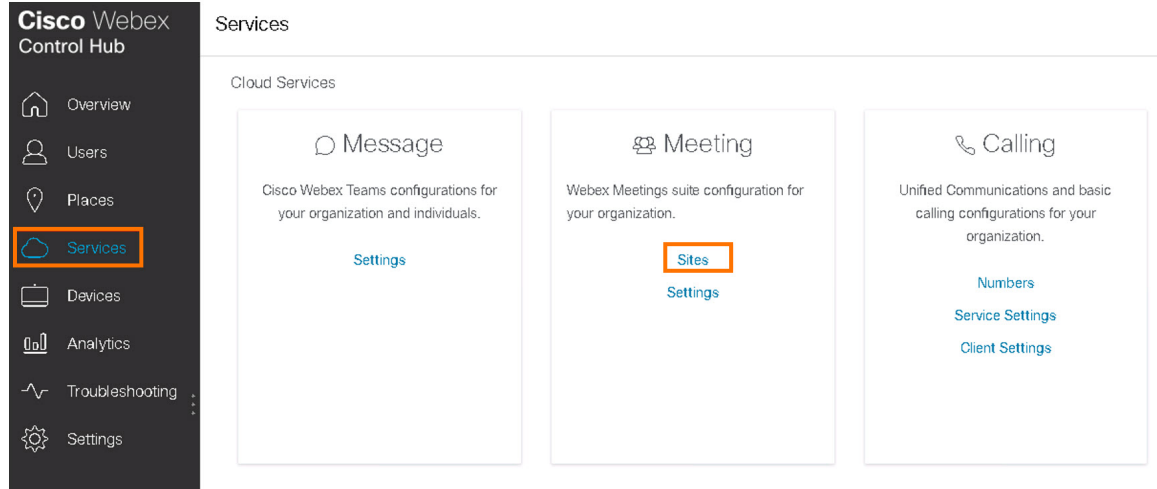
### Procedure

- Step 1** On Adam's **WKST1** desktop, log in to **Webex Meetings** with Adam's **unique username** (amckenzie@xxxx.onmicrosoft.com).
- Step 2** Select the **Cisco Webex Meeting URL** and **password**. Accept any warnings.
- Step 3** Click the **Settings** (gear) icon in top-right corner. Select **Preferences**.
- Step 4** Click **Account**. Make a note of the **Webex site URL** listed.
- Step 5** In **Microsoft Teams**, click **Cisco Webex Meetings** app in the left side bar. A Webex chat window opens.
- Step 6** Set your default meeting URL: type "**site Webex site URL**". (Where *Webex Site URL* is your unique site noted



- Step 7** Repeat steps above on **WKST3 (Monica)** and **WKST2 (Anita)**.
- Step 8** On Adam's **WKST1**, open **Firefox**. Navigate to **Collaboration Admin Links > Cisco Webex Control Hub**.

**Step 9** Log in with email **cholland@cbXXX.dc-YY.com** (the domain you find in Session Details) and password



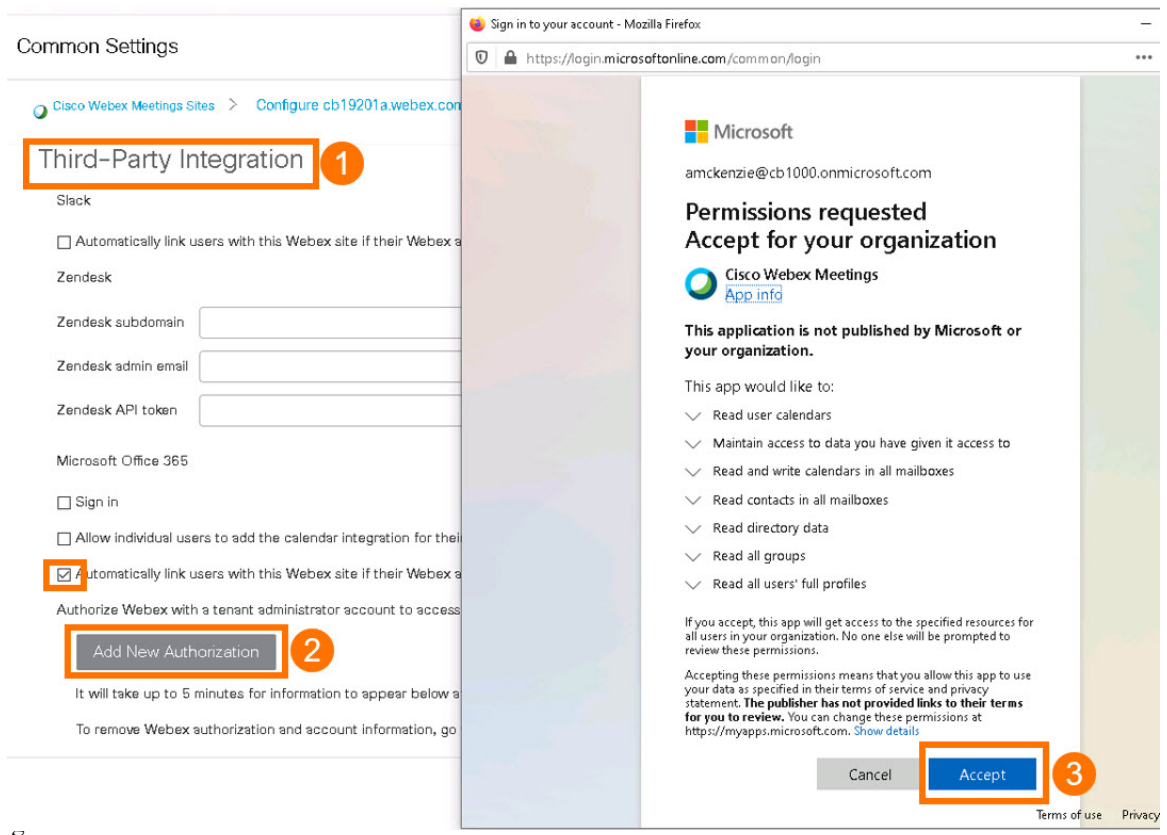
**Step 10** Click the meeting site.

**Step 11** Click **Configure Site**.

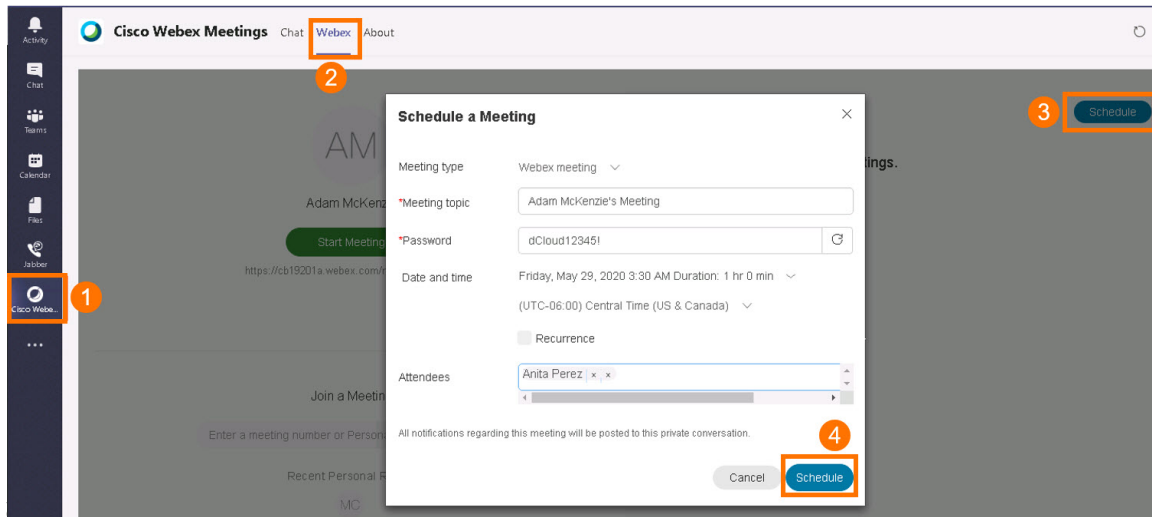
**Step 12** Select **Site Options** under **Common Settings**.

**Step 13** Scroll down to **Third-Party Integration**. Add a check mark to **Automatically link users with Webex site if their Webex account email address matches their Microsoft Office 365 email address**.

**Step 14** Click **Add New Authorization**. In the pop up window, enter your **Microsoft Admin credentials** and **Accept** the permissions requested by Webex

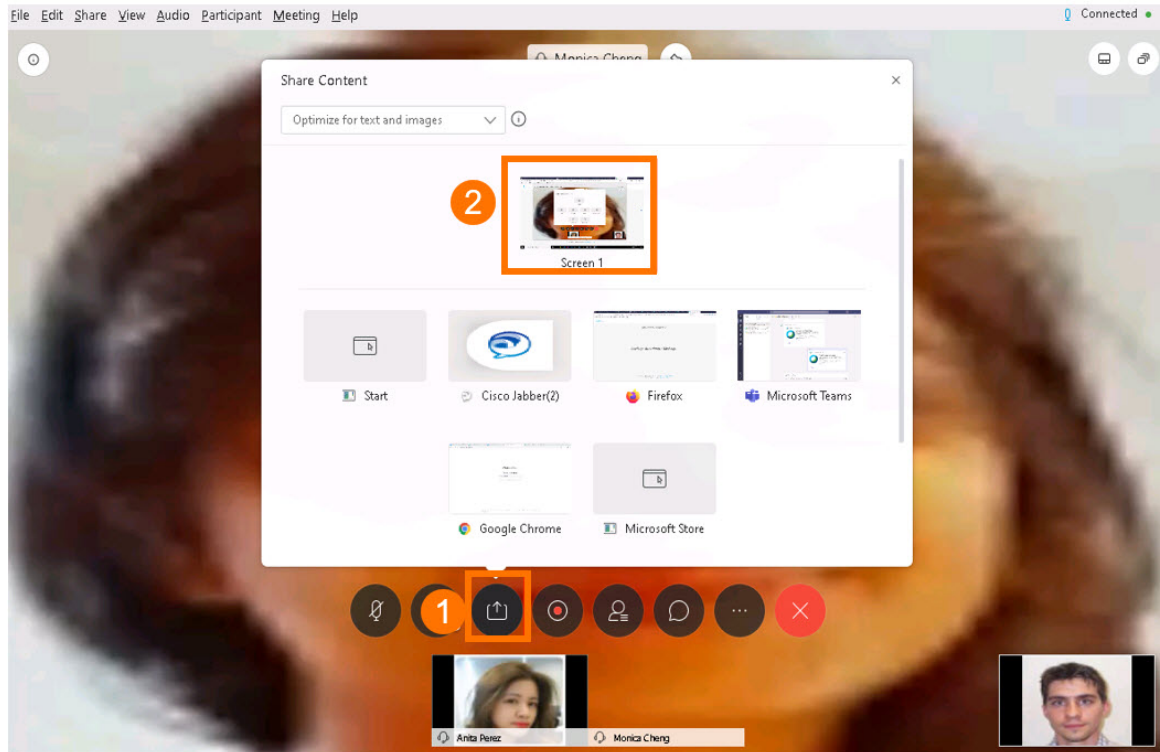


- Step 15** On Microsoft Teams on Adam's **WKST1**, click **Cisco Webex App** on the left side pane.
- Step 16** Click **Webex** tab next to Chat. Webex Teams will load your Meeting PMR (Personal Meeting Room) and displays the option to schedule meetings.
- Step 17** Click **Schedule**. Set up a meeting with the following details:
- Meeting Topic: Type anything of your choice
  - Password: You can keep the automatically generated password or type any of your choice
  - Date and Time: Select current date and time of the workstation (or a few minutes in the future)
  - Attendees: Add **Anita** and **Monica** to the list.
- Step 18** Click **Schedule**. The meeting is

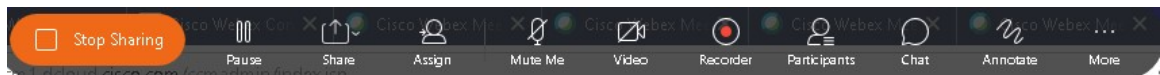


- Step 19** You will see the updated meeting list on the Webex tab. Click **Start** to start the meeting.
- Step 20** In Microsoft Teams on **WKST2**, click the **Webex Meeting App** on the left side pane. Click the **Webex** tab. It will list the PMR information and all scheduled meetings. Click **Join** for the newly scheduled meeting in process. Repeat for **WKST3**.
- Step 21** If you are joining a meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the **plugin**. (You are required to do this only once the first time.)

**Step 22** You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not



**Step 23** Explore other options:



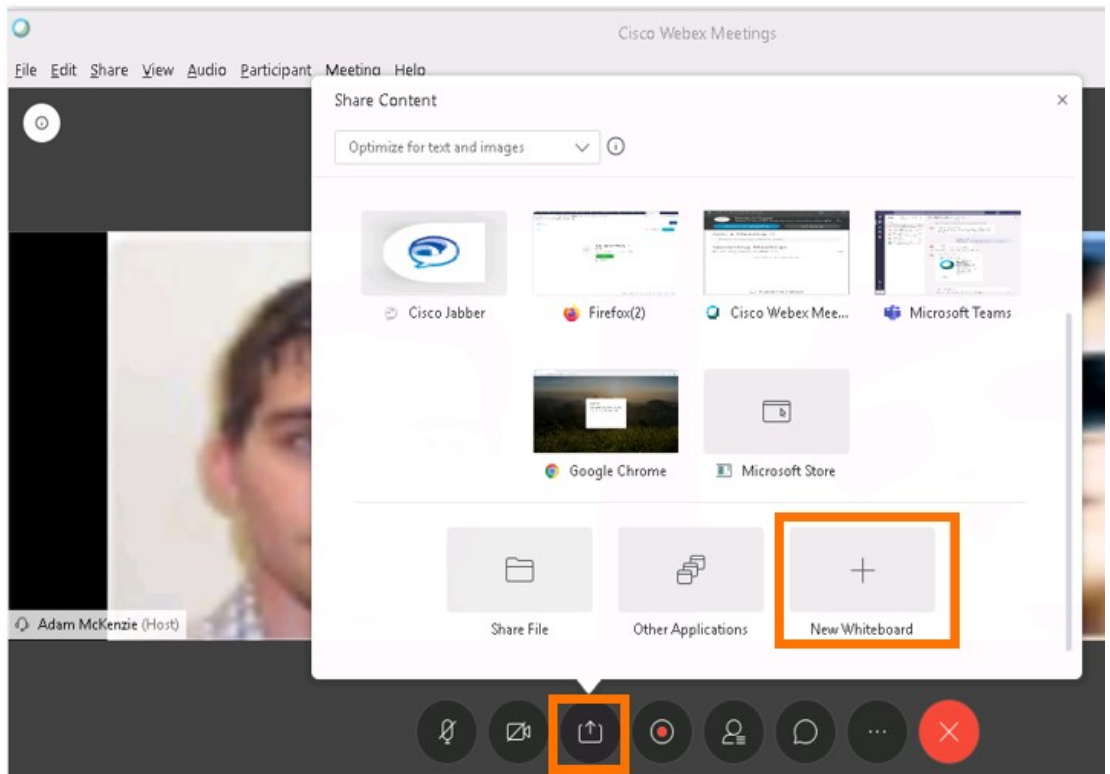
- You can **Record** [Recorder] the meeting from the host workstation.



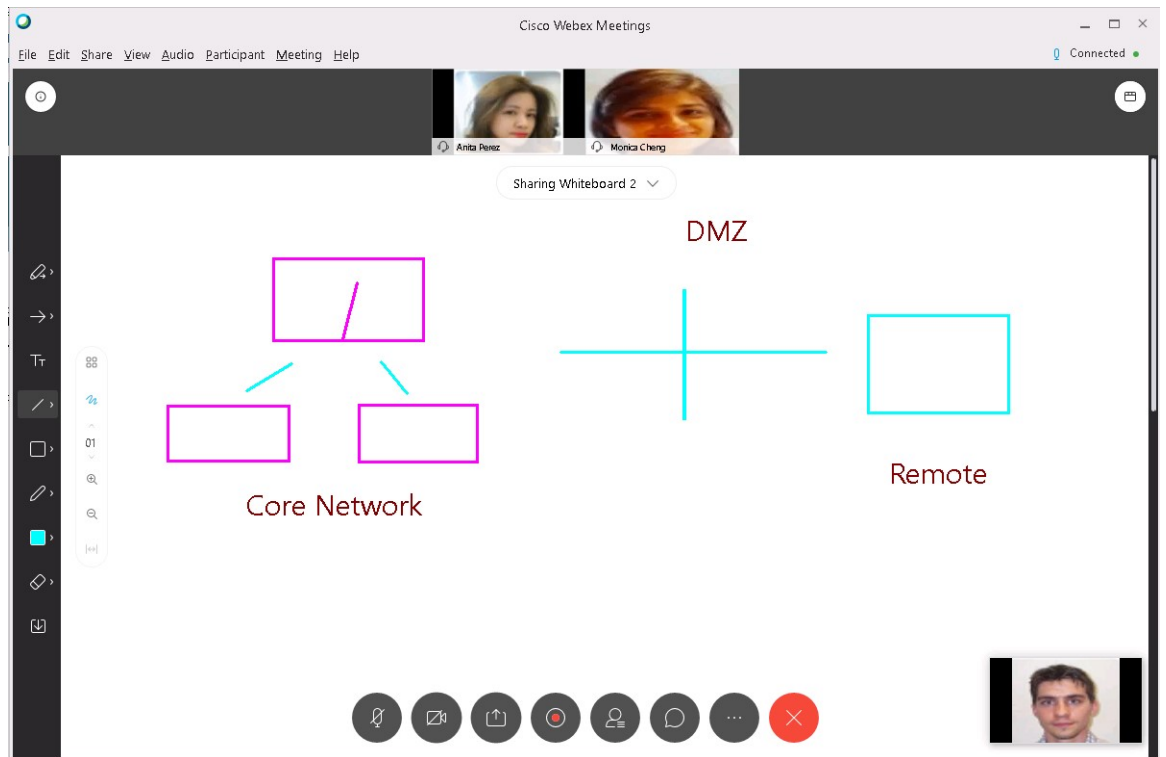
- You can **Annotate** [Annotate] a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.
- You can start a new Whiteboard and share it with others so that they can view/edit what you are

writing/drawing. To do so, click the **Share Content** icon [Share Content] and select **New Whiteboard**.





**Step 24** Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with others.

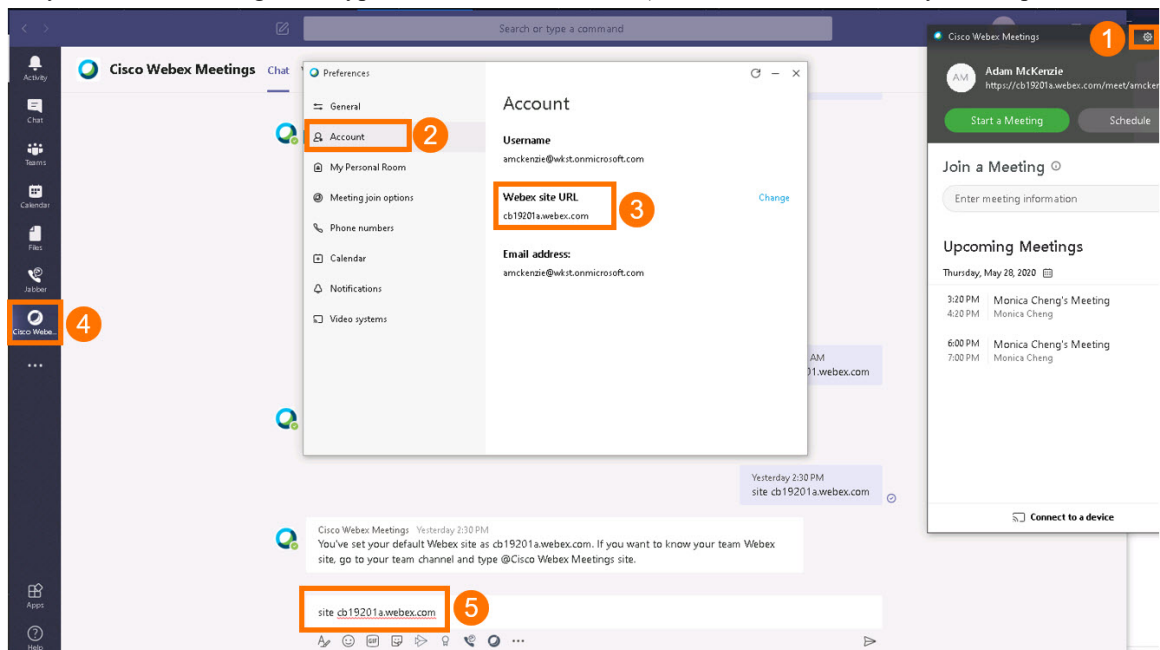


**Step 25** End/leave the meeting on all workstations.

## Webex Meetings Option 3: Scheduling Webex Meetings with @webex Option from Microsoft 0365 Outlook

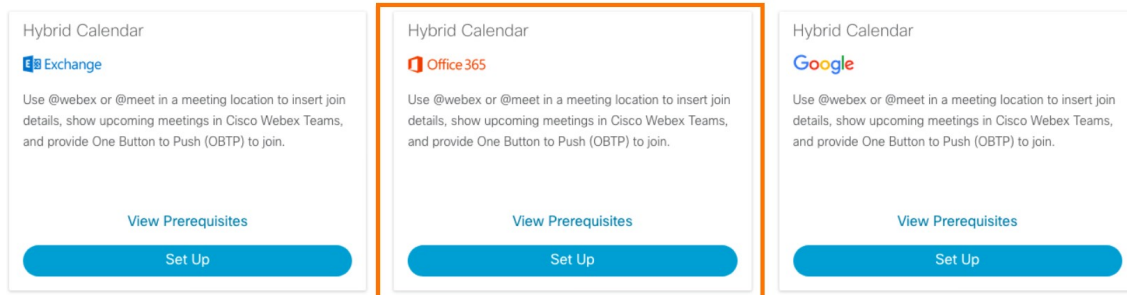
### Procedure

- Step 1** On Adam's WKST1 desktop, log in to **Webex Meetings** with Adam's **unique username** (amckenzie@xxxx.onmicrosoft.com).
- Step 2** Select the **Cisco Webex Meeting URL** and **password**. Accept any warnings.
- Step 3** Click the **Settings** (gear) icon in top-right corner. Select **Preferences**.
- Step 4** Click **Account**. Make a note of the **Webex site URL** listed.
- Step 5** In **Microsoft Teams**, click **Cisco Webex Meetings** app in the left side bar. A Webex chat window opens.
- Step 6** Set your default meeting URL: type "**site Webex site URL**". (Where *Webex Site URL* is your unique site noted



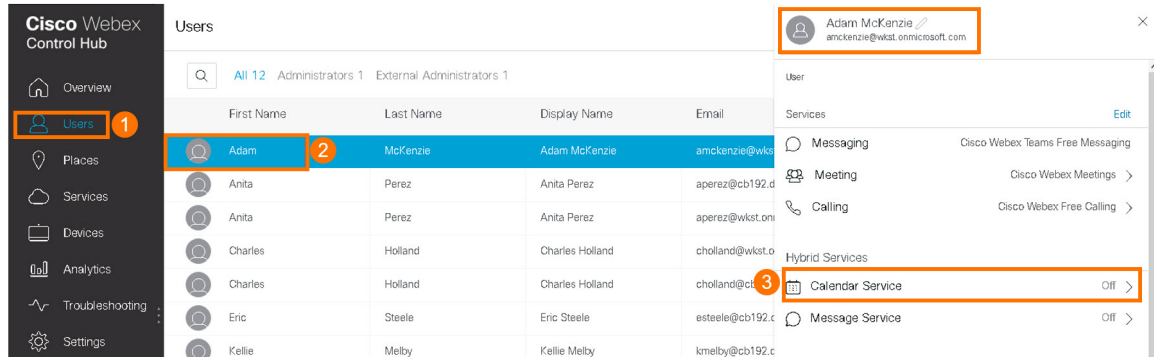
- Step 7** Repeat steps above on **WKST3 (Monica)** and **WKST2 (Anita)**.
- Step 8** On Adam's **WKST1**, open **Firefox**. Navigate to **Collaboration Admin Links > Cisco Webex Control Hub**.
- Step 9** Log in with email **cholland@cbXXX.dc-YY.com** (the domain you find in Session Details) and password **dCloud123!**

- Step 10** Scroll down and select **Hybrid Calendar** for **Office 365**. Be aware there are similar hybrid calendar options in the Exchange card. Be sure you select the correct Office 365



- Step 11** Click **Set Up**.
- Step 12** On the authorization Microsoft pops up window, keep the Office 365 instance Worldwide and click **Authorize**.
- Step 13** Enter your **O365 trial account admin credentials** and log in.
- Step 14** Click **Accept** on the permissions popup.

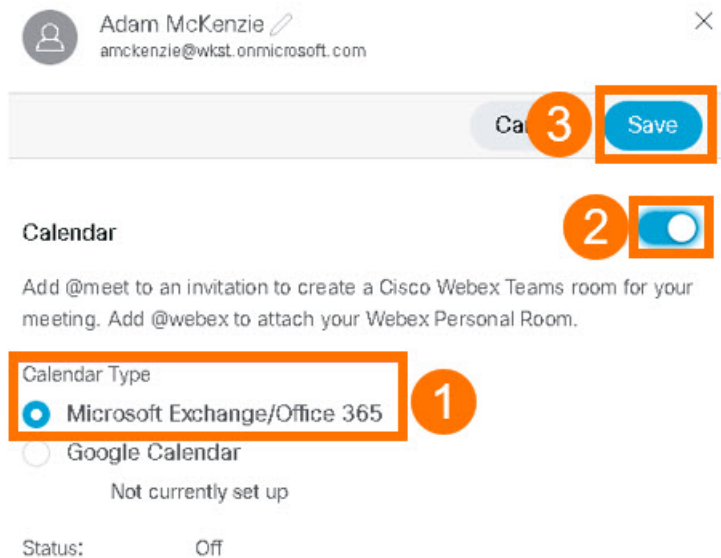
- Step 15** It will take you back to Webex Control Hub and where you will be prompted to enter a test email id to verify the setup. Enter any of the users' **email O365 ID** and click **Test**.
- Step 16** When Setup Complete, click **Done**. Hybrid Calendar service status displays as Operational.
- Step 17** Click **Users** in the Webex Control Hub navigation.
- Step 18** Click **Adam McKenzie** (with domain of O365 tenant) and click **Calendar**



The screenshot shows the Cisco Webex Control Hub interface. On the left, the 'Users' tab is selected in the navigation menu (1). The main area displays a table of users. The user 'Adam McKenzie' is highlighted in blue (2). On the right, the user's profile is shown, and the 'Calendar Service' toggle is turned on (3).

First Name	Last Name	Display Name	Email
Adam	McKenzie	Adam McKenzie	amckenzie@wks...
Anita	Perez	Anita Perez	aperez@cb192.d...
Anita	Perez	Anita Perez	aperez@wks.on...
Charles	Holland	Charles Holland	cholland@wks.o...
Charles	Holland	Charles Holland	cholland@cb192.c...
Eric	Steele	Eric Steele	esteele@cb192.c...
Kellie	Melby	Kellie Melby	kmelby@cb192.c...

- Step 19** Under Calendar Type, the **Microsoft Exchange/Office 365** will be already selected. Toggle the **key on top right** to enable this service, and click **Save**.



The screenshot shows the user's profile settings. The 'Save' button is highlighted (3). The 'Calendar' toggle is turned on (2). The 'Calendar Type' is set to 'Microsoft Exchange/Office 365' (1).

Calendar Type

Microsoft Exchange/Office 365 (1)

Google Calendar  
Not currently set up

Status: Off

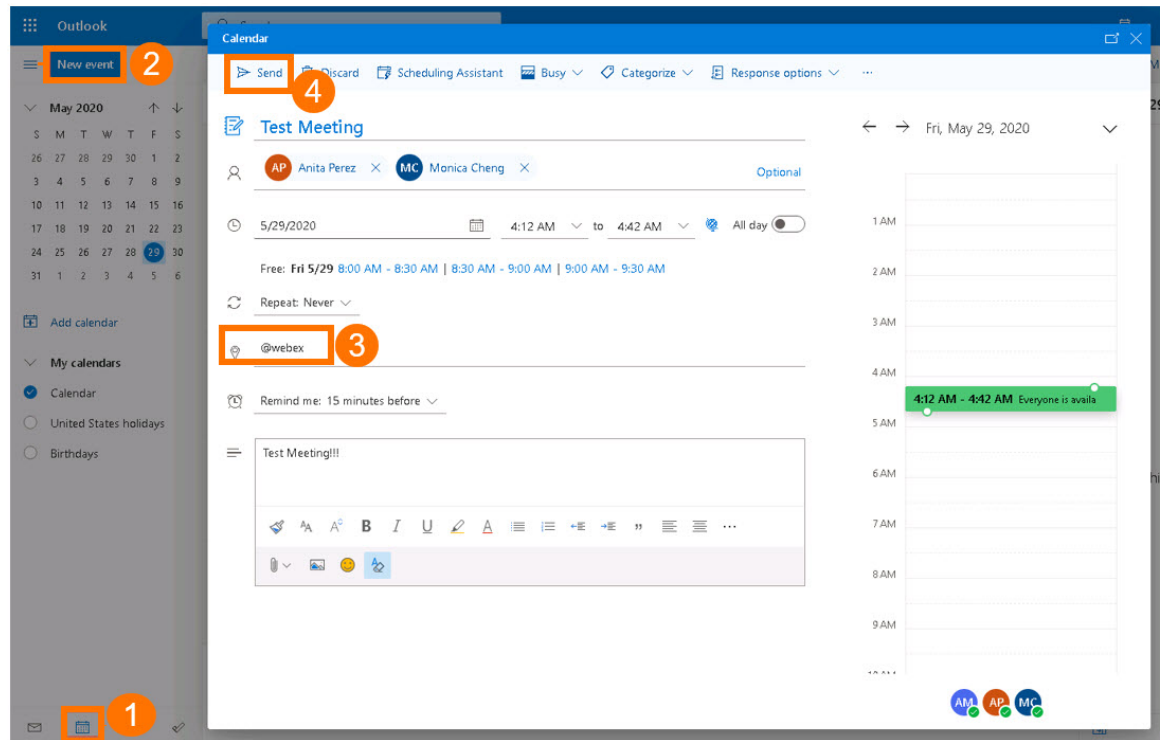
- Step 20** Repeat the **Calendar Service** steps for Anita and Monica.
- Step 21** If not already open, open **Chrome**. Navigate to **Collaboration User Links > O365 Outlook**. Login with **Adam McKenzie's Microsoft O365 credentials**.
- Step 22** Click the **calendar icon** in the bottom-left corner to view Adam's calendar and meetings setup options.
- Step 23** Click **New event** towards the top left.
- Step 24** In the set up meeting options pop up window, enter the following details:
- Add a Title:** Enter any descriptive name for the title
  - Invite Attendees:** Add Anita and Monica
  - Date/Time:** Select today's date and workstation time (or few minutes away)
  - Location:** Enter "@webex"



e) **Add a Description:** Add any description of your choice

### Step 25

Click **Send** in the top-left corner.



**Note** Sometimes a Webex Trial account will take up to 24 hours to activate the PMR (Personal Meeting Room), which enables scheduling meeting with @webex. So, sometimes this @webex option would not work if you have just set up the Webex Meetings account. If you have just set up the trial account, instead of using @webex, you can open Webex Teams to set up the PMR so don't have to wait.

### Step 26

Join the meeting:

Option 1: With Microsoft Teams

- a. On **Adam McKenzie's WKST1**, open Microsoft Teams and click the Calendar icon. The Calendar will be populated with the meeting you just scheduled. Double-click the calendar entry to view meeting details. Right-click **Join** and click **open link** to join the meeting.
- b. Go to **WKST2** and **WKST3** and repeat the above step. Here you don't need to right click and select open the link. You can directly click **Join**.

Option 2: With Outlook

- a. In Outlook, click the upcoming meeting reminder in the top-right corner. Click **Join**.
- b. Repeat on all three workstations.

Move to ✉ Categorize ⌚ Snooze ↶ Undo ... 1 📅 Test Meeting Now, @webex

:b192.dc-01.com 771977 dcloud-webex-org has invited you to Cisco Webex

ⓘ Getting too much email? [Unsubscribe](#)

ⓘ Some content in this message has been blocked because the sender isn't in your Safe senders list. [I trust content from webex\\_comm@webex.com.](#) | [Show blocked content](#)

**C** Cisco <webex\_comm@webex.com>  
Wed 5/27/2020 10:46 PM  
To: Adam McKenzie

Cisco Webex Logo

## Get started with Cisco Webex.

Start using Webex today to have conferences with anyone, anywhere, anytime. Communicate, create, and collaborate more effectively. Get more done in

**Test Meeting**

Fri 5/29/2020 4:18 AM - 4:48 AM

@webex

[Edit](#) [Cancel](#)

**AM** You're the organizer.  
Anita Perez and Monica Cheng didn't respond.

☰ Test Meeting!!!  
- Do not delete or change any of the following text. -

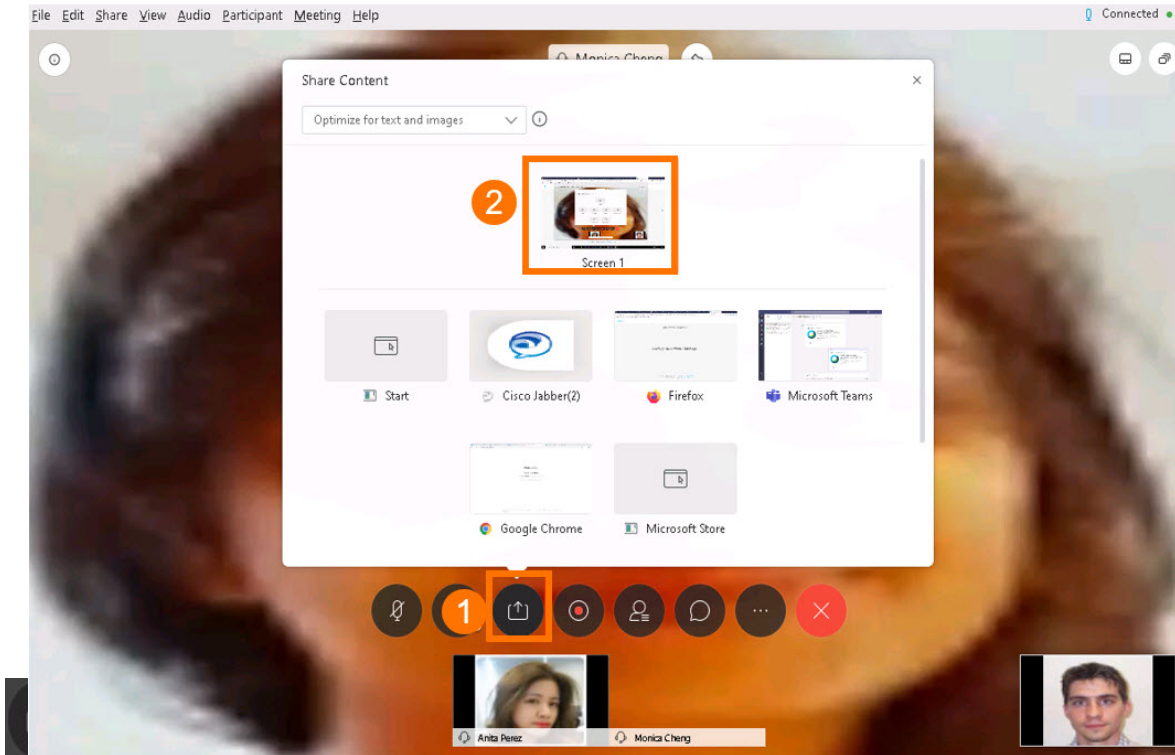
**Join meeting in my Webex Personal Room**

Meeting number (access code):  
120 801 681 3

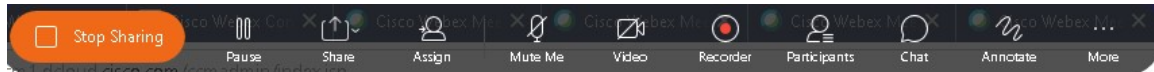
[Join](#) 2

- Step 27** If you are joining a meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the **plugin**. (You are required to do this only once the first time.)
- Step 28** You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not available.)

**Step 29** On **WKST 1**, click **Share Content**



**Step 30** Explore other options:



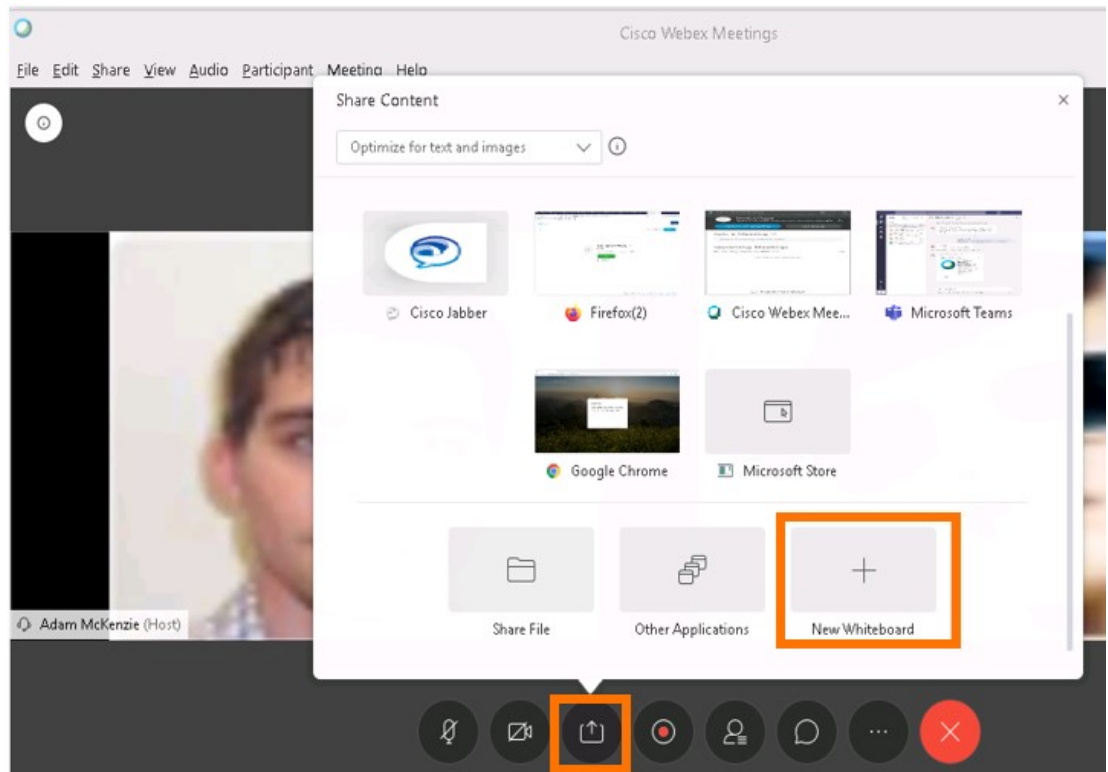
- You can **Record** [Recorder] the meeting from the host workstation.



- You can **Annotate** [Annotate] a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.
- You can start a new Whiteboard and share it with others so that they can view/edit what you are

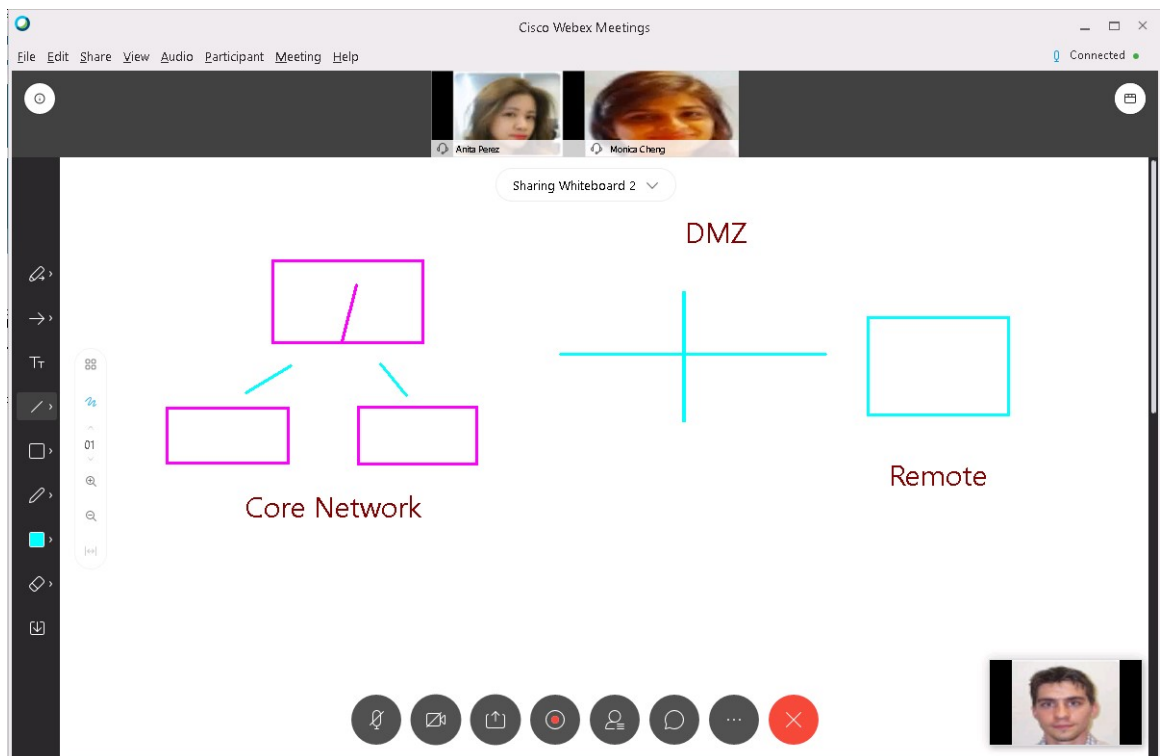


writing/drawing. To do so, click the **Share Content** icon [Share Content] and select **New Whiteboard**.



**Step 31**

Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with others.



**Step 32** End/leave the meeting on all workstations.

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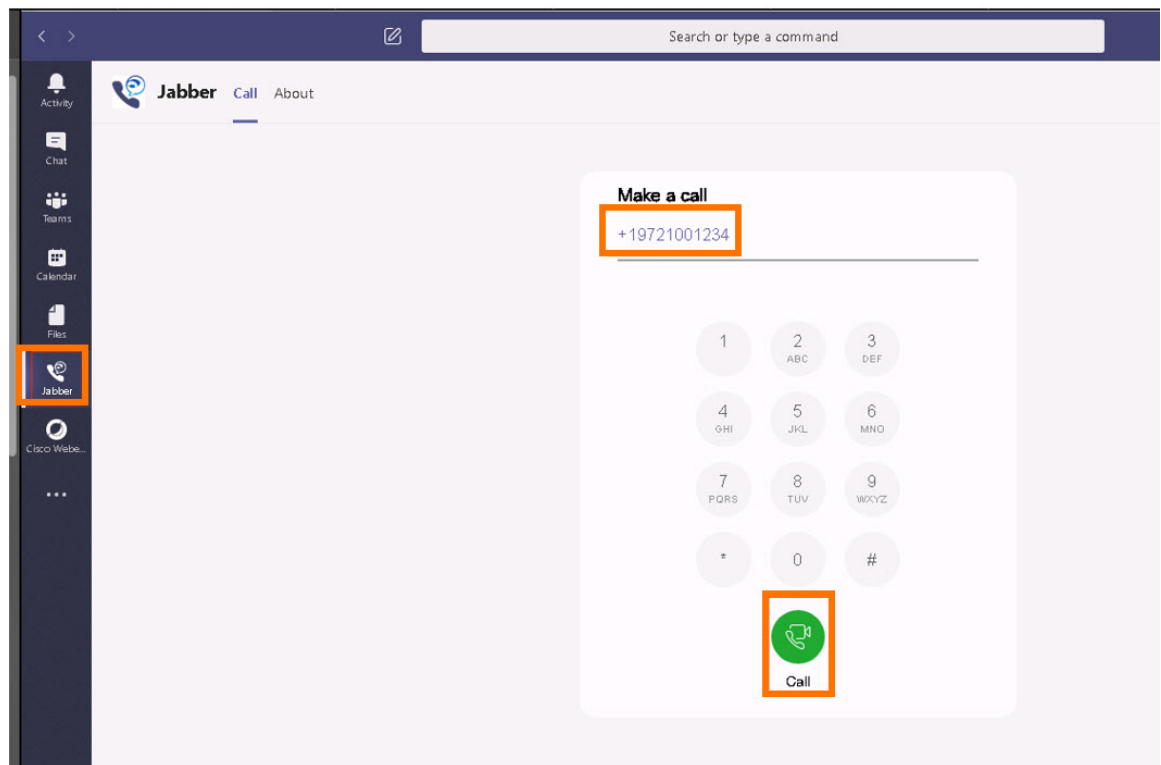
## Jabber Call Outside Company (PSTN Calling)

After Adam hangs up the call with his colleagues on Webex Meetings, he needs to call his customer to check about a recent software update.

### Procedure

---

- Step 1** In Adam's WKST1 Microsoft Teams, click the **Jabber** icon on the left side bar.
- Step 2** If prompted, click **Give Permission**. If prompted, click **Accept**.
- Step 3** On the dial pad, enter any PSTN number, such as your cell phone (within USA), using the E.164 format (+1XXXYYYZZZZ). Click **Call**.
- Step 4** Answer the call on the phone and verify the call is



## OPTIONAL: Cisco Phone/Cisco Video Endpoint

If you have a Cisco IP phone and/or video endpoint, you can control either from the same Microsoft Teams/Cisco Jabber plugin running on our workstations. We can use the Cisco Jabber plugin from Microsoft Teams to place a Call, answer a Call, Mute/Unmute, Hold/Unhold, Transfer, Conference, etc.

## Procedure

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- Step 1** Register device for **Adam McKenzie (x6016)** and/or **Monica Cheng (x6020)**. [[Show Me How](#)]
- Step 2** Once the device is registered or provisioned, log in to **Adam's WKST1** and/or **Monica's WKST3**, if not already logged in.
- Step 3** Open Cisco **Jabber**. Towards the bottom-right, click the **icon** resembling a computer.
- Step 4** Click the **Device for Calls drop-down arrow** and click the **registered/provisioned device**. It will take a few seconds to update. After updating, the computer icon will now be a phone icon.
- Step 5** Repeat steps to register or provision a second device, if you are registering two devices.
- Step 6** On the WKST for which you registered the device, go to Microsoft Teams and click the **Jabber** icon below the message field. A pop-up window displays all the available numbers and URIs for that user.
- Step 7** Click either the **URI** or the **phone number**:
- URI: It will be an MRA call, which will enable both-side videos [if the devices are video-enabled]
  - DN: It will be a PSTN call, which is only voice.
- Step 8** **Note** If you registered/provisioned a device for one user and not the other user (still using a virtual workstation), you will not be able to send audio from this virtual workstation.

Move to the other WKST or to the other user's endpoint device. Answer the call and verify audio (or video) works both ways.

---

# Scenario 2: Cisco Webex Call and Webex Meetings Integration into Microsoft Teams

Cisco Webex Teams registered with UCM for Microsoft Teams is administered by an easy-to-use plugin with these features:

- Webex Teams registered to CUCM as CSF device.
- Click Webex Call in a conversation to get all user contact details and choose to call.
- Click Calls for dial pad and PSTN/MRA dialling.
- Register a physical endpoint and control it directly from Microsoft Teams using Teams.



**Note** **IMPORTANT** Make sure you have completed *\*all\** set up instructions in the Get Started section.

In the first few steps, you will log into each workstation. For best performance, connect to the workstation with Cisco AnyConnect VPN [[Show Me How](#)] and the local RDP client on your laptop [[Show Me How](#)].

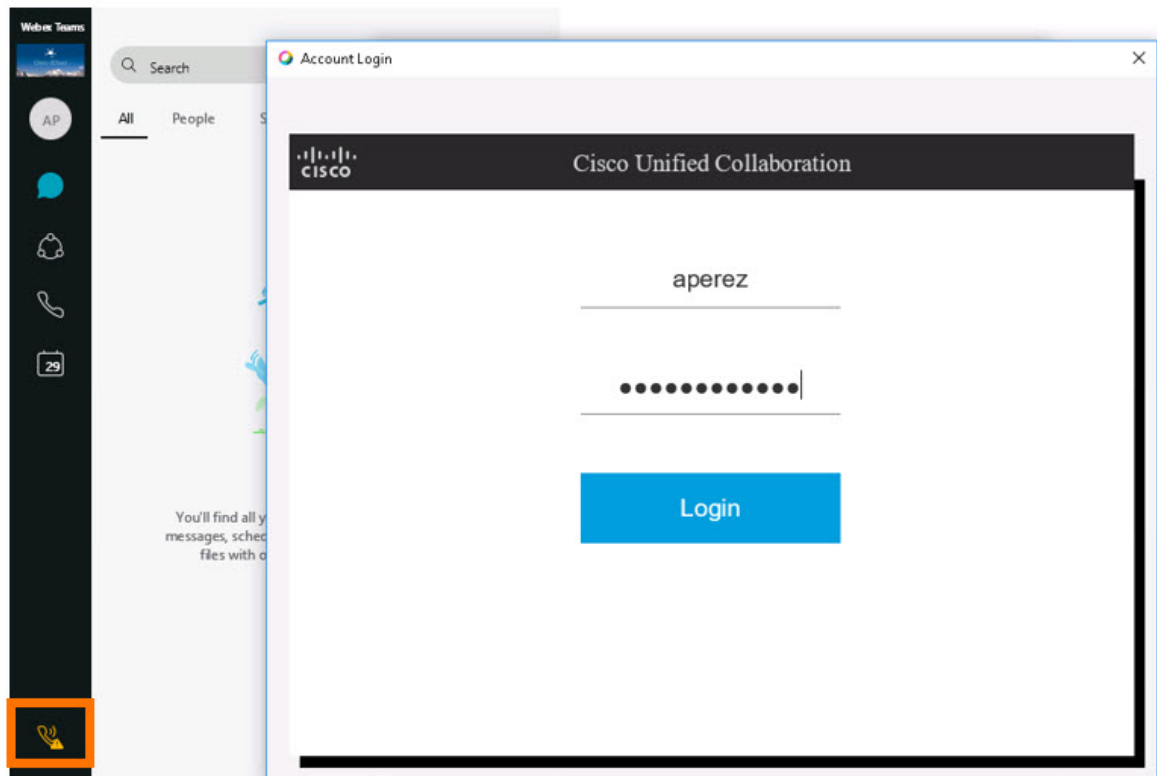
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## Procedure

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- Step 1** Log in to **WKST1**:
- IP Address: **198.18.1.36**
  - UserName: **dcloud\amckenzie**
  - Password: **dCloud12345!**
- Step 2** Log in to **WKST3**:
- IP Address: **198.18.1.38**
  - UserName: **dcloud\mcheng**
  - Password: **dCloud12345!**
- Step 3** Log in to **WKST2**:
- IP Address: **198.18.1.37**
  - Username: **dcloud\aperez**
  - Password: **dCloud12345!**
- Step 4** On **Anita's WKST2**, open Cisco Webex Teams from desktop and log in using the credentials **aperez@cbXX.YYY-0Z.com** and **dCloud123!** (**cbXX.YYY-0Z.com** is the domain [DNS] from session details).
- Step 5** You will enter the credentials for CSF device to register with UCM in the popup window. (If you do not see the popup window, click the **exclamation/triangle** window in bottom-left corner and the popup window will display.) Enter credentials **aperez** and **dCloud12345!**

**Step 6** Click **Login**. Accept any warnings. Webex Teams will register with UCM. You can close the Webex Teams client by clicking **X** in top-right corner; it will continue running in the

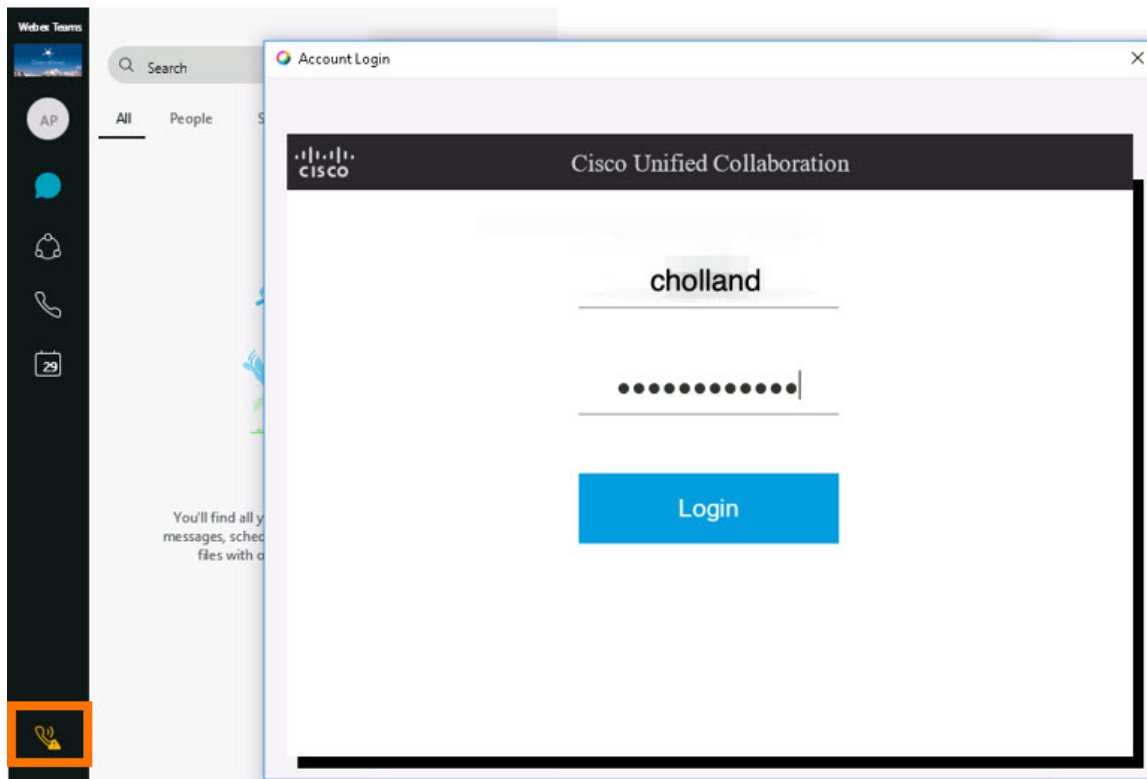


**Step 7** On **Charles Holland's WKST 4**, open Cisco Webex Teams from the desktop and log in using the credentials **cholland@cbXX.YYY-0Z.com** and **dCloud123!** (**cbXX.YYY-0Z.com** is the domain [DNS] from session details).

**Step 8** You will enter the credentials for CSF device to register with UCM in the popup window. (If you do not see the popup window, click the **exclamation/triangle** window in bottom-left corner and the popup window will display.) Enter credentials **cholland** and **dCloud12345!**



**Step 9** Click **Login**. Accept any warnings. Webex Teams will register with UCM. You can close the Webex Teams client by clicking **X** in top-right corner; it will continue running in the

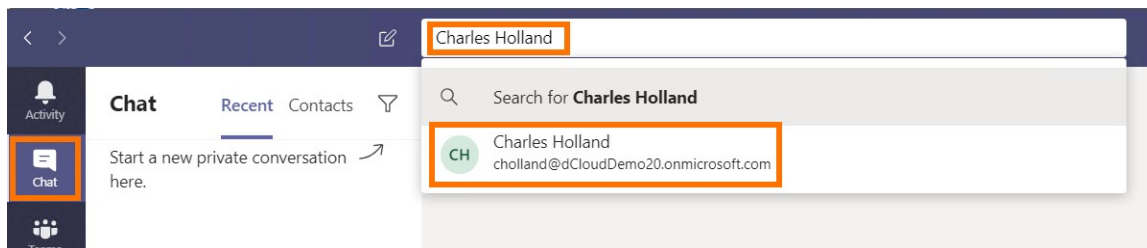


**Step 10** Open Microsoft Teams (log in with your O365 details if you haven't logged in yet) on all workstations.

## Webex Call

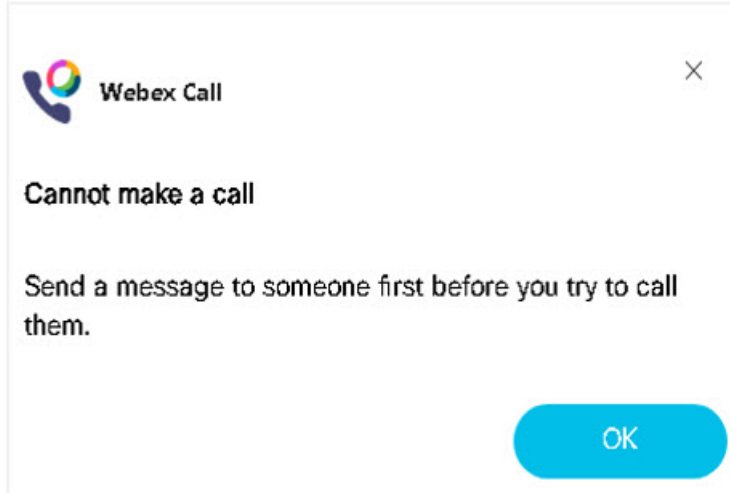
### Procedure

**Step 1** In **Microsoft Teams** on **Anita's WKST2**, click **Chat** in left side bar. Search for **Charles Holland**. Click Charles' contact to start a chat



**Step 2** Type something similar to, "Hey Charles - Good Morning. I have a quick question on the customer portal we were setting up. Would you have a min to talk?"

**Step 3** Respond from **Charles on WKST4** by typing, “**Sure, I am available. Call**

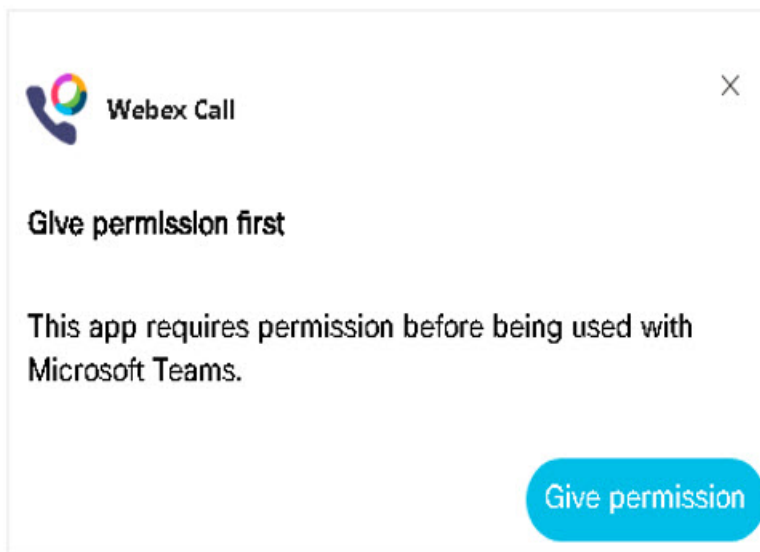


**Note** Make sure you send a message to the contact before you call them; otherwise, you will receive a warning message when accessing Jabber from the bottom navigation icons.



**Step 4** From **Anita’s WKST2**, click the **Webex Call** icon [  ] located the below typing window.

**Step 5** A new popup window will show up to give permission to use Webex Call plugin from Microsoft Teams. This is required for the first time you use Webex Call in Microsoft Teams. Click **Give**



**Step 6** Enter the Microsoft teams password you created during set up (aperez@xxxx.onmicrosoft.com) and click **Sign In**.

**Step 7** If you receive the More Information Requested popup, click **Skip for now**. DO NOT click Next.

**Step 8** If you receive the Permissions Requested popup, click **Accept**.

**Step 9** Click either Charles’ URI or phone number based on the following criteria:

- URI: An MRA Call, which enables both-side videos

- DN: PSTN call, which is only voice

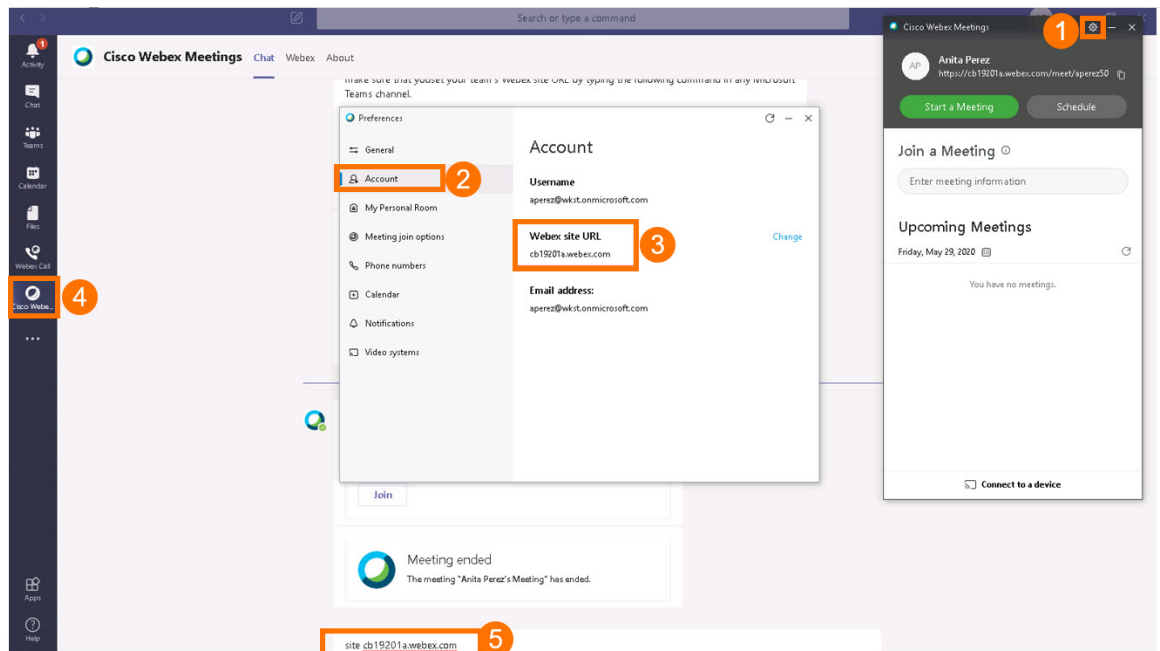
- Step 10** Click **Yes** on the Use Webex Teams to Call pop up window.
- Step 11** Answer the call on **Charles' WKST4** and verify audio (and video if MRA call) works both ways. (Since we are using virtual workstations, you cannot hear the audio.)
- Step 12** Hang up the call on either Anita's or Charles' workstation.

## Webex Meetings (UCM Integration) Option 1: Ad Hoc Meeting

During our conversation, we realized we need to bring teammate Adam McKenzie into the conversation. We need to jump into a Webex Meeting.


### Procedure

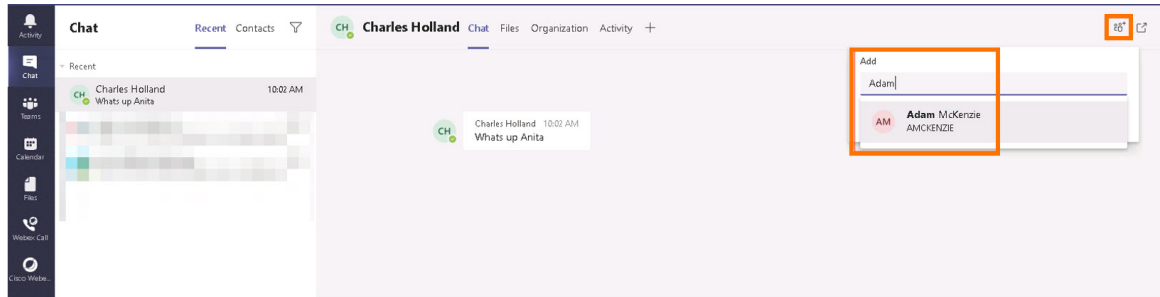
- Step 1** On **Anita's WKST2**, log in to **Webex Meetings** with your unique O365 email (**aperez@xxxx.onmicrosoft.com**).
- Step 2** Select that **URL and password** on the Cisco Webex Meeting URL. Accept any warnings.
- Step 3** Click **Settings** (gear) icon in the top-right corner and select **Preferences**.
- Step 4** On the popup window, click **Account** and copy (or otherwise note) the site listed under **Webex site URL**.
- Step 5** In **Microsoft Teams** on **Anita's WKST2**, click **Cisco Webex Meetings** app from the left side bar.
- Step 6** Cisco Webex Meetings opens with a Chat. Set your default meeting URL by typing a command in the format "**site Webex site URL**", where **Webex Site URL** is the site you noted



- Step 7** Repeat steps above on **WKST4 (Charles)** and **WKST1 (Adam)**.

**Step 8**

On Anita's WKST2, go to the Chat window with Charles and click the **Add People** [  ] icon in the top-right

**Step 9**

Type "Adam McKenzie." Click his **contact name** and click **Add**. This will create a new chat window with Charles, Adam, and Anita.

**Step 10**

Send a Message from Anita's WKST2 to the new chat group. "Hello Adam & Charles, creating this chat to track the issues we found. Need to speed up as we have customer delivery date coming up."


**Step 11**

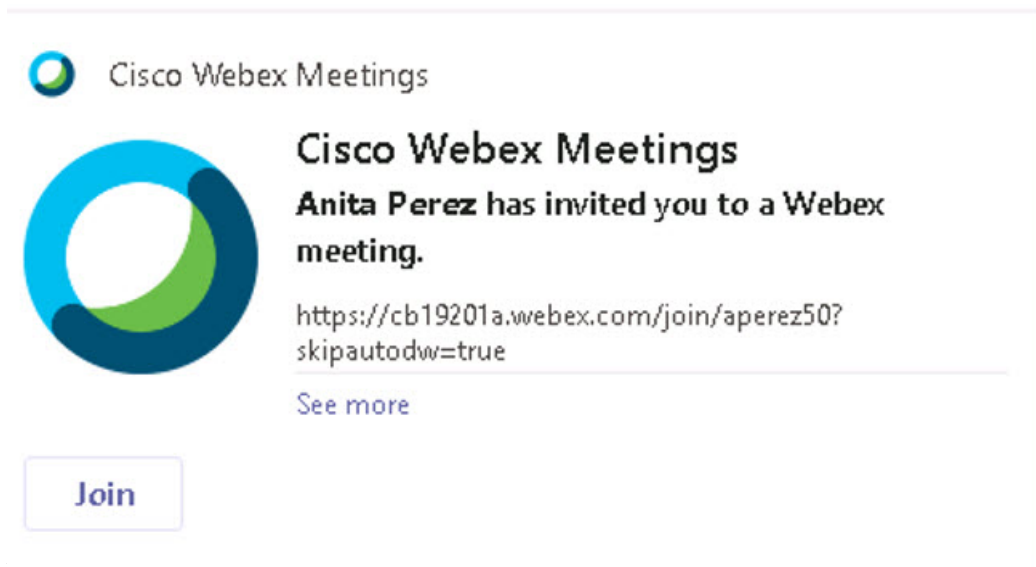
Go to WKST4 and respond as Charles, "Yes we have to. Can we jump on a Webex call to discuss?"

**Step 12**

Go to WKST1 and respond as Adam, "Sure, I am available now. Let's jump on Webex."

**Step 13**

Go back to Anita's WKST2 and click the **Cisco Webex Meetings** [  ] icon located directly below the message window. It will list the Webex Meeting URL to invite others to the meeting. Click the link; it will create a message with the Meeting URL. Send that message in the

**Step 14**

Click **Join** from all three workstations to launch Cisco Webex Meetings.

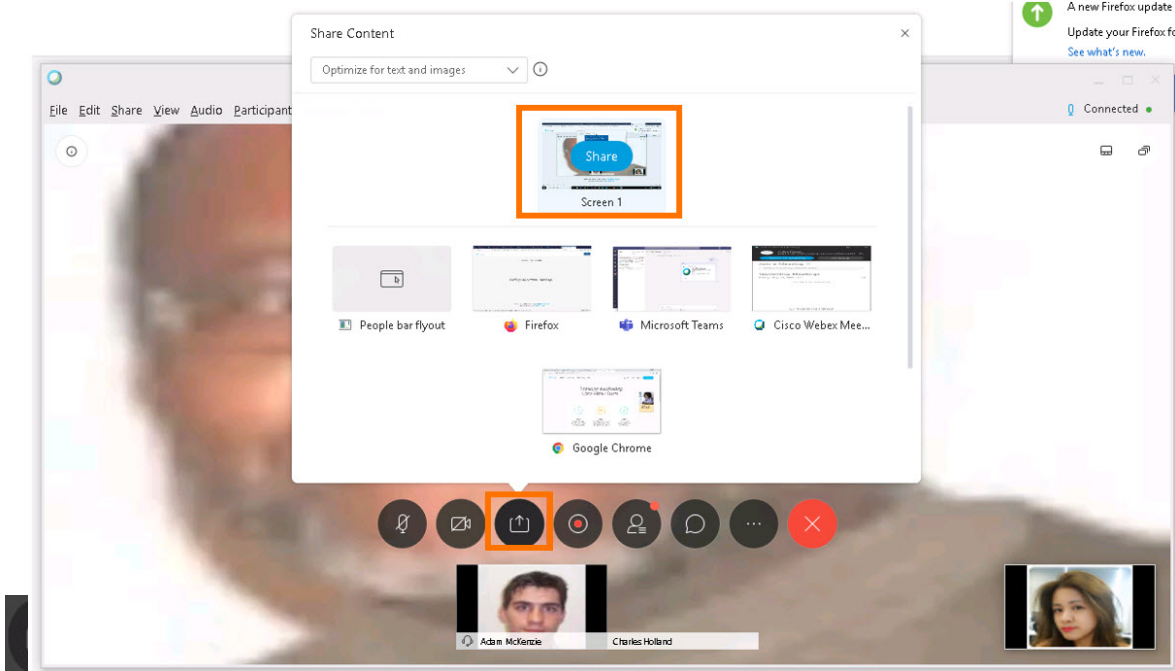
**Step 15**

Click **Join Meeting** on all three workstations. If you are joining the meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the plugin. (You are required to do this only once the first time.)

**Step 16**

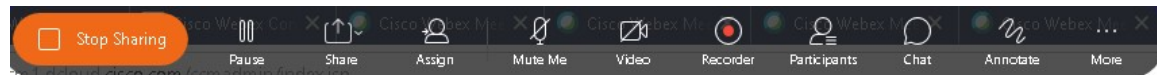
You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not available.)

**Step 17** On WKST 2, click **Share Content**



**Note** Usually any user in the meeting can start sharing content from their workstation. As we are using trial account for Webex Meetings, only Host (Anita Perez) can share. If any other user in the meeting wants to share, they can request permission and Anita (host) has to accept it.

**Step 18** Explore other options:



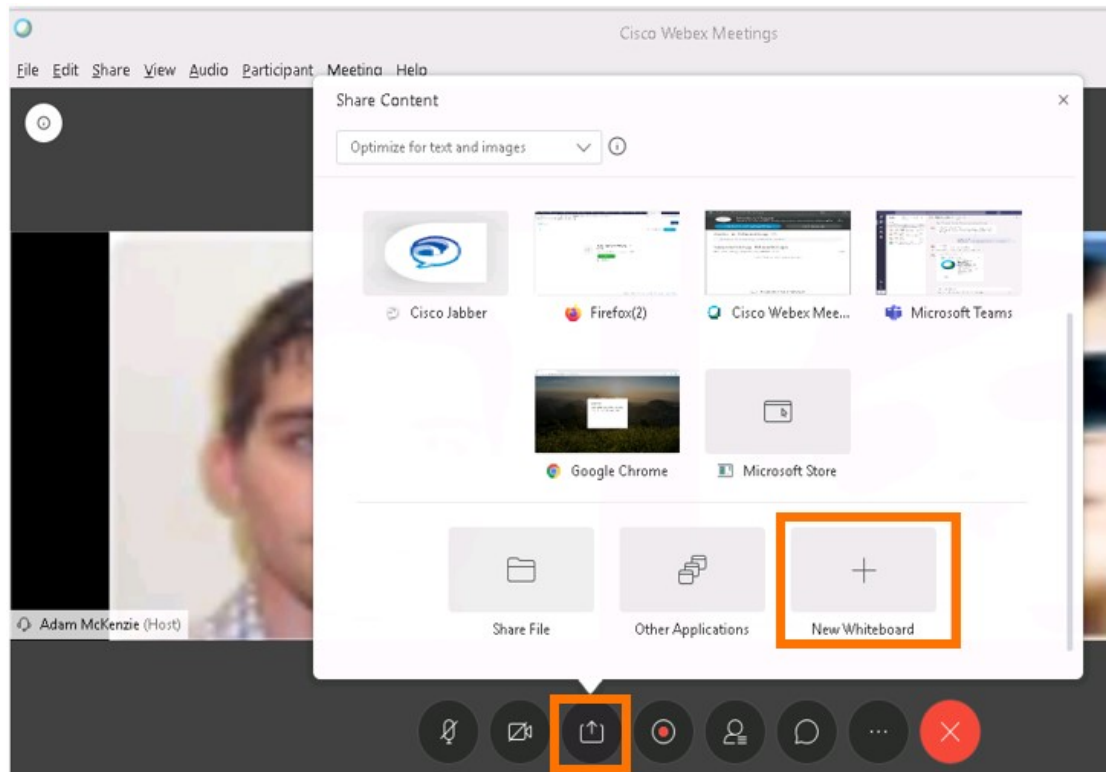
- You can **Record** [Recorder] the meeting from the host workstation.



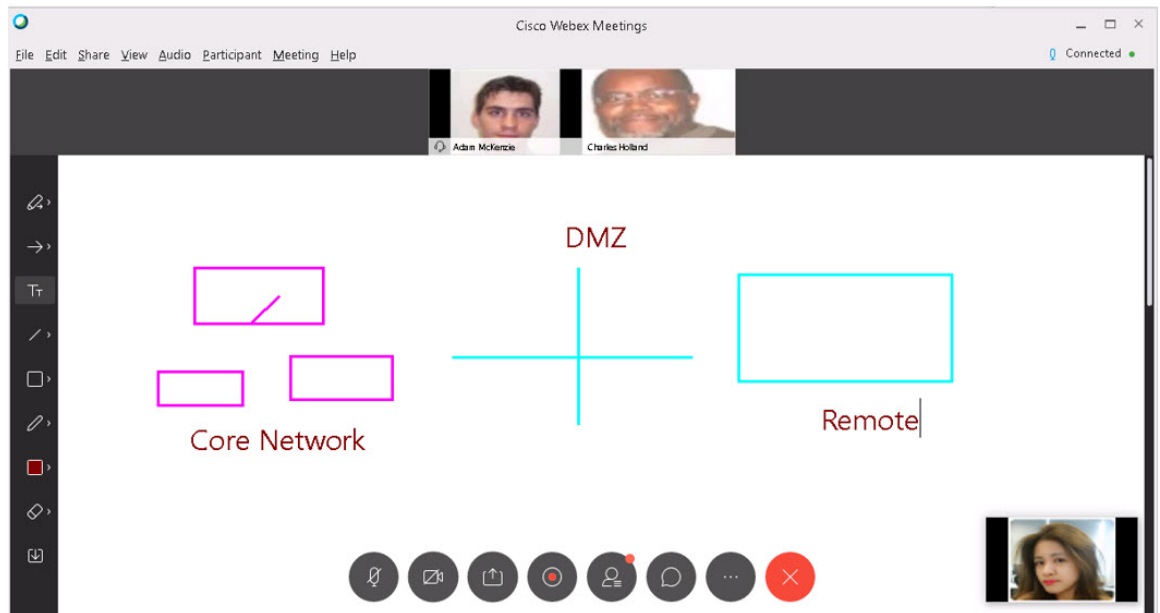
- You can **Annotate** [Annotate] a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.

- You can start a new Whiteboard and share it with others so that they can view/edit what you are

writing/drawing. To do so, click the **Share Content** icon [Share Content icon] and select **New Whiteboard**.



**Step 19** Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with

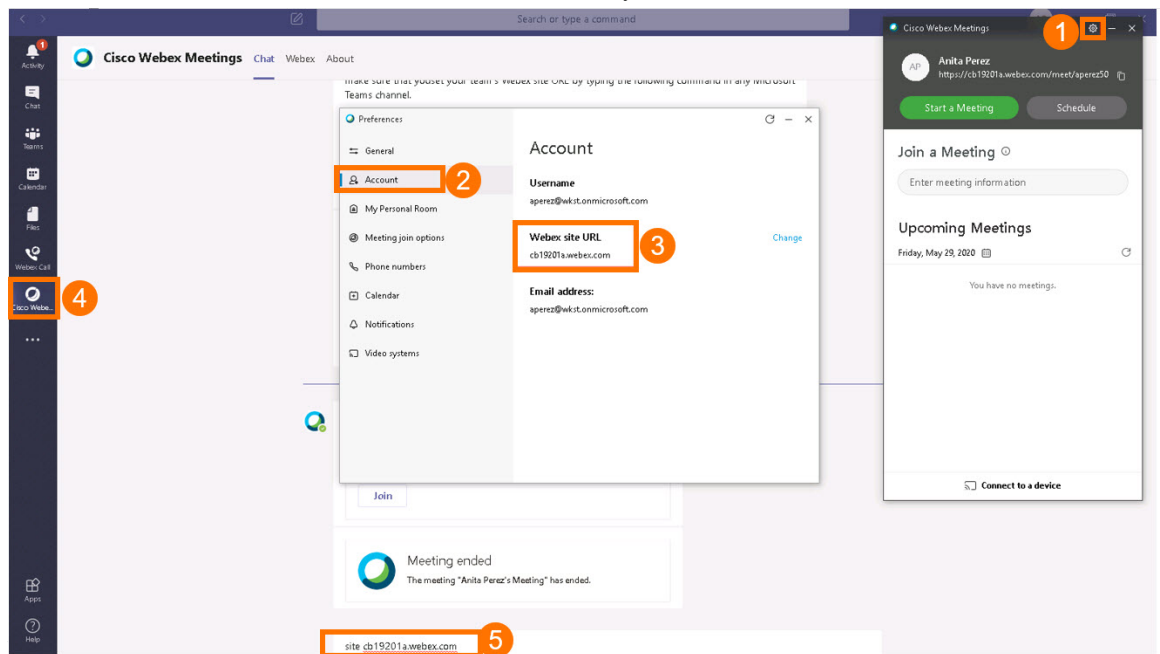


**Step 20** End/leave the meeting on all workstations.

# Webex Meetings (UCM Integration) Option 2: Scheduling Webex Meeting from Microsoft Teams

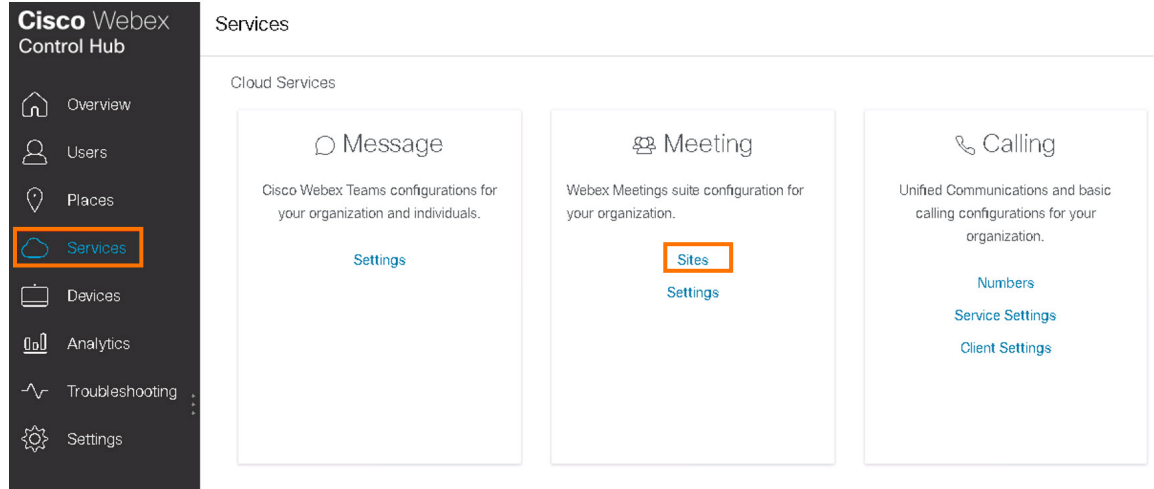
## Procedure

- Step 1** On Anita's WKST2, log in to **Webex Meetings** with your unique O365 email ([aperez@xxxx.onmicrosoft.com](mailto:aperez@xxxx.onmicrosoft.com)).
- Step 2** Select that **URL and password** on the Cisco Webex Meeting URL. Accept any warnings.
- Step 3** Click **Settings** (gear) icon in the top-right corner and select **Preferences**.
- Step 4** On the popup window, click **Account** and copy (or otherwise note) the site listed under **Webex site URL**.
- Step 5** In **Microsoft Teams** on Anita's WKST2, click **Cisco Webex Meetings** app from the left side bar.
- Step 6** Cisco Webex Meetings opens with a Chat. Set your default meeting URL by typing a command in the format "**site Webex site URL**", where *Webex Site URL* is the site you noted



- Step 7** Repeat steps above on **WKST4 (Charles)** and **WKST1 (Adam)**.
- Step 8** On Anita's WKST2, open **Firefox**. Navigate to **Collaboration Admin Links > Cisco Webex Control Hub**.
- Step 9** Log in with email **cholland@cbXXX.dc-YY.com** (the domain you find in Session Details) and password **dCloud123!**

**Step 10** Click **Services** in left side pane. In the Meeting card, select



**Step 11** Click the meeting site.

**Step 12** Click **Configure Site**.

**Step 13** Select **Site Options** under **Common Settings**.

**Step 14** Scroll down to **Third-Party Integration**. Add a check mark to **Automatically link users with Webex site if their Webex account email address matches their Microsoft Office 365 email address**.

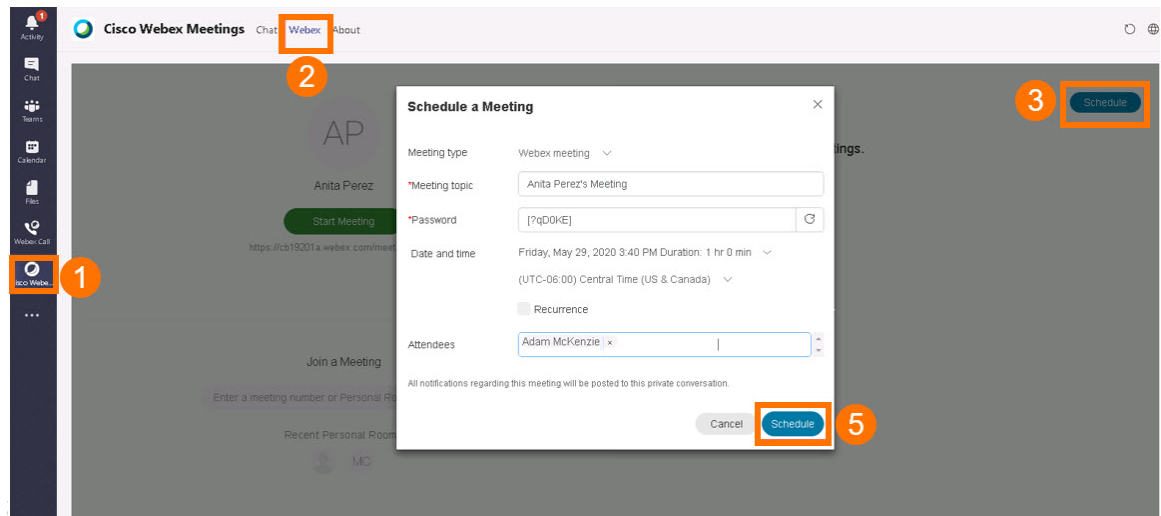
**Step 15** Click **Add New Authorization**. In the pop up window, enter your **Microsoft Admin credentials** and **Accept** the permissions requested by Webex Org.

**Step 16** Click **Update** to save changes. Once you update, refresh the page and scroll down to **Third-Party Integration** again and verify your Microsoft Tenant is listed.



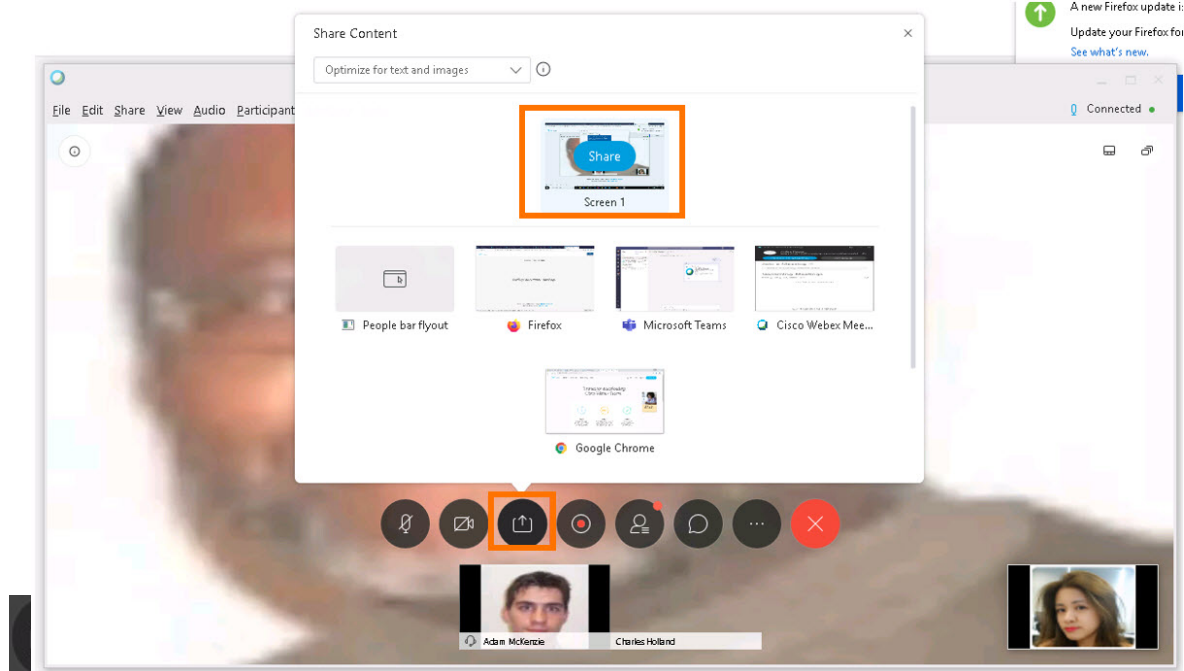
- Step 17** On Microsoft Teams on Anita's **WKST2**, click **Cisco Webex App** on the left side pane.
- Step 18** Click **Webex** tab next to Chat. Webex Teams will load your Meeting PMR (Personal Meeting Room) and displays the option to schedule meetings.
- Step 19** Click on **Schedule**. Set up a meeting with the following details:
- Meeting Topic: Type anything of your choice
  - Password: You can keep the automatically generated password or type any of your choice
  - Date and Time: Select current date and time of the workstation (or a few minutes in the future)
  - Attendees: Add **Adam** and **Monica** to the list and click **Schedule**

**Step 20** Click **Schedule**. The meeting is



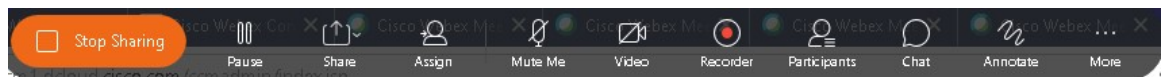
- Step 21** You will see the updated meeting list on the Webex tab. Click **Start** to start the meeting.
- Step 22** In Microsoft Teams on **WKST1**, click the **Webex Meeting App** on the left side pane. Click the **Webex** tab. It will list the PMR information and all scheduled meetings. Click **Join** for the newly scheduled meeting in process. Repeat for **WKST4**.
- Step 23** If you are joining a meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the **plugin**. (You are required to do this only once the first time.)
- Step 24** You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not available.)

### Step 25 On WKST 2, click Share Content



**Note** Usually any user in the meeting can start sharing content from their workstation. As we are using trial account for Webex Meetings, only Host (Anita Perez) can share. If any other user in the meeting wants to share, they can request permission and Anita (host) has to accept it.

### Step 26 Explore other options:



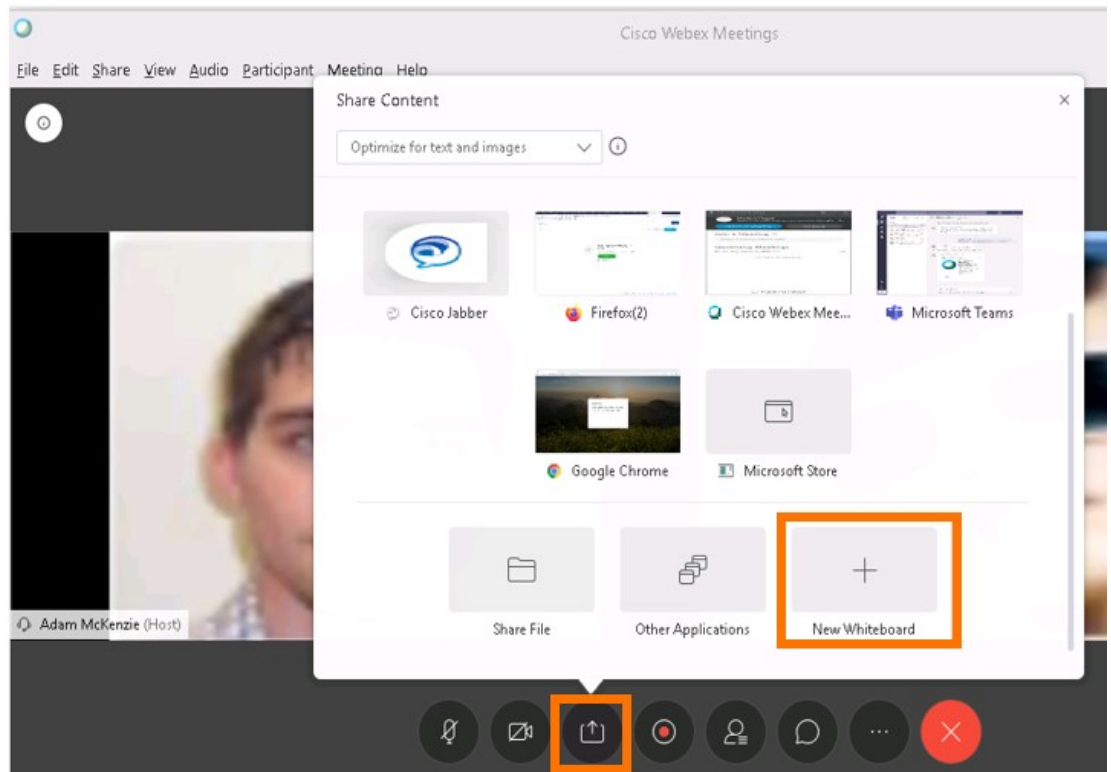
- You can **Record** [Recorder] the meeting from the host workstation.



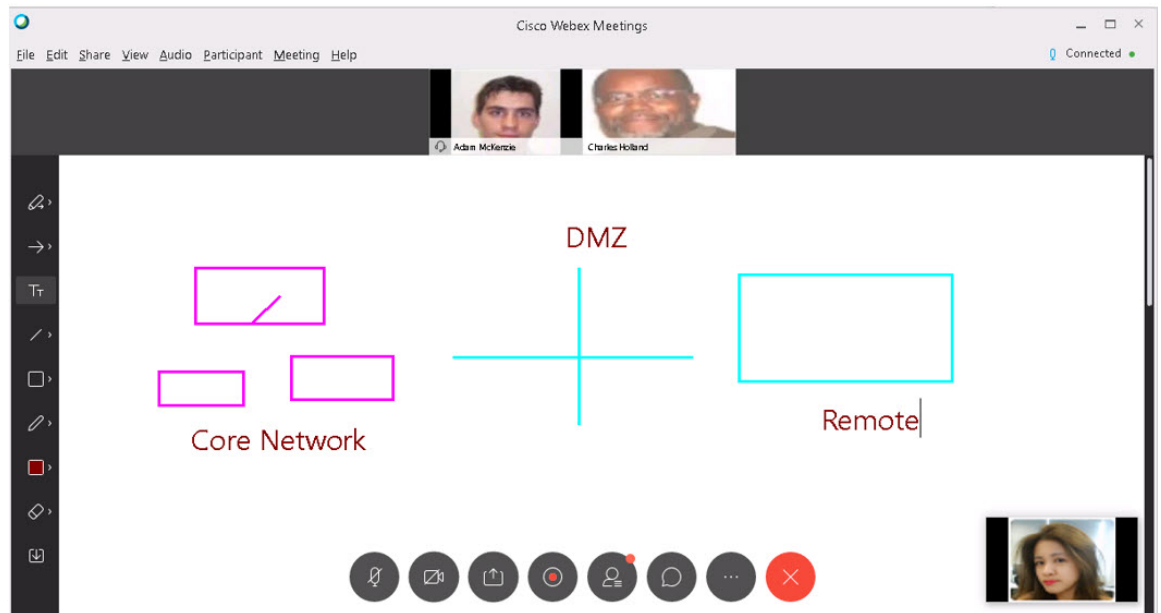
- You can **Annotate** [Annotate] a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.
- You can start a new Whiteboard and share it with others so that they can view/edit what you are

writing/drawing. To do so, click the **Share Content** icon [Share Content icon] and select **New Whiteboard**.





**Step 27** Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with

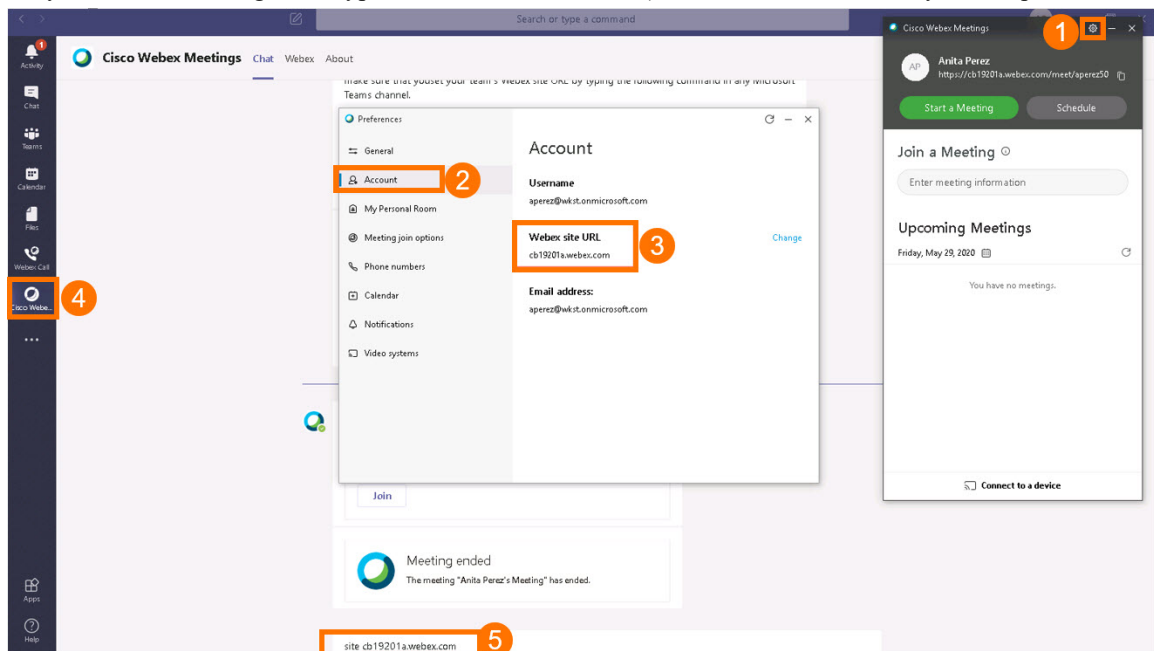


**Step 28** End/leave the meeting on all workstations.

## Webex Meetings (UCM Integration) Option 3: Scheduling Webex Meetings with @webex Option from Microsoft 0365 Outlook

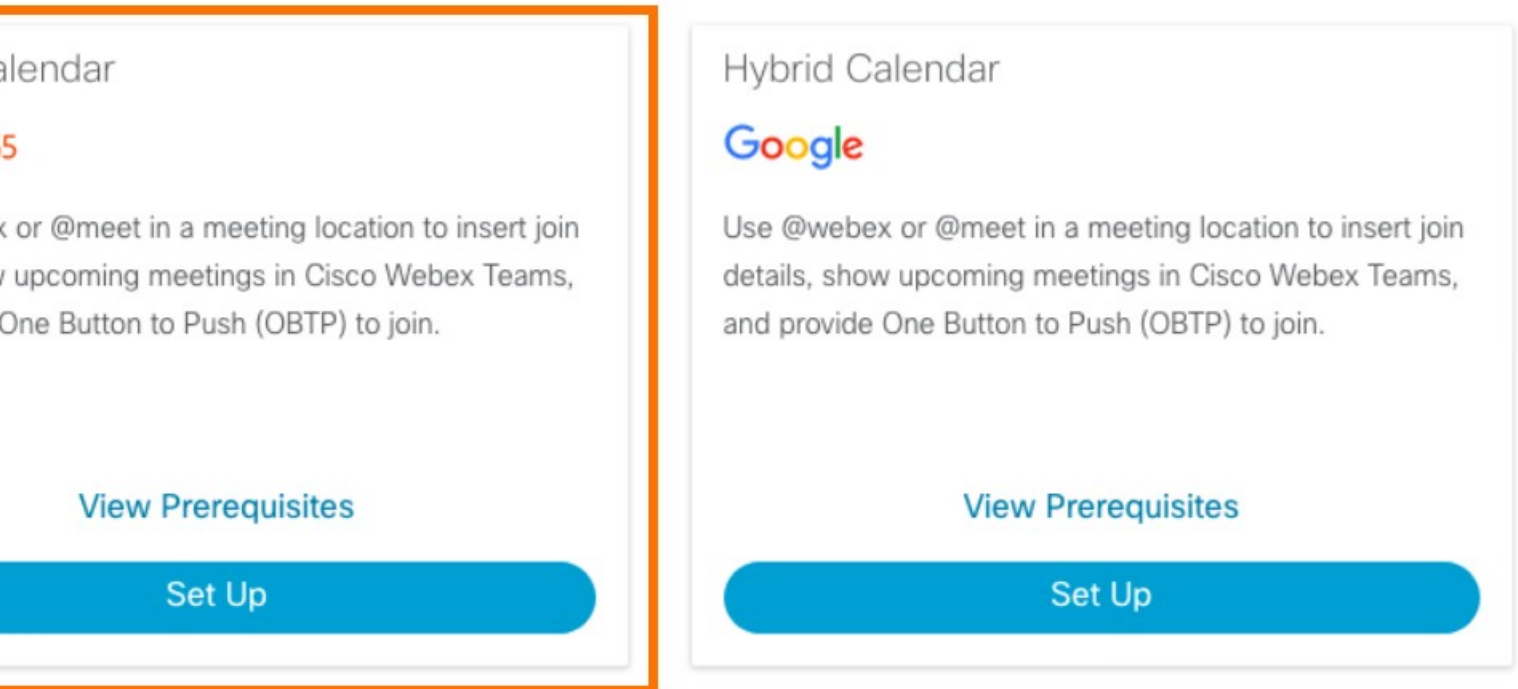
### Procedure

- Step 1** On Anita's WKST1 desktop, log in to Webex Meetings with Anita's unique username (aperez@xxxx.onmicrosoft.com).
- Step 2** Select the Cisco Webex Meeting URL and password. Accept any warnings.
- Step 3** Click the Settings (gear) icon in top-right corner. Select Preferences.
- Step 4** Click Account in the popup window. Make a note of the Webex site URL listed.
- Step 5** In Microsoft Teams, click Cisco Webex Meetings app in the left side bar. A Webex chat window opens.
- Step 6** Set your default meeting URL: type "site *Webex site URL*". (Where Webex Site URL is your unique site noted



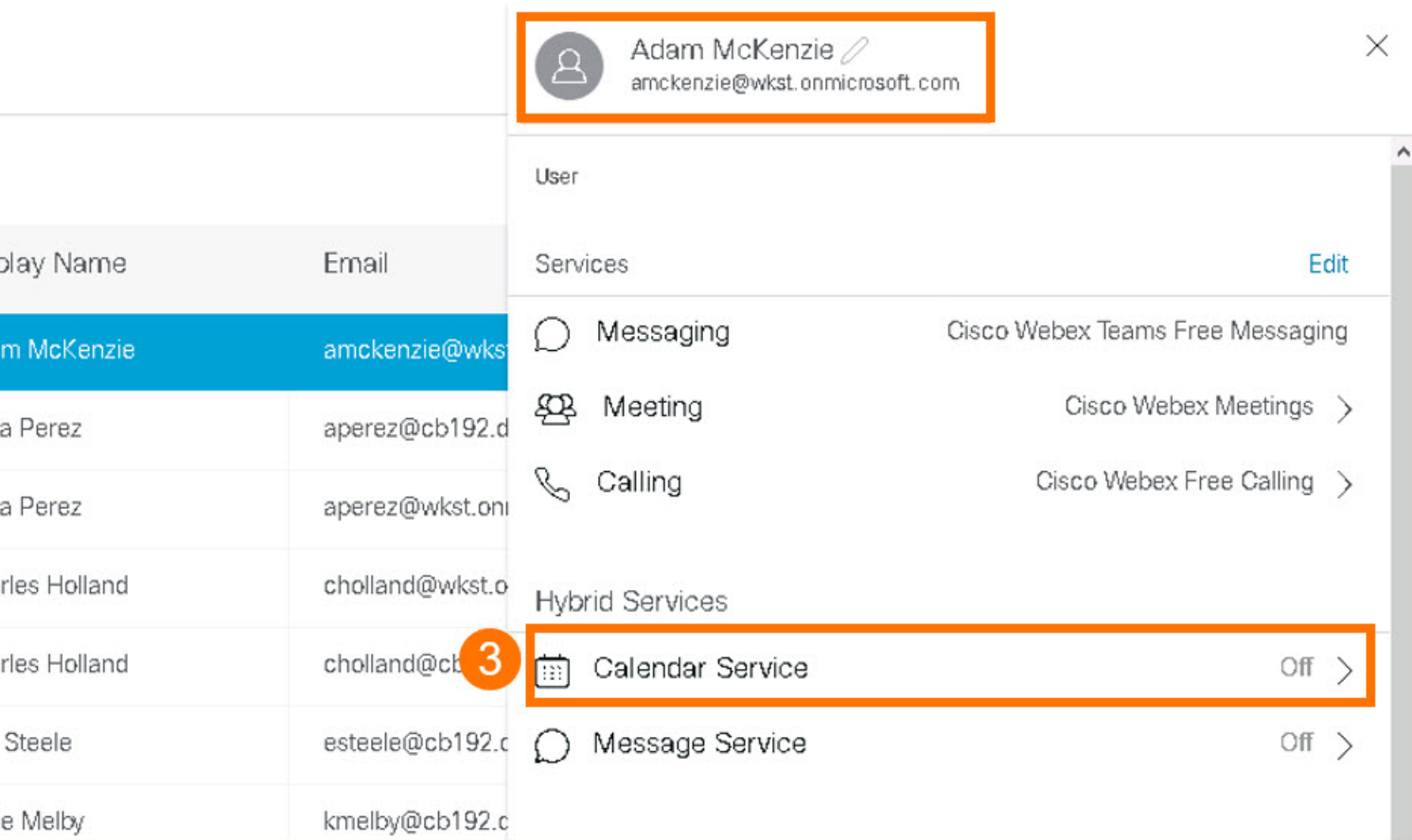
- Step 7** Repeat steps above on WKST4 (Charles) and WKST1 (Adam).
- Step 8** On Anita's WKST2, open Firefox. Navigate to Collaboration Admin Links > Cisco Webex Control Hub.
- Step 9** Log in with email cholland@cbXXX.dc-YY.com (the domain you find in Session Details) and password dCloud123!


- Step 10** Scroll down and select **Hybrid Calendar** for **Office 365**. Be aware there are similar hybrid calendar options in the Exchange card. Be sure you select the correct Office 365



- Step 11** Click **Set Up**.
- Step 12** On the authorization Microsoft pops up window, keep the Office 365 instance Worldwide and click **Authorize**.
- Step 13** Enter your **O365 trial account admin credentials** and log in.
- Step 14** Click **Accept** on the permissions popup.
- Step 15** It will take you back to Webex Control Hub and where you will be prompted to enter a test email id to verify the setup. Enter any of the users' **email O365 ID** and click **Test**.
- Step 16** When Setup Complete, click **Done**. Hybrid Calendar service status displays as Operational.
- Step 17** Click **Users** in the Webex Control Hub navigation.

**Step 18** Click **Adam McKenzie** (with domain of O365 tenant) and click **Calendar**



Adam McKenzie   
amckenzie@wkst.onmicrosoft.com

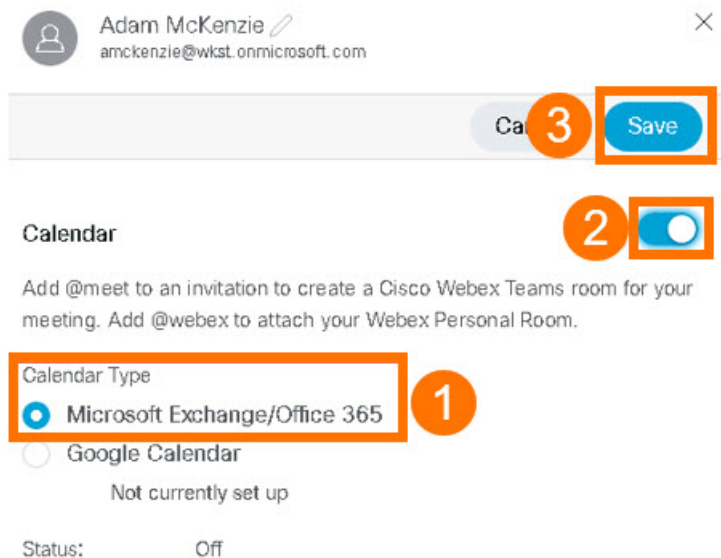
User


Services [Edit](#)


- Messaging Cisco Webex Teams Free Messaging
- Meeting Cisco Webex Meetings >
- Calling Cisco Webex Free Calling >
- Hybrid Services
- Calendar Service** Off >
- Message Service Off >

Display Name	Email
Adam McKenzie	amckenzie@wkst.onmicrosoft.com
Anita Perez	aperez@cb192.com
Anita Perez	aperez@wkst.onmicrosoft.com
Charles Holland	cholland@wkst.onmicrosoft.com
Charles Holland	cholland@cb192.com
Esteele Steele	esteele@cb192.com
Kelby Melby	kmelby@cb192.com

**Step 19** Under Calendar Type, the **Microsoft Exchange/Office 365** will be already selected. Toggle the **key on top right** to enable this service, and click



Adam McKenzie   
amckenzie@wkst.onmicrosoft.com

Calendar  **2**

Add @meet to an invitation to create a Cisco Webex Teams room for your meeting. Add @webex to attach your Webex Personal Room.

Calendar Type **1**

- Microsoft Exchange/Office 365
- Google Calendar  
Not currently set up

Status: Off

**3** **Save**

**Step 20** Repeat the **Calendar Service** steps for Anita and Charles.

**Step 21** If not already open, open **Chrome**. Navigate to **Collaboration User Links > O365 Outlook**. Log in with **Anita Perez’s Microsoft O365 credentials**.

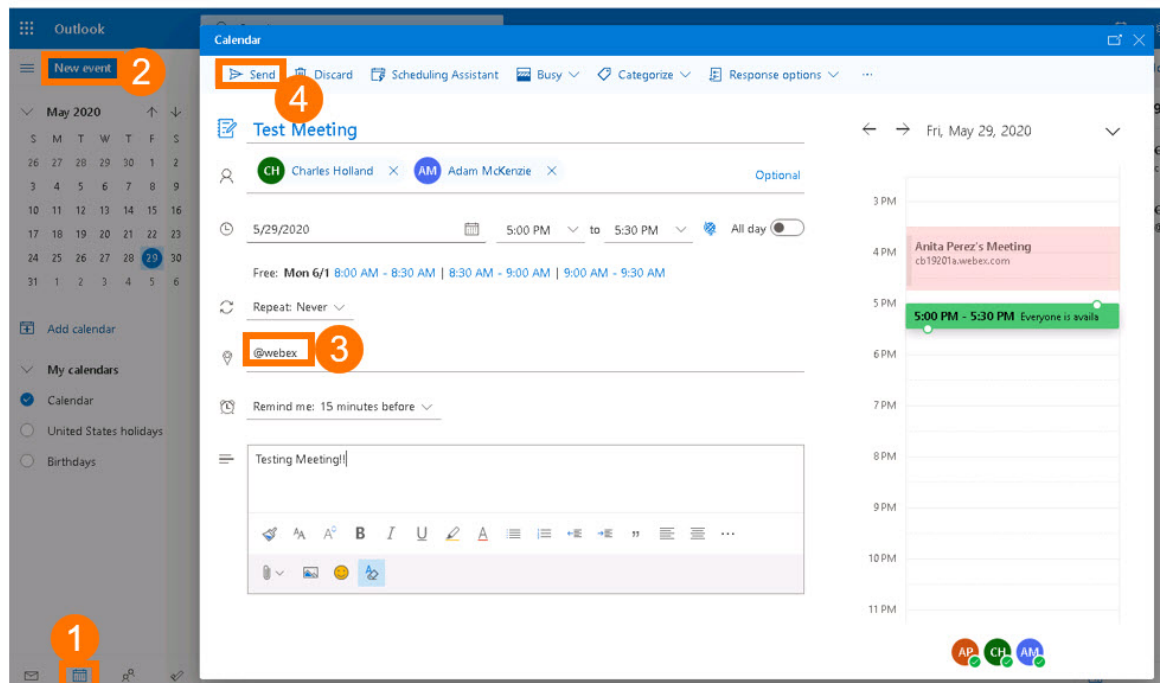
**Step 22** Click the **calendar icon** in the bottom-left corner to view Anita’s calendar and meetings setup options.

**Step 23** Click **New event** towards the top left.

**Step 24** In the set up meeting options pop up window, enter the following details:

- **Add a Title:** Enter any descriptive name for the title
- **Invite Attendees:** Add Anita and Monica
- **Date/Time:** Select today’s date and workstation time (or few minutes away)
- **Location:** Enter “@webex”
- **Add a Description:** Add any description of your choice

**Step 25** Click **Send** in the top-left



**Note** Sometimes a Webex Trial account will take up to 24 hours to activate the PMR (Personal Meeting Room), which enables scheduling meeting with @webex. So, sometimes this @webex option would not work if you have just set up the Webex Meetings account. If you have just set up the trial account, instead of using @webex, you can open Webex Teams to set up the PMR so don’t have to wait.

**Step 26** Join the meeting:

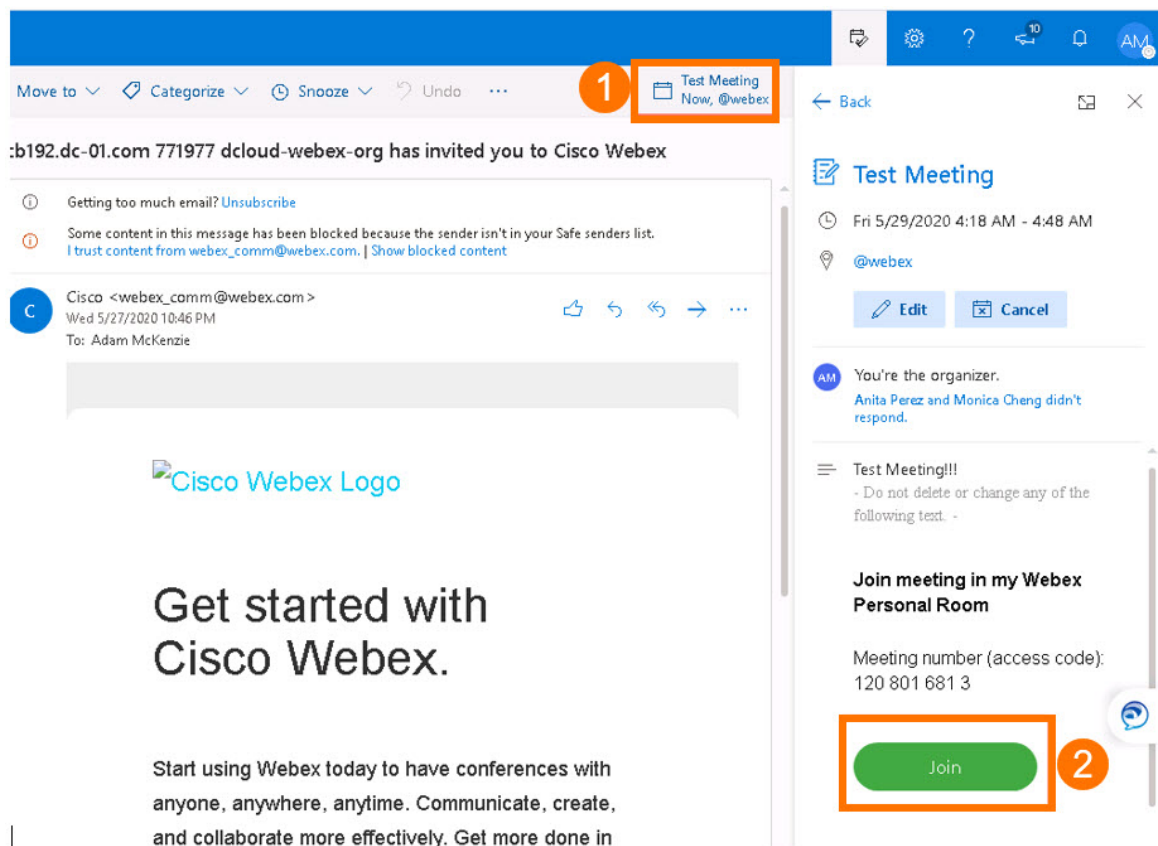
Option 1: With Microsoft Teams

- On **Anita Perez’s WKST2**, open Microsoft Teams and click the Calendar icon. The Calendar will be populated with the meeting you just scheduled. Double-click the calendar entry to view meeting details. Right-click **Join** and click **open link** to join the meeting.

- b. Go to **WKST1** and **WKST4** and repeat the above step. Here you don't need to right click and select open the link. You can directly click **Join**.

#### Option 2: With Outlook

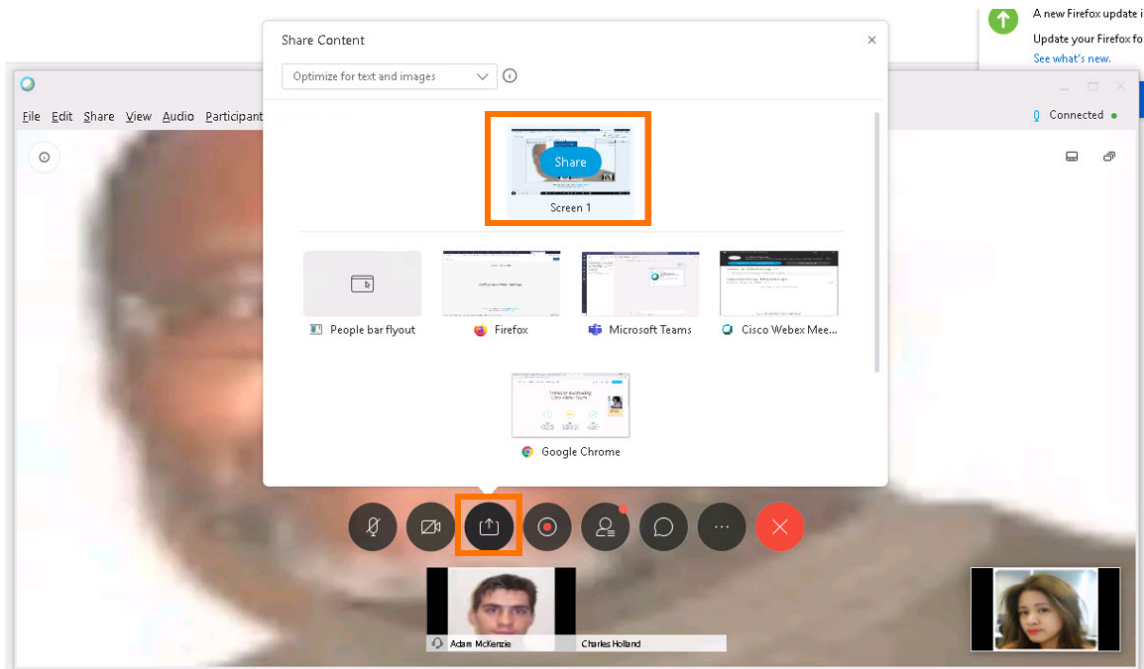
- a. In Outlook, click the upcoming meeting reminder in the top-right corner. Click **Join**.
- b. Repeat on all three workstations.



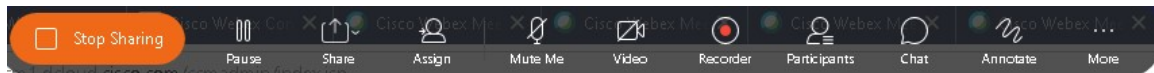
- Step 27** If you are joining a meeting for the first time from a workstation, you will be prompted to download a browser plugin. Download and click the **plugin**. (You are required to do this only once the first time.)
- Step 28** You will get a warning the microphone is not available. Click **OK** to join the meeting in listen-only mode. (Since we are using virtual workstations, microphones are not available.)



**Step 29** On **WKST 2**, click **Share Content**



**Step 30** Explore other options:



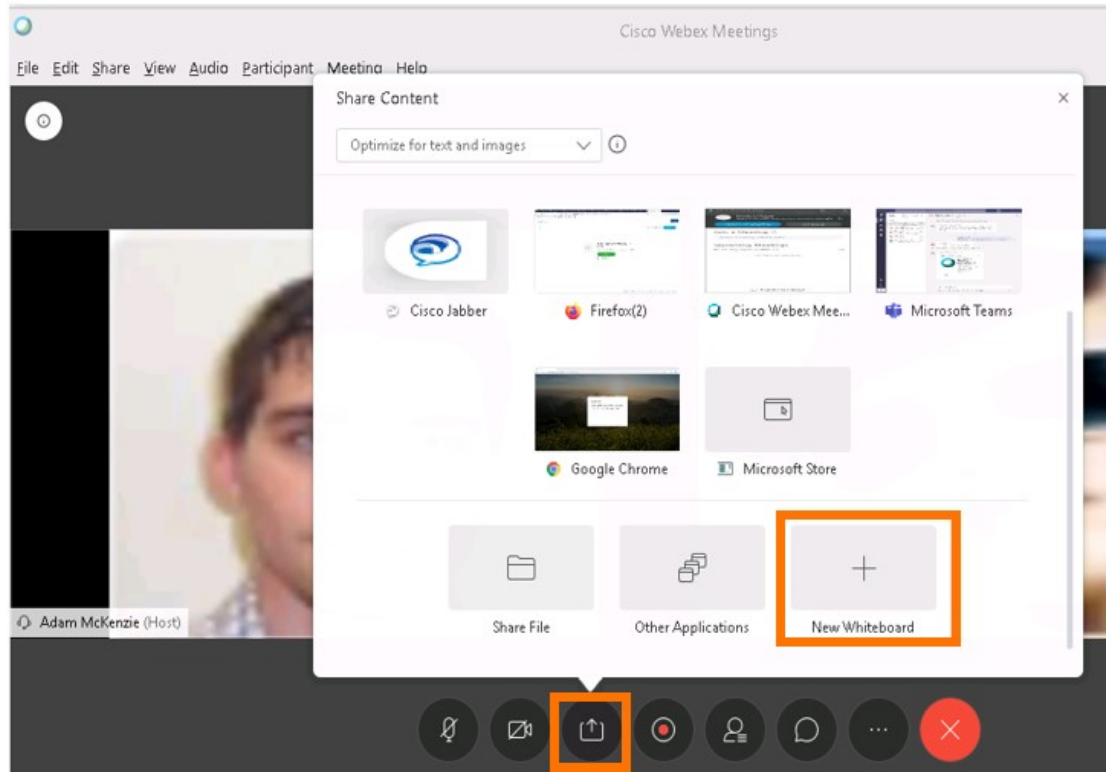
- You can **Record** [Recorder] the meeting from the host workstation.



- You can **Annotate** [Annotate] a co-editing doc. When one of your users requests to Annotate, grant permission on the screen-sharing workstation.

- You can start a new Whiteboard and share it with others so that they can view/edit what you are

writing/drawing. To do so, click the **Share Content** icon [Share Content] and select **New Whiteboard**.



- Step 31** Any of the three users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save whiteboard files to access later and/or share with

The screenshot displays a Cisco Webex Meetings window. At the top, the title bar reads "Cisco Webex Meetings" and the status bar shows "Connected". Below the title bar, there are two video thumbnails for participants: Adam McKenzie and Charles Holland. The main area is a whiteboard with a network diagram. The diagram consists of three pink rectangular boxes on the left labeled "Core Network", a central cyan crosshair labeled "DMZ", and a cyan rectangular box on the right labeled "Remote". At the bottom of the whiteboard, there is a toolbar with icons for mute, video, share, recording, chat, and end call. A small video thumbnail of a woman is visible in the bottom right corner.

- Step 32** End/leave the meeting on all workstations.

## Webex Call Outside Company (PSTN Calling)

After Anita hangs up the call with her colleagues on Webex Meetings, he needs to call his customer to check about a recent software update.

### Procedure

- Step 1** In Anita's WKST2 Microsoft Teams, click the **Webex Call** icon on the left side bar.
- Step 2** If prompted, click **Give Permission**. If prompted, click **Accept**.
- Step 3** On the dial pad, enter any PSTN number, such as your cell phone (within USA), using the E.164 format (+1XXXYYYZZZZ). Click **Call**.
- Step 4** Click **Yes** to use Webex Teams to make the call.

- Step 5** Answer the call on the phone and verify the call is successful.
- 

## OPTIONAL: Cisco Phone/Cisco Video Endpoint for Webex Call

If you have a Cisco IP phone and/or video endpoint, you can control either from the same Microsoft Teams/Cisco Webex Call plugin running on our workstations. We can use the Webex Call plugin from Microsoft Teams to place a call, answer a call, mute/unmute, hold/unhold, transfer, conference, etc.

### Procedure

---

- Step 1** Register device for **Anita Perez (x6017)** and/or **Charles Holland (x6018)**. [[Show Me How](#)].
- Step 2** Once the device is registered or provisioned, log in to the **Anita's WKST2** and/or **Charles's WKST4**, if not already logged in.
- Step 3** Open Webex Call. Towards the bottom-left, click the **icon** resembling a receiver.
- Step 4** Click the **Device for Calls drop-down arrow** and click the **registered/provisioned device**. It will take a few seconds to update. After updating, the computer icon will now be a phone icon.
- Step 5** Repeat steps to register or provision a second device, if you are registering two devices.
- Step 6** On the WKST for which you registered the device, go to Microsoft Teams and click the **Webex Call** icon below the message field. A pop-up window displays all the available numbers and URIs for that user.
- Step 7** Click either the **URI** or the **phone number**:
- URI: It will be an MRA call, which will enable both-side videos (if the devices are video-enabled)
  - DN: It will be a PSTN call, which is only voice
- Step 8** Move to the other WKST or the other user's endpoint device and answer the call and verify audio (or video) works both ways.
- Note** If you registered/provisioned one device for a user and not a second device for another user, keep in mind the second user's workstation is virtual and you will not be able to send audio from this virtual workstation.
- 

## Scenario 3: Cloud Video Interop (CVI) and WebRTC

### Set Up Integration between Microsoft Tenant and Webex Video Interop Service

To set up Cloud Video Interop (CVI) between Microsoft O365 and Webex by Cisco, complete all set up steps in order.

**Important**

THESE CONFIGURATION STEPS ARE LISTED HERE FOR USERS TO EXPERIENCE THE SETUP STEPS. IT TAKES A PAID VIMT LICENSE FOR THE FEATURE TO WORK. YOU CANNOT TEST THE FEATURE IN THIS LAB AFTER CONFIGURATION BECAUSE WE DO NOT HAVE A PAID LICENSE.

If you want to experience the feature without going through the configuration steps or want to demo the feature to a customer, please run this [Video Device Joining a MS Teams Meeting \(VIMT\)](#) demo on Webex Demo Toolbox.

(This paragraph is just for your information only.) Once you complete the following configuration steps for CVI, it takes up to 24 hours for the feature to work. This is because it can take Microsoft Cloud longer to configure their side. Please follow all these configuration steps and wait up to 24 hours to schedule the Microsoft Teams meeting and test.

Make sure you have created a Microsoft Trial Tenant using the Bot or manual steps as described in Microsoft > Get Started. If you have been through Scenario 1 or Scenario 2, you have already created the Microsoft Trial Tenant and can proceed with the next steps.

**Procedure****Step 1**

Log in to **WKST4 (Charles Holland)** with **dcloud\cholland** and **dCloud12345!**

**Step 2**

Open **Powershell 7** from the taskbar and once it loads run the following two commands.

- `Import-Module MicrosoftTeams`
- `Connect-MicrosoftTeams`

```
PowerShell 7 (x64)
https://aka.ms/powershell
Type 'help' to get help.

PS C:\Users\cholland> Import-Module MicrosoftTeams
PS C:\Users\cholland> Connect-MicrosoftTeams

Account                               Environment Tenant
----                               -
cholland@trial27214705.onmicrosoft.com AzureCloud b505075c-33e5-4edf-9b5d-8911455877
75c-33e5-4edf-9b5d-891145...

PS C:\Users\cholland> _
```

- Step 3** Enter your **O365 trial account Admin credentials** when prompted. Click **OK**. Accept any security warnings, if prompted.
- Step 4** The command prompt will run a few commands in the backend. You will then see a command prompt window similar to the image below. Keep the command prompt window open.

```

C:\WINDOWS\system32\cmd.exe
C:\Users\cholland\Desktop\CVI>PowerShell -NoExit "C:\Users\cholland\Desktop\CVI\New-Session.ps1"
ModuleType Version Name ExportedCommands
-----
Script 1.0 tmp_wmbj0aek.ac1 {Clear-CsOnlineTelephoneNumberReservation, ConvertTo-JsonF...
PS C:\Users\cholland\Desktop\CVI>

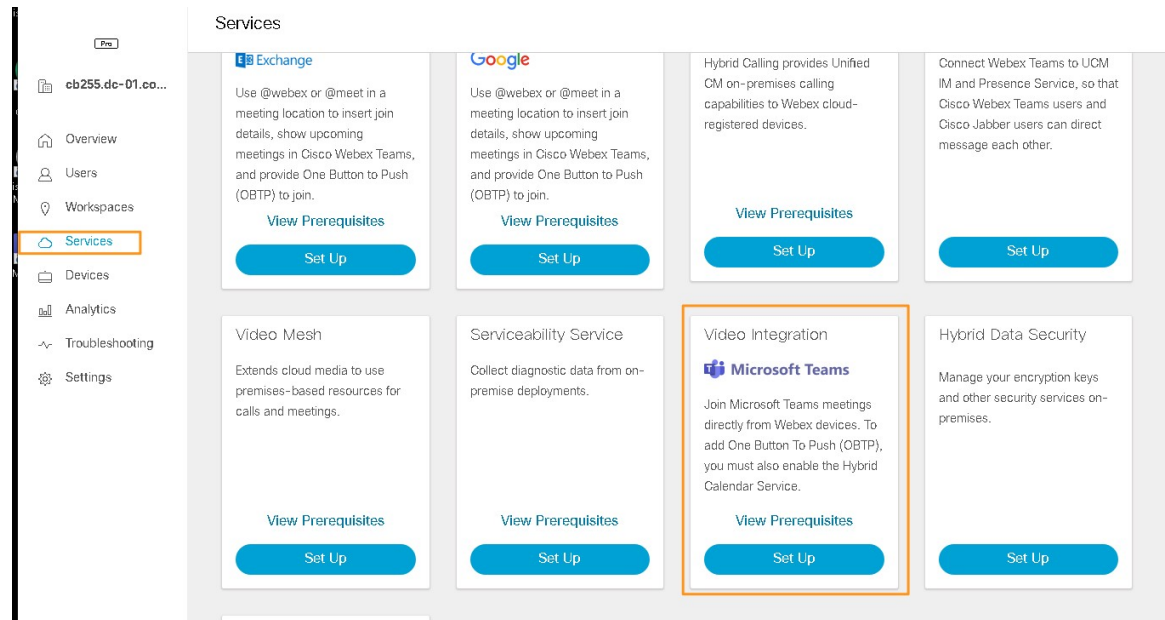
```

**Note** If you see any error messages and you have just created the Microsoft tenant within the last few minutes, give it five minutes and complete steps 3-5 again.

**Step 5** Open the **Chrome browser** from the desktop. Select **Collaboration Admin Links > Cisco Webex Control Hub**.

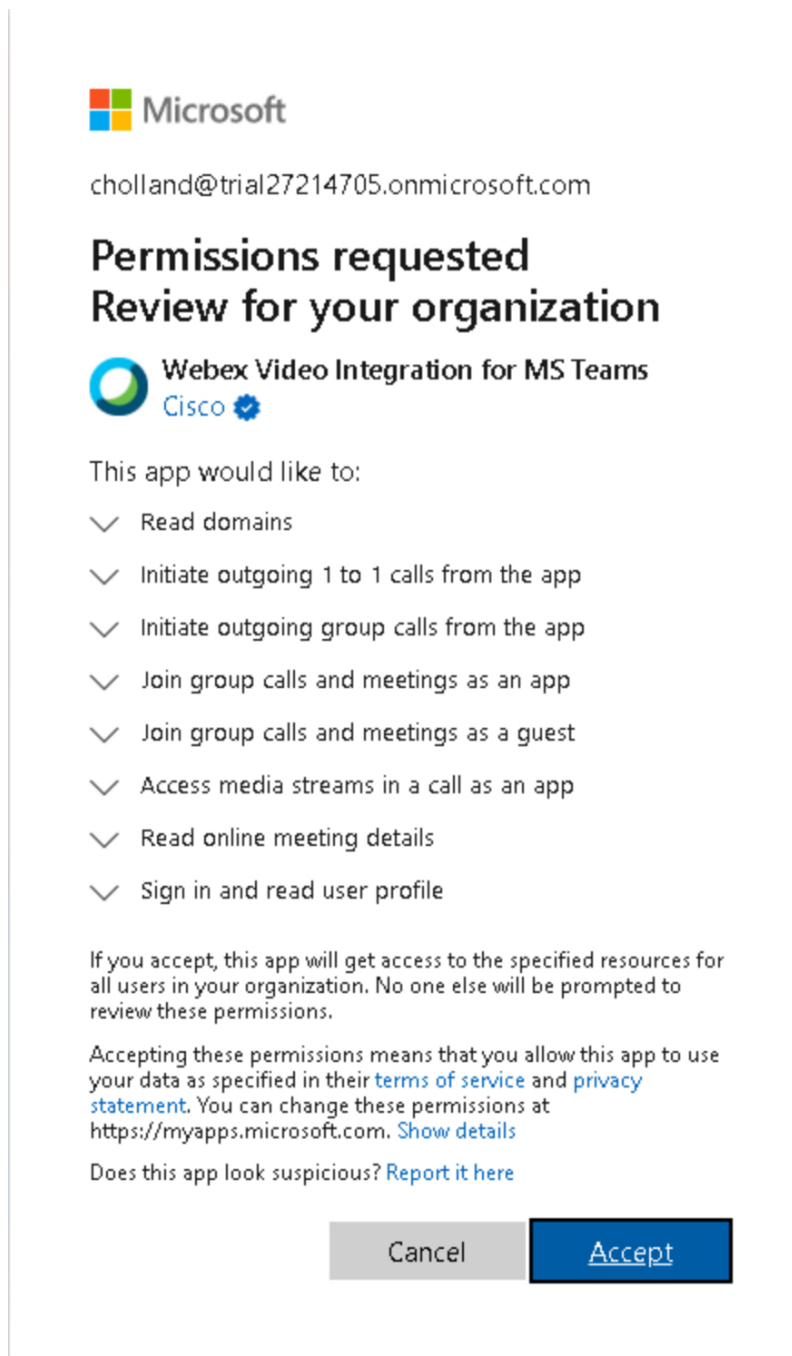
**Step 6** Log in with **cholland@cbXXX.dc-YY.com** and **dCloud123!**

**Step 7** Click **Services** in the left navigation pane. Scroll down the page to find the **Video Integration Services** card. Click **Set Up** to start setting up the integration.



**Step 8** Click **Authorize**. It will take you to the Microsoft login page.

**Step 9** Enter your **O365 trial account Admin credentials** and click **Sign In**. It will list all the permissions required for the Cloud Video Interop. Click **Accept**.

**Step 10**

Once permissions are granted and verified, you will be back in the Webex Control Hub page. You will see two commands for you to run on the opened command prompt.



## Video Integration Setup

Microsoft Teams

We verified the admin permissions required for the integration exist and are valid.

To complete the setup, copy and paste the following commands, which enable the integration for all users in your organization, to Exchange Power Shell.

To enable or disable the integration for specific users, see the Microsoft documentation on Grant-CsTeamsVideoInteropServicePolicy.

```
New-CsVideoInteropServiceProvider -Name Cisco -TenantKey "cb25501c@m.webex.com" -
InstructionUri "https://www.webex.com/msteams?confid=
{ConfId}&tenantkey=cb25501c&domain=m.webex.com" -AllowAppGuestJoinsAsAuthenticated
$true -AadApplicationIds "98e39cfc-3aa9-4856-918e-ed3d15d0a2d1"
```

```
Grant-CsTeamsVideoInteropServicePolicy -PolicyName CiscoServiceProviderEnabled -Global
```

Ok

**Step 11** Copy and paste the **commands** one by one (as shown below), and press **Enter** after each command.

```

PowerShell 7 (x64)
Type 'help' to get help.
PS C:\Users\cholland> Import-Module MicrosoftTeams
PS C:\Users\cholland> Connect-MicrosoftTeams

Account                               Environment Tenant                               TenantId
-----                               -
cholland@trial27214705.onmicrosoft.com AzureCloud b505075c-33e5-4edf-9b5d-8911455877d5 b505075c-33e5-4edf-9b5d-8911455877d5

PS C:\Users\cholland> New-CsVideoInteropServiceProvider -Name Cisco -TenantKey "cb18201a@m.webex.com" -InstructionUri https://m.webex.com/msteams?confid={ConfId}&tenantkey=cb18201a&domain=m.webex.com" -AllowAppGuestJoinsAsAuthenticated -AadApplicationIds "98e39cfc-3aa9-4856-918e-ed3d15d0a2d1"

Identity                               : Cisco
Name                                   : Cisco
AadApplicationIds                     : 98e39cfc-3aa9-4856-918e-ed3d15d0a2d1
TenantKey                              : cb18201a@m.webex.com
InstructionUri                         : https://m.webex.com/msteams?confid={ConfId}&tenantkey=cb18201a&domain=m.webex.com
AllowAppGuestJoinsAsAuthenticated    : True

PS C:\Users\cholland>
PS C:\Users\cholland>
PS C:\Users\cholland>
PS C:\Users\cholland> Grant-CsTeamsVideoInteropServicePolicy -PolicyName CiscoServiceProviderEnabled -Global
PS C:\Users\cholland>

```

**Step 12** Once the commands run, go back to the Video Integration Setup window where you copied the commands from. Click **OK**. At this point, the Video Integration service between your O365 tenant and Webex Org will be **Operational**. You can confirm this on the Services Video Integration card.

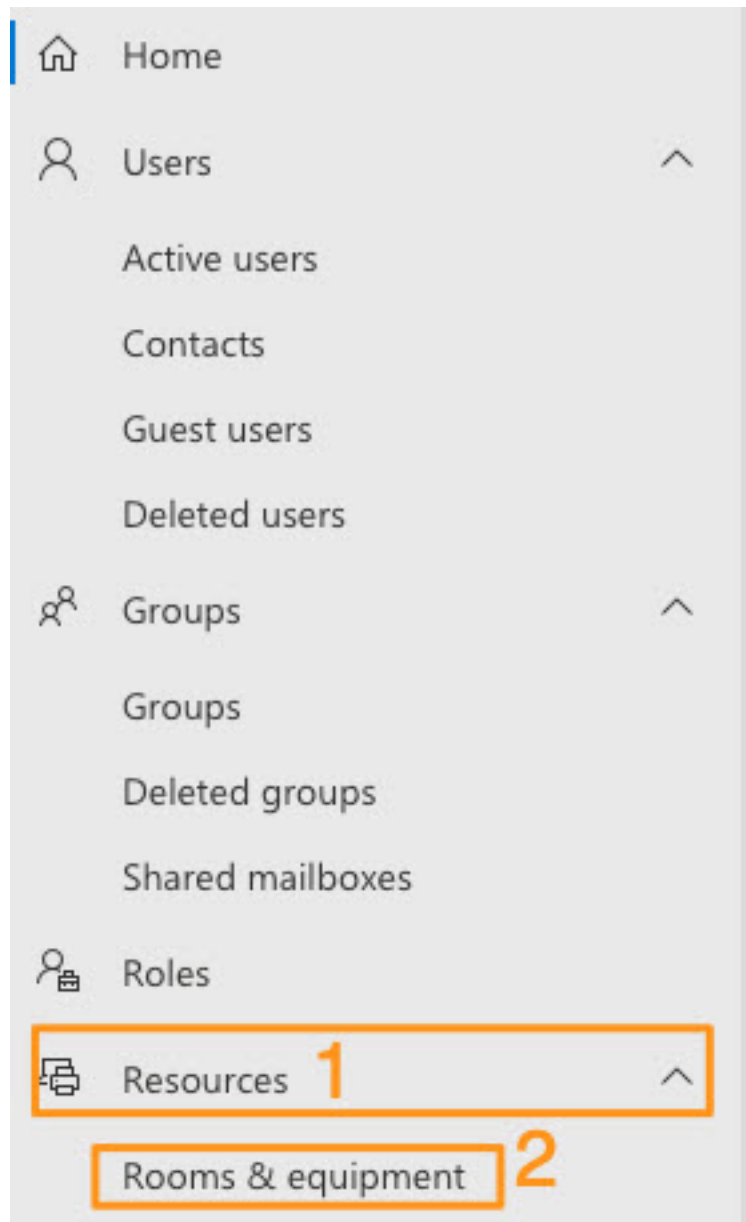
**Note** When you set up Video Integration between the Microsoft O365 tenant and Webex Org, sometimes Microsoft cloud takes up to 24 hours to set up this integration. So, if you are planning to demonstrate to a customer, please plan ahead of time.

## Set Up Room Mailbox (Resource Mailbox) on the Microsoft O365 Tenant

This is required for the Cisco video endpoint to be able to join.

### Procedure

- Step 1** On **WKST4**, open a new Chrome browser tab and go to **https://office.com**.
- Step 2** Log in with your **O365 Admin credentials**, if prompted.
- Step 3** Click **Admin** in the left navigation. Select **Resources >> Rooms & equipment**. (If you don't see the Resources option, click on **Show all** and then look for Resources.)



- Step 4** Click **Add resource** and enter the following information.
- Resource Type: **Room**
  - Name: **Enter any name of your choice**
  - Email: **Choose any email address with your O365 domain**. Remember this email ID because you will need to enter this email ID in the next section to register your Cisco Video device on Webex Control Hub.
  - You can leave rest of the fields blank.
- Step 5** Click **Save**.
- Step 6** Create as many room mail boxes as you want to use in this demonstration; one for each device that you are going to register to Webex Control Hub.
- Step 7** Go back to the CVI folder. Right-click the file named **Exchange-Accounts.ps1** and select **Edit**. Please be careful NOT to select *Run with PowerShell*, we need to modify the Exchange-Accounts.ps1 file before running.

Once the file is open in Windows PowerShell, go to **line 7** in the file and update the **Identity** from Your Mailbox to **room mail box *account name*** that you created above. Click **Save**.

- Step 8** Repeat the step above for all of your room mailbox accounts you want to use in this demonstration. Simply copy the line number seven and paste it as a new line and update with your new room mailbox accounts.
- Step 9** Right-click on the file **Exchange-Accounts.ps1** and select **Run with PowerShell**.

**Step 10** Enter your **Microsoft O365 Admin credentials** and click **OK**.

Windows PowerShell

```
cmdlet Get-Credential at command pipeline position 1
Supply values for the following parameters:
Credential
```

- Step 11** The script will run a few commands and set the mailbox account properties. Make sure you do not see any error messages and just press **Enter** to close the Windows PowerShell window.
- 

## Set Up the Hybrid Calendar Service

This is required for OBTP (Join button) to be available on the video endpoint.



**Note** IMPORTANT -- Follow these set up steps *only* if you have not run through any of the Calling/Meeting Integrations in this demo. If you have followed one of the Calling/Meeting scenarios, you have already set up the Hybrid Calendaring service as part of those scenarios.

---

Verify you have Hybrid Calendaring before skipping these set up steps.

1. On the Webex Control Hub home page, click **Services** in the left navigation.
2. Find the **Hybrid Calendaring** services card.

If the Hybrid Calendaring services card shows **Operational**, skip these **Set Up Hybrid Calendar Service** steps and proceed with the next section, **Register Your Cisco Video Endpoint on Webex Control Hub**.

If the Hybrid Calendaring services card does *not* show Operational, continue here to set up the Hybrid Calendaring Service.

### Procedure

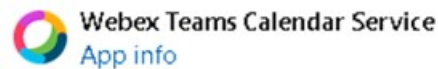
---

- Step 1** Go back to the Chrome browser where you have the Webex Control Hub opened. If logged out, log in again with **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 2** Click **Services** in the left navigation. Scroll down and select **Hybrid Calendar for Office 365**. (There is a similar card for Exchange next to this card; ensure you select the correct card.) Click **Set Up**.
- Step 3** In the authorize pop up from Microsoft, keep the **Office 365** instance as **Worldwide** and click **Authorize**.
- Step 4** Select **Use Another Account** and enter your **O365 trial account Admin credentials** and log in. If you are prompted to protect your account, click **Skip for Now**.
- Step 5** When prompted to accept permissions, click **Accept**.



amckenzie@wkst.onmicrosoft.com

## Permissions requested Accept for your organization



**This application is not published by Microsoft or your organization.**

This app would like to:

- ✓ Read and write calendars in all mailboxes
- ✓ Read and write all user mailbox settings
- ✓ Sign in and read user profile

If you accept, this app will get access to the specified resources for all users in your organization. No one else will be prompted to review these permissions.

Accepting these permissions means that you allow this app to use your data as specified in their [terms of service](#) and [privacy statement](#). You can change these permissions at <https://myapps.microsoft.com>. [Show details](#)

Cancel

Accept

**Step 6** You will be back in Webex Control Hub. You are given the option to test an email ID to verify the setup. Enter any user's **email ID** from O365 trial account and click **Test**.

**Note** If you see any error messages and you have just created the Microsoft tenent within the last few minutes, give it five minutes and complete the steps again.

**Step 7** When you receive the Setup Complete message, click **Done**.

**Step 8** Verify the **Hybrid Calendar for Office 365 Services** card status is now **Operational**.

## Register Your Cisco Video Endpoint on Webex Control Hub

For CVI, you can use any SIP-capable endpoint that can be registered on Webex Control Hub. This includes: Cisco Webex Board, Room Device, Desk Series, and 8845/8865. This demo focuses on using **Cisco Webex Board/Room Devices** or **Desk Series** only.

Follow these steps to register the device.



## Procedure


- Step 1** Go back to the Chrome browser with **Webex Control Hub** opened. If prompted, log in with **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 2** Click **Devices** in the left navigation.
- Step 3** Select **Add Device** on the top-right corner.
- Step 4** Click **Workspace**.
- Step 5** Click **Next**.
- Step 6** Click **New Workspace**. Enter a **location** of your choice and click **Next**.

✕


### Add Device

Assign to an existing workspace or a new workspace?

Select Existing Workspace to activate a device if the previous code has been lost or has expired, or to have multiple devices in a workspace. If you add multiple devices in a workspace that are not designed to work together, it may create interference issues.



Existing Workspace



New Workspace

Where will this device be located?

What would you like to call the Workspace that this device will be assigned to?

Back
Next

- Step 7** Select the device model, such as Webex Room or Desk Series. Click **Next**.
- Note** Enabling Calendar Service requires Hybrid Calendar Service to be set up. Make sure you followed the previous section, **Set Up the Hybrid Calendar Service**, to ensure you have the Hybrid Calendar Service as Operational.
- Step 8** Keep the option **Free Calling (default)** selected and toggle on the **Calendar Service**. Click **Next**.

## Add Device

Which services are needed in this Workspace?

 Calling

Free Calling (default)

This place can make and receive calls when paired with the Cisco Webex Teams app or directly using SIP.

Cisco Webex Calling

Free Calling features with additional PSTN service provided through Webex.

 Calendar



*Calendar service enables One Button To Push for this Workspace.*

Back

Next

**Step 9**

Enter the email address you created in the section, Set up Room Mailbox (Resource Mailbox) on the Microsoft O365 tenant. Click **Validate**. Click **Next**.

×

### Add Device

Set up Hybrid Calendar Service

Email address of the calendar mailbox

✓ Address validated.

- Step 10** On the following screen, it will add the device to Control Hub and provide you the activation code that you can enter on the device to complete the registration.
- 

## Ensure Microsoft Native Meetings is Enabled

These steps are required only if you have *disabled* Microsoft native meeting capability for demonstrating the **Cisco Meeting Integration with Microsoft** scenario. If you are unsure if your demo's Microsoft native meetings is enabled, you can run through these few quick steps before proceeding with the next section.

### Procedure

---

- Step 1** Go to <https://admin.teams.microsoft.com>.
- Step 2** Log in with your **O365 trial account Admin credentials**.
- Step 3** Click **Meetings** in the left navigation. Select **Meeting Policies > Global (Org-wide default)**.

**Microsoft Teams admin center**

**Meeting policies**

Meeting policies are used to control what features are available to users when they join Microsoft Teams meetings. You can use the Global (Org-wide default) policy and customize it or create one or more custom meeting policies for people that host meetings in your organization. [Learn more](#)

**MEETING POLICIES SUMMARY**

6 Default policies    0 Custom policies

**USER STATISTICS**

0 Custom policies    1 Default policy

+ Add   Edit   Duplicate   Delete   Reset Global policy   Manage users   6 Items

✓ Name ↑	Custom policy
✓ Global (Org-wide default)	No <b>3</b>
AllOn	No
RestrictedAnonymousAcce...	No
AllOff	No
RestrictedAnonymousNoR...	No
Kiosk	No

**Step 4** Under the **General** section, turn on all of the following settings.

**General**

These are the general settings for meeting policies. [Learn more](#)

- Allow Meet now in channels
- Allow the Outlook add-in
- Allow channel meeting scheduling
- Allow scheduling private meetings

**Step 5** Scroll down the page and click **Save**. Now you are ready to schedule Microsoft meetings and have the Cisco video endpoint join the meeting using the OBTP/Join feature.

# Schedule the Microsoft Meeting and Join with Cisco Device

## Procedure

**Step 1** Log in to **Microsoft Teams** on **WKST4 (Charles Holland)** with his **O365 trial account credentials**. If you are prompted to protect your account, click **Skip for Now**.

**Note** If you have not followed Scenario 1 or Scenario 2, then you can log in to Microsoft Teams with your O365 admin account that you created. If you have gone through any of Scenarios 1 or 2, you can log in to Microsoft Teams with cholland account.

**Step 2** Click **Calendar** in the left navigation pane. Click **New Meeting** in the top-right corner.

**Step 3** Enter the following meeting details.

- Timezone:** We recommend choosing the same timezone as your endpoint.
- Title:** Enter a meeting title of your choice.
- Attendees:** Enter required attendees; you can add any other users on the Microsoft tenant and add the email address (resource mailbox) of Cisco endpoint.
- Date / Time:** Select the date and time to start the meeting in next few minutes. **IMPORTANT:** Ensure you select the correct date and time matching the Cisco endpoint current time; otherwise, the meeting invite will be declined.
- Location:** Enter anything of your choice.
- Message:** Enter anything of your choice.
- Click **Send**.

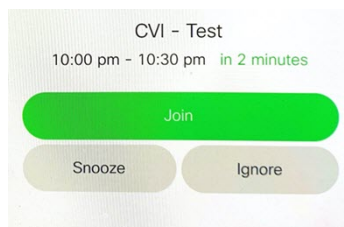
**Step 4** When the invite displays on the calendar, click the **meeting invite**.

**Step 5** Click **Join** in the top-right corner to join the meeting from Microsoft Teams. Click the **X** to close the microphone warning. This is expected as we are using a virtual workstation. Charles Holland has now joined the meeting.



**Step 6** Repeat the steps to join the meeting from any other workstations/Microsoft Teams clients if you included in them in the meeting.

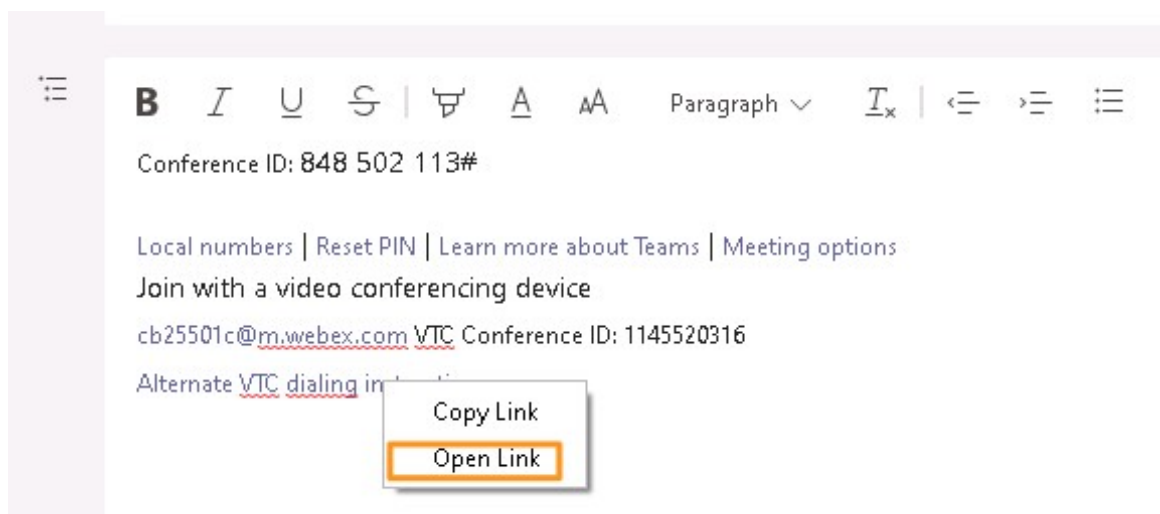
**Step 7** On your video endpoint, click **Join**.



**Step 8** You can explore the options to mute/unmute and screen share etc.

**Note** There is an alternate way to join the meeting by dialing the SIP URI address directly from the video endpoint or join through a prompt for VTC Conference ID.

To join with either of these options, go to the calendar and click the meeting invite. Scroll down the invite a little and you will see dialing instructions. Right-click **Alternate VTC dialing instructions** and click **Open Link**. It will open the instructions in new browser window.



Follow these instructions to join the meeting.

## Cisco Webex

### Video Meeting Invitation

#### Join meeting directly

Enter 1145520316.cb25501c@m.webex.com on a Cisco Webex Room or other standard video endpoint

#### Join through a prompt for VTC conference ID

Enter cb25501c@m.webex.com and then the VTC conference ID 1145520316 followed by #

Powered by Cisco Webex Video Integration for Microsoft Teams

## Join Microsoft Meetings with WebRTC

Joining a Microsoft meeting with WebRTC only works from a Cisco video endpoint that has Media Engine running. These devices support WebRTC: **Cisco Webex Board, Room Devices, or DeskPro**.

Joining a Microsoft meeting from WebRTC *does not require any licenses*, unlike CVI.

For example, Company A has CVI configured with their Microsoft environment. They are scheduling a Microsoft meeting and inviting (or forwarding the meeting invite to) a user or a device from Company B. Company B **DOES NOT NEED TO HAVE CVI CONFIGURED OR LICENSED** to join the meeting from Company A. The video endpoint in Company B only needs to be registered to the Webex Control Hub over cloud with a resource email and hybrid calendaring service configured. At the time of the meeting, it will pop up the Join/OBTP icon to join the meeting with just one click.

In this demonstration, for the simplicity of showcasing the WebRTC functionality, we will use the same demo org you configured above to send invite (pretend Company A) and receive the invite on a video device as well (pretend Company B).



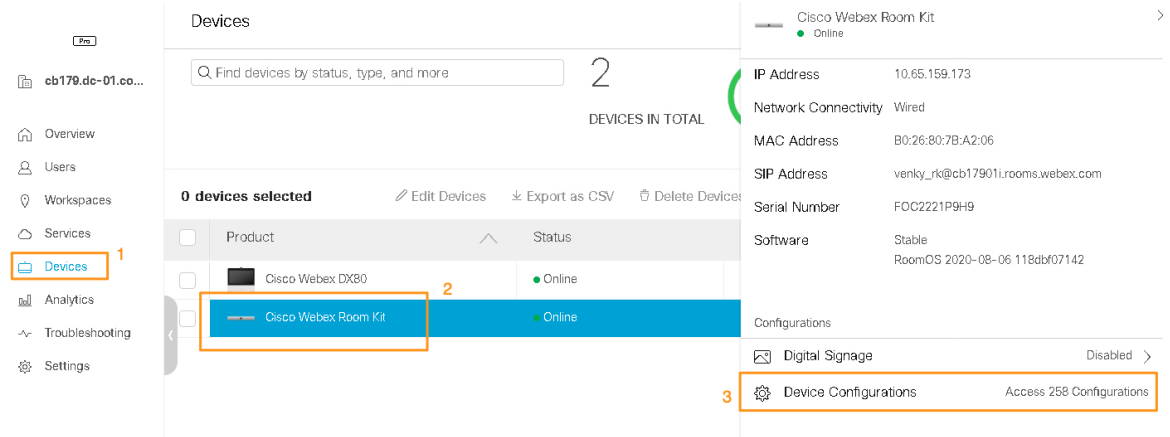
**Note** If you used a **Webex DX** device in the above CVI scenario, make sure you register another device from one of the **Cisco Webex Board or Room Devices or DeskPro** to Webex Control Hub, as Webex DX does not support WebRTC. Use the same procedures you followed to register the device in sections: **Setup Room Mailbox (Resource Mailbox) on the Microsoft O365 Tenant** and **Register Your Cisco Video Endpoint on Webex Control Hub**.

If you used one of the **Cisco Webex Board or Room Devices or DeskPro** for the CVI demo, you can use the same device for WebRTC as well. But we have to prioritize your device for WebRTC over CVI, which we will be doing in one of the following sections.

Once your WebRTC-supported device is registered to Webex Control Hub, follow these steps to enable WebEngine for WebRTC.

## Procedure

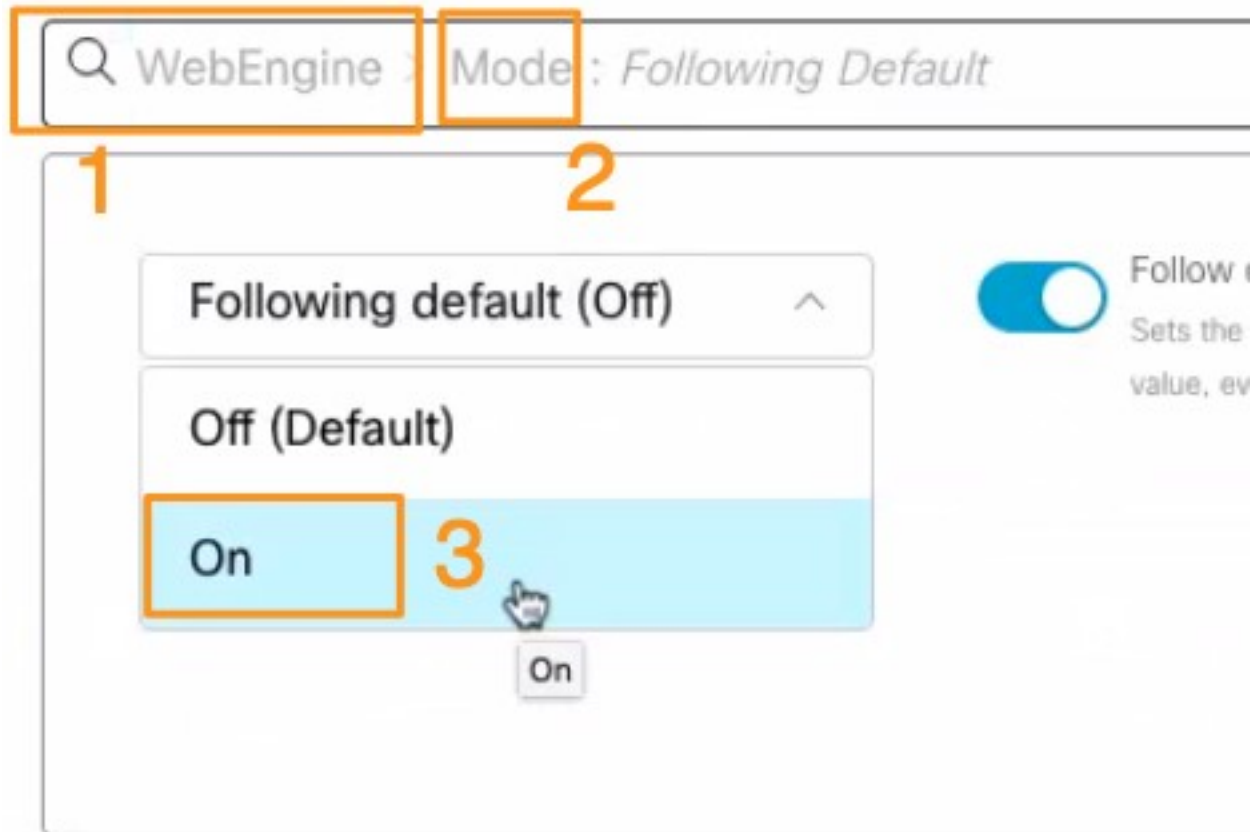
- Step 1** Go back to the Chrome browser with Webex Control Hub open. Log in, if prompted, with **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 2** Click **Devices** in the left navigation. Click your device that you want to use for WebRTC.
- Step 3** In the flyout window, scroll down towards the bottom and click **Device Configurations**.



- Step 4** Search for **webengine** in the search bar.
- Step 5** Click **WebEngine** and select **Mode**. Click the **Following default (Off)** drop-down menu and change it to **On**. Click **Save**. Close the pop up window.



258 configurations available. For detailed information, check the device A



## Set Up Device for WebRTC

These steps are required if:

you are using a single device for both CVI and WebRTC and you need to prioritize WebRTC over CVI

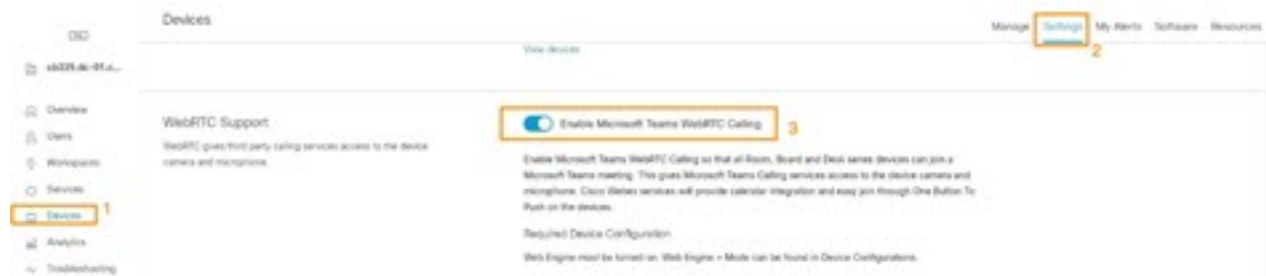
or

you are using two devices, one for CVI and another for WebRTC (follow these steps for your WebRTC device)

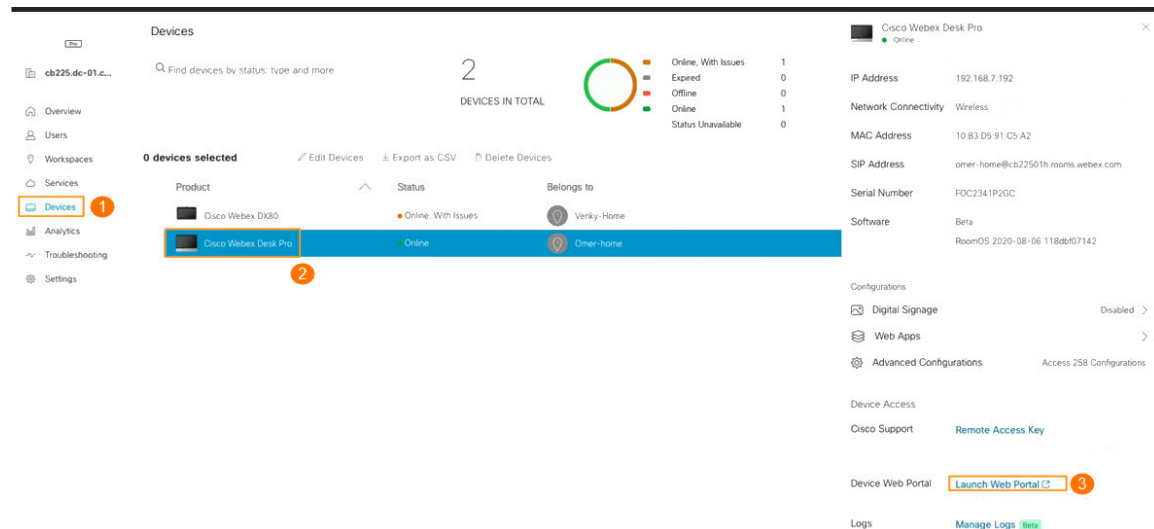
**Connect your physical workstation (where you are accessing dCloud demo from) to the same network as your Cisco video device. In the steps below, we need to connect to your video device over Web and SSH.**

## Procedure

- Step 1** On your physical workstation, open a browser and go to <https://admin.webex.com/> and log in as **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 2** On the left pane, click **Devices**. Select **Settings** in the top-right corner. Scroll down and toggle On **Enable Microsoft Teams WebRTC Calling**.



- Step 3** On the left pane, click **Devices** again and select your device that you are using for WebRTC. On the fly-out window, scroll down and click **Launch Web Portal**.

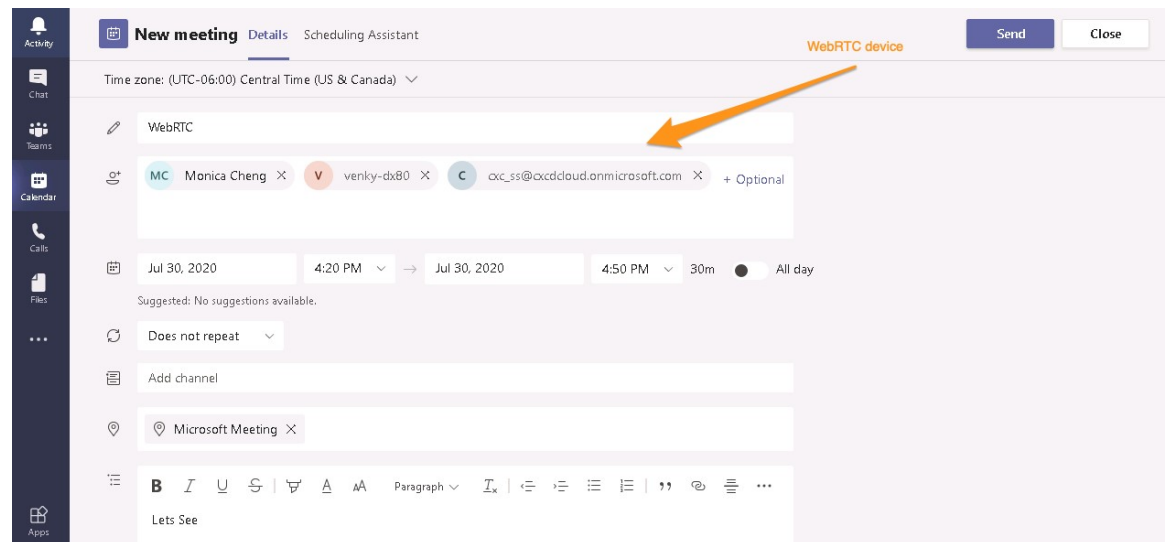


- Step 4** There will be a pop up window for the device, click **Proceed**. Accept any security warnings about certificates. It will open a new browser tab with your device web portal.
- Step 5** Click **Setup > Configuration**. In the left-side Search field, start typing “**ProtocolPriority**.” It will bring you to the ProtocolPriority option. Use the drop-down arrow to select **WebRTC** and click **Save**.

## Scheduling the Microsoft Meeting for WebRTC

### Procedure

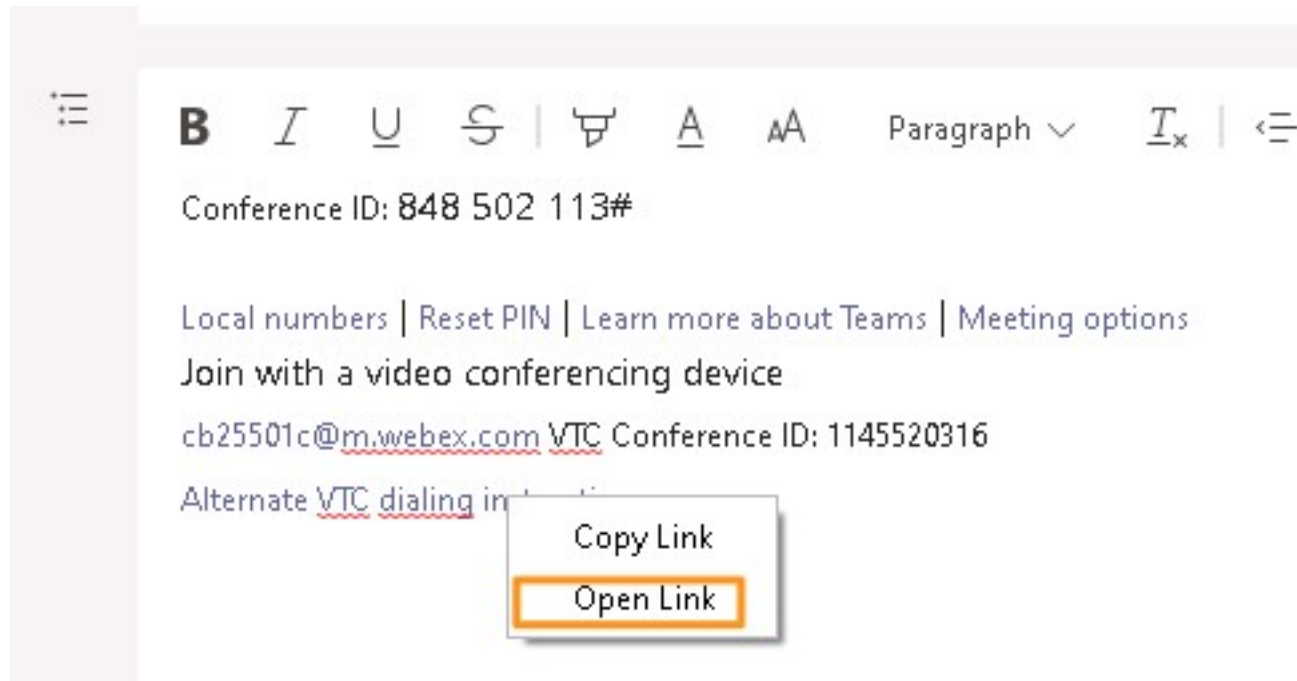
- Step 1** Log in to **Microsoft Teams** on **WKST4** using your **O365 trial account credentials**.
- Step 2** Click **Calendar** in the left navigation pane. Click **New Meeting** in the top-right corner.
- Step 3** Enter the following meeting details.
- Timezone:** We recommend choosing the same time zone as your endpoint.
  - Title:** Enter a meeting title of your choice.
  - Attendees:** Enter required attendees; you can add any other users on the Microsoft tenant and add the email address (resource mailbox) of WebRTC endpoint.
  - Date / Time:** Select the date and time to start the meeting in next few minutes (referring to your Cisco video endpoint).
  - Location:** Enter anything of your choice.
  - Message:** Enter anything of your choice.
- Step 4** Click **Send**.



- Step 5** When the invite displays on the calendar, click the **meeting invite**.
- Step 6** Click **Join** in the top-right corner to join the meeting from Microsoft Teams. Click the **X** to close the microphone warning. This is expected as we are using a virtual workstation. Charles Holland has now joined the meeting.
- Step 7** Repeat the steps to join the meeting from any other workstations/Microsoft Teams clients if you included them in the meeting.
- Step 8** On your video endpoint, click **Join**.

**Note** There is an alternate way to join the meeting by dialing the SIP URI address directly from the video endpoint or join through a prompt for VTC Conference ID.

To join with either of these options, go to the calendar and click the meeting invite. Scroll down the invite a little and you will see dialing instructions. Right-click **Alternate VTC dialing instructions** and click **Open Link**. It will open the instructions in new browser window.



Follow the instructions to join the meeting.

## Cisco Webex

### Video Meeting Invitation

#### Join meeting directly

Enter [1145520316.cb25501c@m.webex.com](https://1145520316.cb25501c@m.webex.com) on a Cisco Webex Room or other standard video endpoint

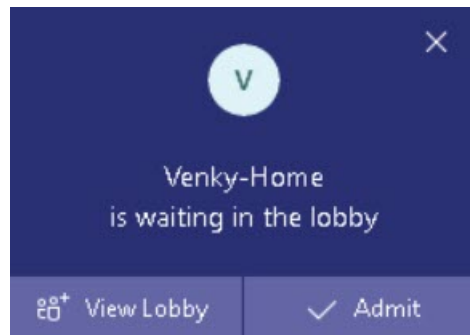
#### Join through a prompt for VTC conference ID

Enter [cb25501c@m.webex.com](https://cb25501c@m.webex.com) and then the VTC conference ID 1145520316 followed by #

Powered by Cisco Webex Video Integration for Microsoft Teams

### Step 9

The WebRTC video endpoint will be placed in the lobby until the meeting host (Charles Holland, in this case) admits you into the meeting. Go to **WKST4** and click **Admit**.



- Step 10** Once you've joined the meeting, ensure audio and video is working.
- Step 11** Close the meeting.
-





## CHAPTER 3

# Slack

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- [About This Solution, on page 81](#)
- [Get Started with Slack Demo, on page 82](#)
- [Scenario 1: Cisco Jabber and Webex Meetings Integration for Slack, on page 82](#)
- [Scenario 2: Cisco Webex Calling and Meeting Integration for Slack, on page 107](#)

## About This Solution

Cisco Jabber, Webex Call, and Webex Meetings integrated with Slack lets you collaborate seamlessly - whoever, whenever, however.

Cisco Jabber and Cisco Webex are simple-to-deploy plug-ins that can be cross-launched from within Slack when you want to call someone internally or externally.

With Cisco Jabber and Cisco Webex plugins, Slack users can:

- Call someone internal with their extension or SIP URI
- Call someone over PSTN

The simple-to-deploy client/plugin Webex Meetings integration with Slack lets Slack users to schedule, start, or join Cisco Webex Personal Room meetings, and Cisco Webex scheduled meetings directly from Slack.

With Cisco Webex Meetings plug-in, Slack users can:

- Start and join meetings directly in their channel
- Schedule a meeting and the meeting info card will be added to the conversation.
- Automatically get status alerts and, if your meeting has already started, see who has joined
- Preview your upcoming meetings and join from the list
- Edit a scheduled Webex meeting
- Play recordings, which are posted in the channel when ready
- See if other users are currently in a Webex meeting

# Get Started with Slack Demo

Follow the steps to initiate your session.

## Procedure

---

**Step 1** Initiate your dCloud session. [\[Show Me How\]](#) It can take up to 10 minutes for your session to become active.

**Step 2** Log into Workstation 1 (**198.18.1.36**) with the following credentials:

- a) UserName: **dcloud\amckenzie**
- b) Password: **dCloud12345!**

For best performance, connect to the workstation with Cisco AnyConnect VPN [\[Show Me How\]](#) and the local RDP client on your laptop [\[Show Me How\]](#).

---

# Scenario 1: Cisco Jabber and Webex Meetings Integration for Slack

## Set Up Slack

Follow the steps to configure your demonstration environment.

## Procedure

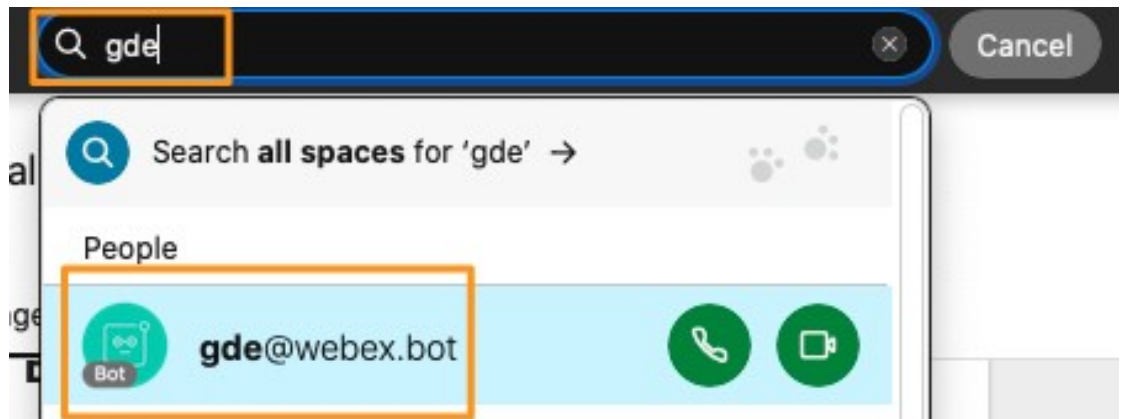
---

**Step 1** Prepare your Slack tenent with the easy-to-use Global Demo Collab Bot.

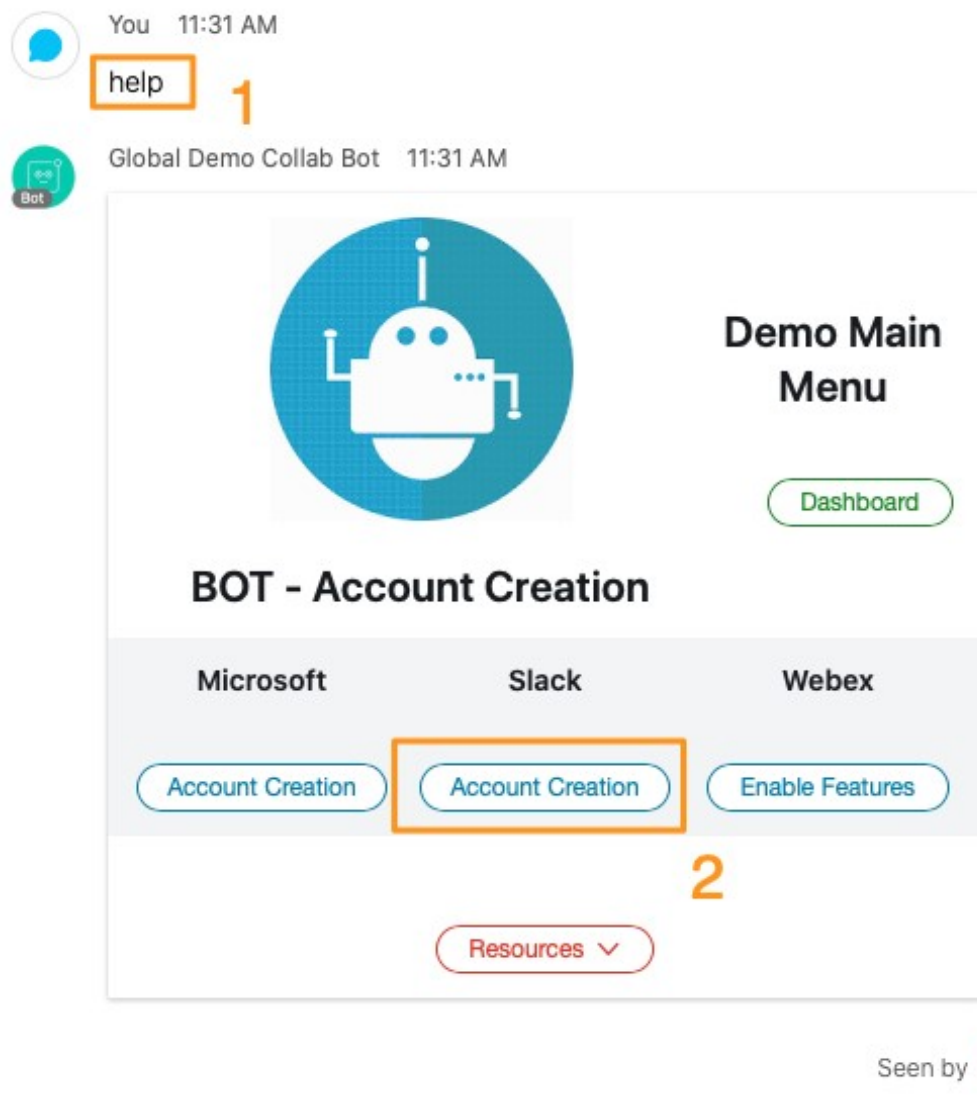
**Note** If needed, you can skip these bot instructions (a-i) and manually create your Slack trial tenent. You'll find step-by-step manual instructions in Step 2.

- a) **a.** In your personal Cisco Webex Teams, in the top-left click the + **icon** and choose **Contact a Person**.
- b) **b.** Search for and select **Global Demo Collab Bot**.





- c) **c.** In the newly created **Global Demo Collab Bot** space, type and send the message "help".
- d) **d.** Under **Slack**, click **Account Creation**.



- e) **e.** When prompted, enter **Anita Perez's** email address in the formant of **aperez@cbXXX.dc-YY.com** (you can find your session's XXX and YY info on your Session's Details tab). Click **Submit**. Slack will email a six-digit code Anita Perez.
- f) **f.** Log in to **WKST2** with **dcloud\aperez** and **dCloud12345!**
- g) **g.** Open a new browser tab in Chrome. (If Chrome loads as a blank white page, click **Home** to load the default page.) Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\aperez** and **dCloud12345!**
- h) **h.** Open the Slack email and copy the **code**. Paste the code in the bot. Click **Submit**.
- i) **i.** When the trial tenant is created, you will get the Slack tentant account URL, email, and login password. Copy the **URL**.
- j) **j.** On **WKST2 (dcloud\aperez)**, open a new browser tab and open the URL you copied from the bot. Enter the user ID and password given by bot. Click **Sign in**.

**Step 2**

Follow these steps **ONLY** if you need to *manually* prepare your **Slack** tenent. If you used the Global Demo Collab Bot, please skip to step 3.

- a) **a.** Log in to **WKST2** with **dcloud\aperez** and **dCloud12345!**
- b) **b.** Open the Chrome browser from task bar and go to **https://slack.com**
- c) **c.** Click **Try for Free** to create a trial account.
- d) **d.** Click **Create a Slack Workspace**.
- e) **e.** Enter the email address **aperez@cbXXX.dc-YY.com** (Get the domain from the Session Details tab).
- f) **f.** Click **Create Account**. Slack will send a six-digit code to the email address you gave above.
- g) **g.** Open a new browser tab in Chrome. (If Chrome loads as a blank white page, click **Home** to load the default page.) Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\aperez** and **dCloud12345!**
- h) **h.** Open the Slack email and copy the code. Enter the **code** in the Slack trial.
- i) **i.** When asked to choose the name of your company and team, you can keep the domain name cbxxx (from the Session Domain Name) or change the Team name to your choice. Click **Next**.

- j) **j.** Enter Charles Holland's email **cholland@cbXXX.dc-YY.com** as a teammate email address and click **Add**

Step 3 of 3

## Who would you like to use Slack with?

Teammate's email address

Ex. ellis@cb259.dc-01.com

+

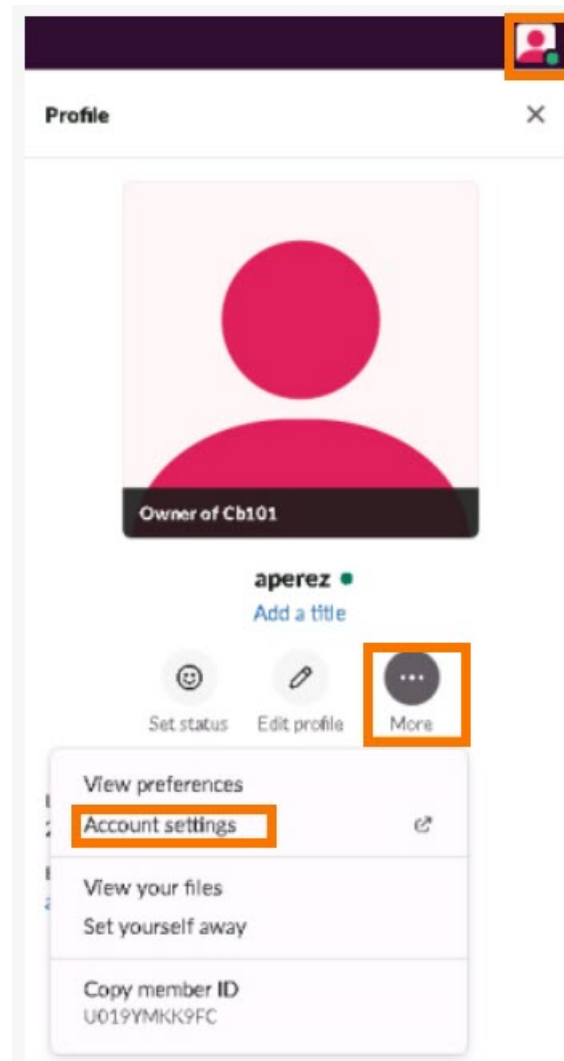
[Paste many at once](#) | [Share an invite link](#)

**Add Teammates**

[Skip this step](#)

**Note** Sometimes Slack creation will directly log you in to the Slack application without setting your password and does not walk you through Steps 11-13 below. If after adding teammates you find yourself in the Slack application, please skip Steps 11-13 and follow these instructions to create your password:

In the Slack application, click the **user icon** on the top-right corner and select **View Profile**. Click **More** and click **Account settings**.



Under Settings, expand the **Password** option and choose **Reset your password by email**. It will send an email with a URL to set/reset your password.


Go back to the tab with Outlook open and open the email from Slack with subject **Reset your password**.

Click **Choose a New Password**, enter your new password and click **Change My Password**. Continue with Step 14.

k) k. Click **See Your Channel in Slack**.

- l) **l.** Scroll down and click **Finish setup**. On the pop up, enter the name **Anita Perez** and password **dCloud12345!** and click **Next**.
- m) **m.** Keep the workspace name and Slack URL the same. Remember the **Slack workspace name**; you are going to use later. Click **Finish**. Close any further prompts on the screen.

### Review your team's details ✕



**Slack workspace name**

Most teams use the name of their company or organization.

**Slack URL**

You'll use this URL to sign in to Slack. Letters, numbers, and hyphens only.

Step 2 of 2

Back
Finish

- Step 3** Log in to **WKST4** with **dcloud\cholland** and **dCloud12345!**
- Step 4** Open the Chrome browser from the task bar. Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\cholland** and **dCloud12345!**
- Step 5** Open the email from Slack saying Anita Perez invited you to work with her in Slack. Click **Join Now** and enter following the following details.
- a) Full Name: **Charles Holland**
  - b) Password: **dCloud12345!**
  - c) Click **Create Account** to create a Slack account for Charles Holland. This will complete the Slack account setup for Charles.
- Step 6** Close any pop up prompts/warnings, if any.

**Note** You can continue using Slack in the browser or you can open the Slack app installed on the workstation. We recommend using the Desktop Application from the WKST2 and WKST4.

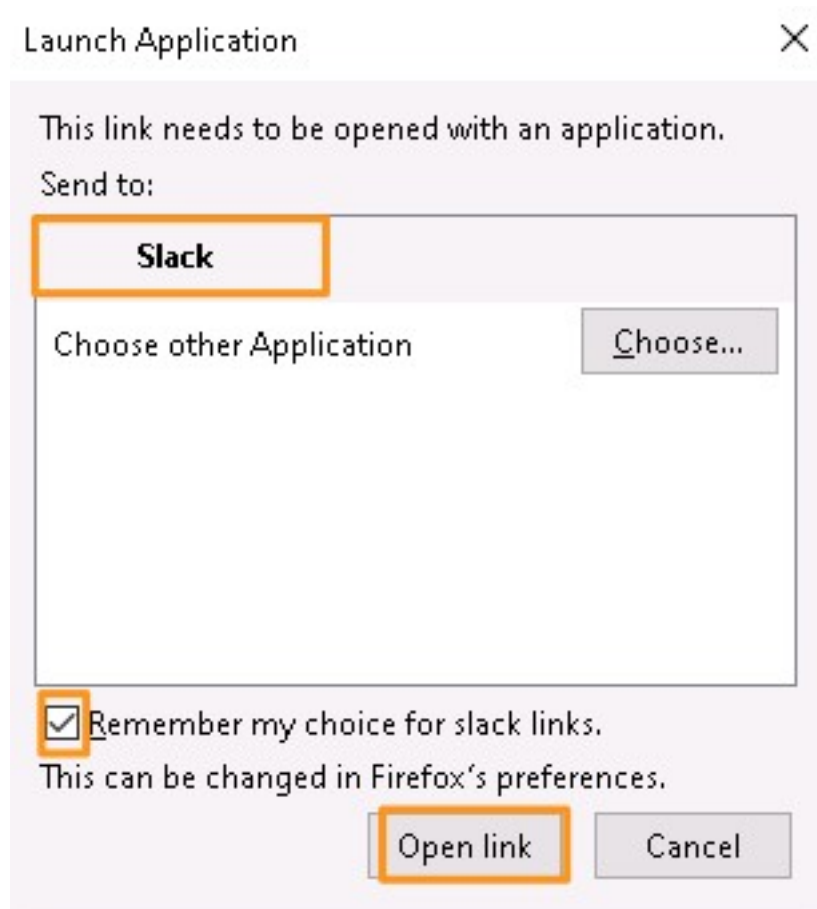
On WKST4, minimize the Chrome browser (or you can close it). Click the **Search bar** next to the Windows icon on the bottom left corner and type “**slack**”. Open the Slack app and click **Sign In to App**. It will open a browser tab and prompt you to identify the workspace.

Enter your workspace name, which is **cb259workspace** in this example. This is where you can find your workspace name.

Click **Continue**.

Log in with **cholland@cbXXX.dc-YY.com** and password **dCloud12345!** (on WKST4).

On the Slack prompt, select **Remember My Choice for Slack Links** and click **Open Link**.



Repeat the same steps on **WKST2** as **aperez@cbXXX.dc-YY.com** and **dCloud12345!**

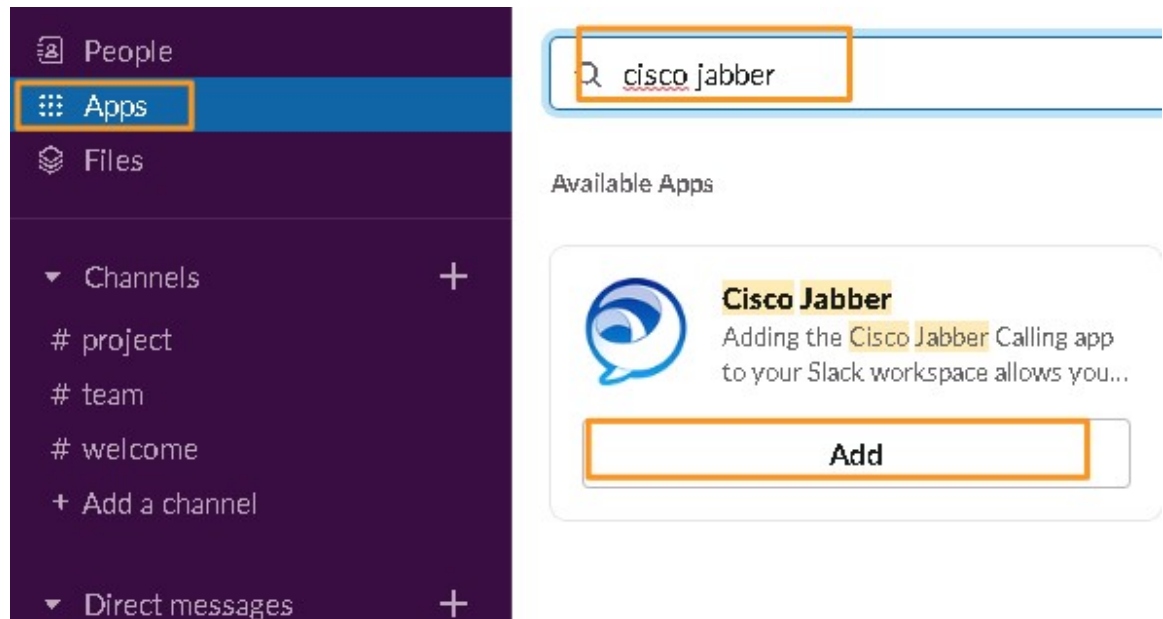
**Step 7** On **WKST2** (Anita Perez), click **Charles Holland** in the left-side pane under **Direct messages** and send messages back and forth from WKST4 (Charles Holland).

## Add Cisco Jabber App to Slack

**IMPORTANT:** If you used the Global Demo Collab Bot for setting up Slack trial tenant, Cisco UC applications (Cisco Jabber, Cisco Webex Call, and Cisco Webex Meetings) are added automatically. **Cisco Jabber** is selected as your primary calling device by default. You can skip steps 1-6 in this section and proceed to the next section. If you did not use the Global Demo Collab Bot, please follow these manual instructions below.


### Procedure

**Step 1** On **WKST2 (Anita)**, click **Browse Slack** and then **Apps** on left. Search for **Cisco Jabber**. Click **Add**. It will open a new browser tab.



**Step 2** Click **Add to Slack**.

[← Browse Apps](#)



**Add to Slack**

**Learn More**

**App help**

**App privacy policy**

## Cisco Jabber

[App Info](#) [Settings](#) [Security &](#)

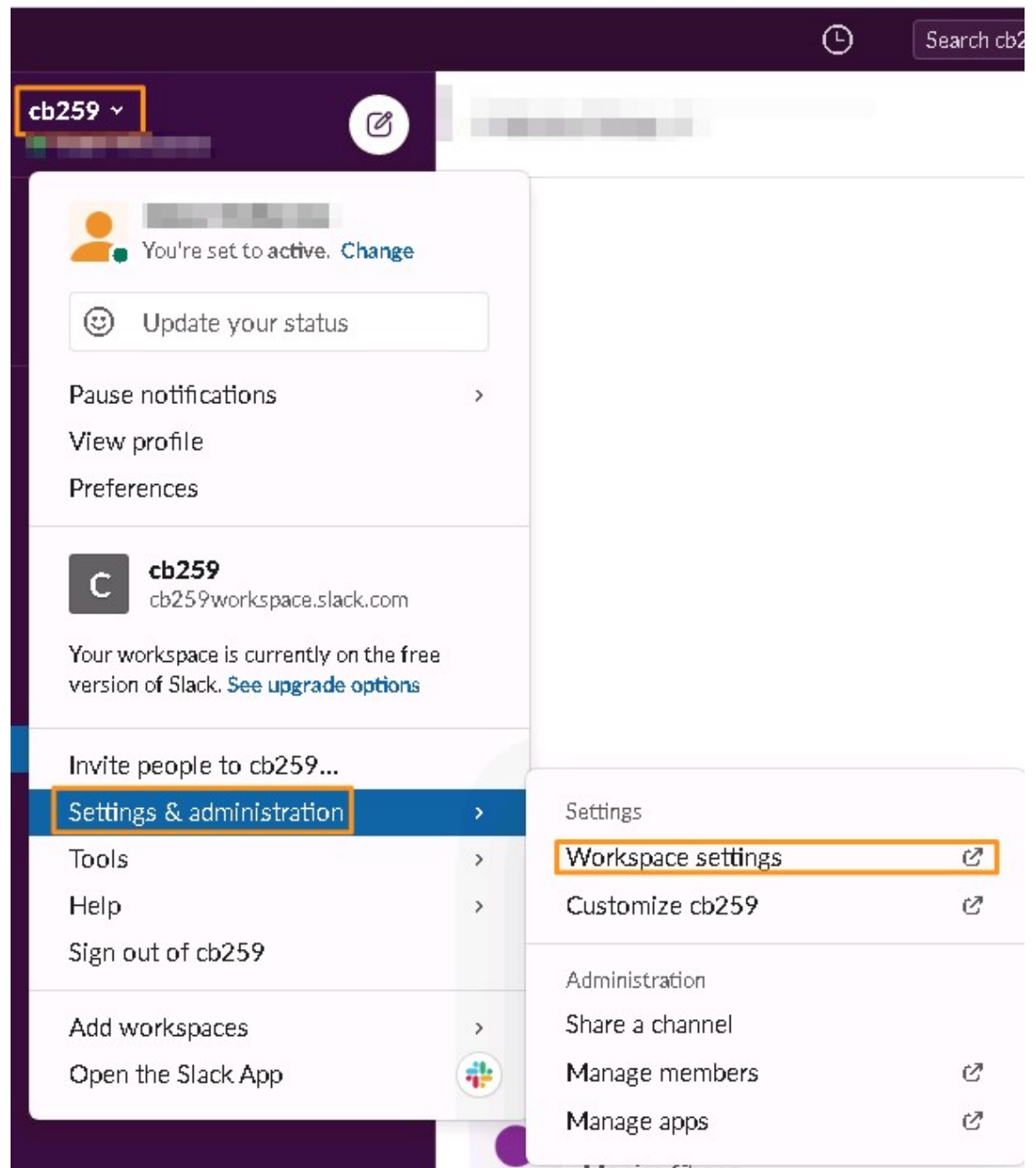
The Cisco Jabber calling app allows Slack. The app integrates Slack with buttons in Slack are mapped to Cisco views.

The integration will work with Cisco mode calling, voice, video and desk phone dial your colleague. You must have Cisco Jabber for Windows workspace administrator will also not integration.

The Cisco Jabber Calling can also be used. This allows you to use both Cisco r

- Step 3** It will list all the content and permissions that are being used with the Jabber/Slack integration. Click **Allow** and close the **browser tab**.
- Step 4** Open the **Slack application**. Click **Slack workspace name** (cb259 in the screenshot example) on top left corner and select **Settings & administration > Workspace settings**.





**Step 5** It will open workspace settings window. Scroll down towards the bottom of the page and click to expand **Calls**. Uncheck **Slack** and select **Cisco Jabber**.

**Step 6** Click **Save** and close all windows.

## Calls

Close

Choose how members make calls in Slack. You can use Slack itself or a [third-party calling app](#).

- Allow video calls in Slack

Calling options:

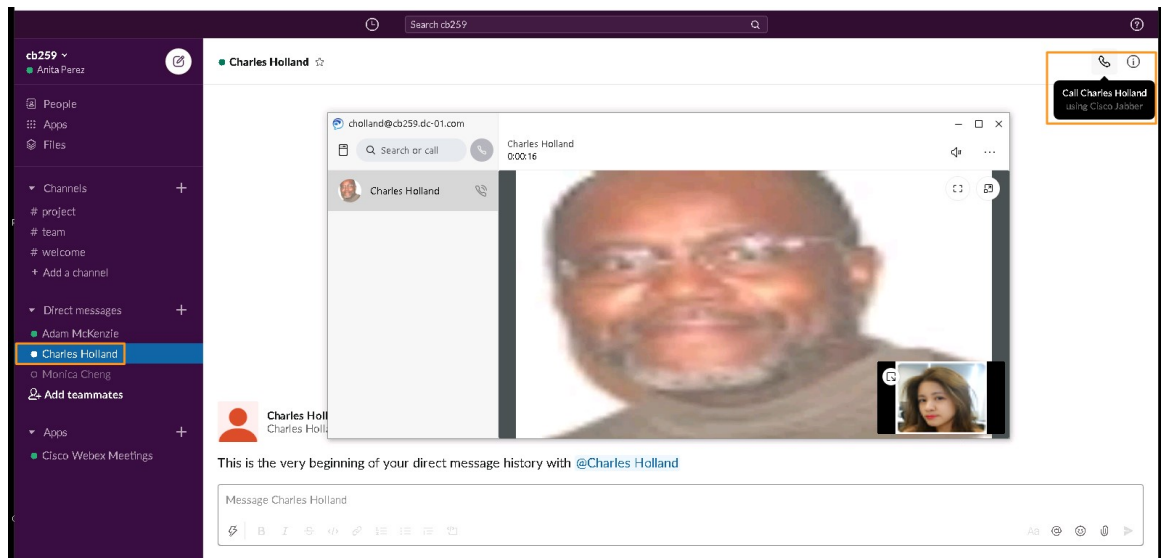
- Slack  
 Cisco Jabber

Save

## Make Calls with Cisco Jabber App in Slack

### Procedure

- Step 1** Open **Cisco Jabber** on **WKST2 (Anita)** and **WKST4 (Charles)**. It should be auto logged in; if not, log in with **aperez/dCloud12345!** (on **WKST2**) and **cholland/dCloud12345!** (on **WKST4**).
- Step 2** In the Slack chat conversation with Charles, hover over the **Receiver** icon in the top-right corner. It shows **Call Charles Holland using Cisco Jabber**. Click the **Receiver icon** to place a call. There will be a pop up window to ask permission to use Cisco Jabber. Add a check mark for **Always open links from ciscotel** and click **Open Link**.
- Step 3** Back in Slack, click the **Receiver icon** again to place a call to Charles Holland. Answer the call on **WKST4**.



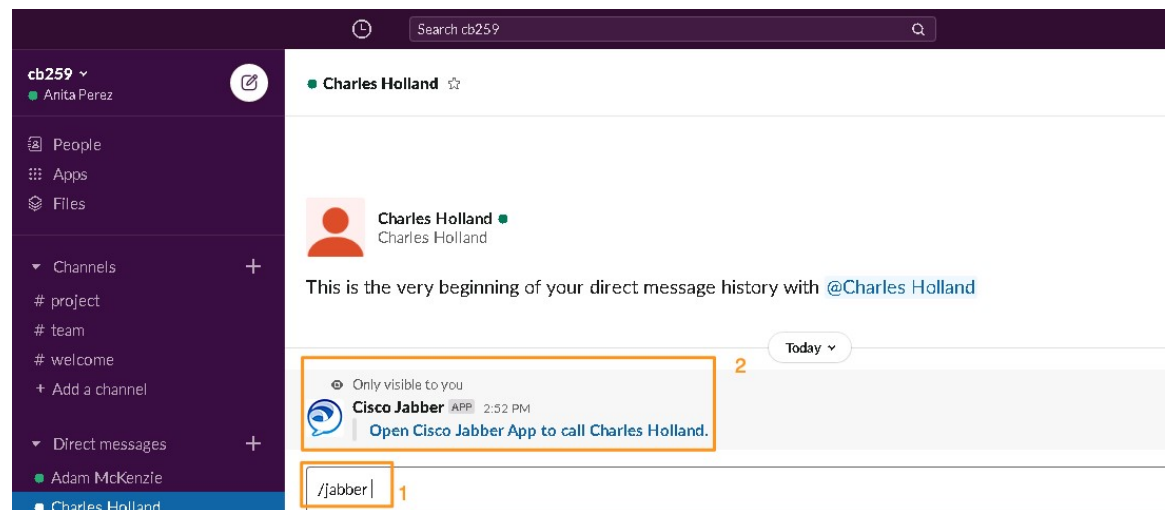
## Jabber Call Commands in Messaging Window

You can use commands in a direct message window in the Jabber app to call a user with their name or SIP URI, or enter the number Directory Number (such as an extension), or PSTN (such as a mobile).

### Procedure

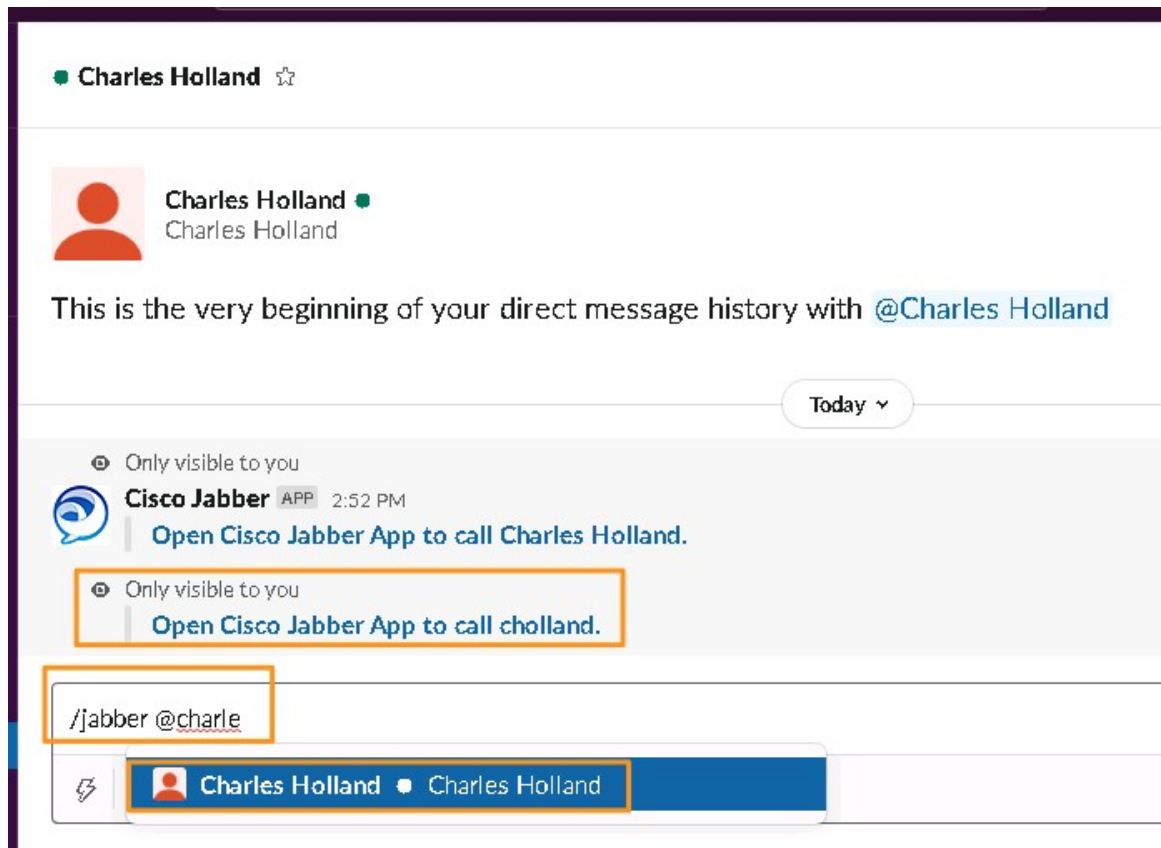
**Step 1** In **Slack** on **WKST2 (Anita)**, type **/jabber** in the Slack messaging window with Charles. Click **Send** to place a call to Charles.

**Step 2** Click **Open Cisco Jabber App** to call Charles Holland to place the call.



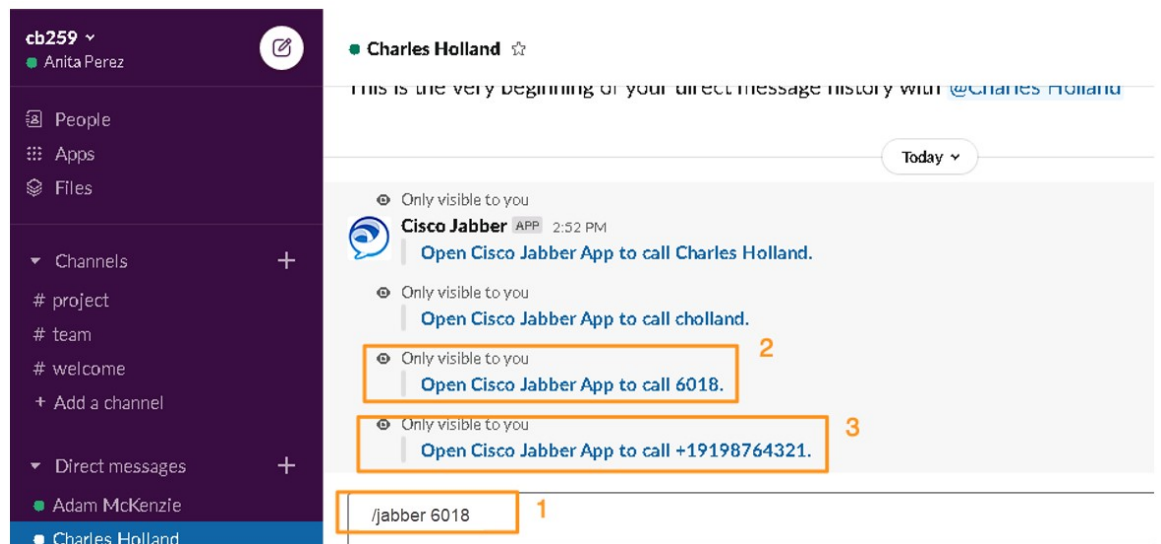
**Step 3** In the Messaging window with Charles, type **/jabber** and add **@username**, like this: **@Charles Holland**. Note you can type any user's name in any chat window; it doesn't have to be the person in that messaging space. (This will be very useful in real-life scenarios when you have multiple contacts in an organization. You can call anyone in the organization from this window; not just Charles Holland.)

**Step 4** Click **Send**. Click **Open Cisco Jabber App** to call **cholland**.

**Step 5**

In the Messaging window with Charles, type **/jabber** and add a **DN** or a **PSTN**. For DN, type **6018**, which is Charles Holland's directory number. Or, for PSTN, type your phone number in the E.164 format (example format: **+19198764321**), which would be Charles' phone number. Click **Send** to call the DN or PSTN number. Click **Open Cisco Jabber App to call the number you entered**.

**Note** The phone number in the image below is just an example of the formatting. Please use your own phone number to make the call.



## Add Cisco Webex Meetings App to Slack

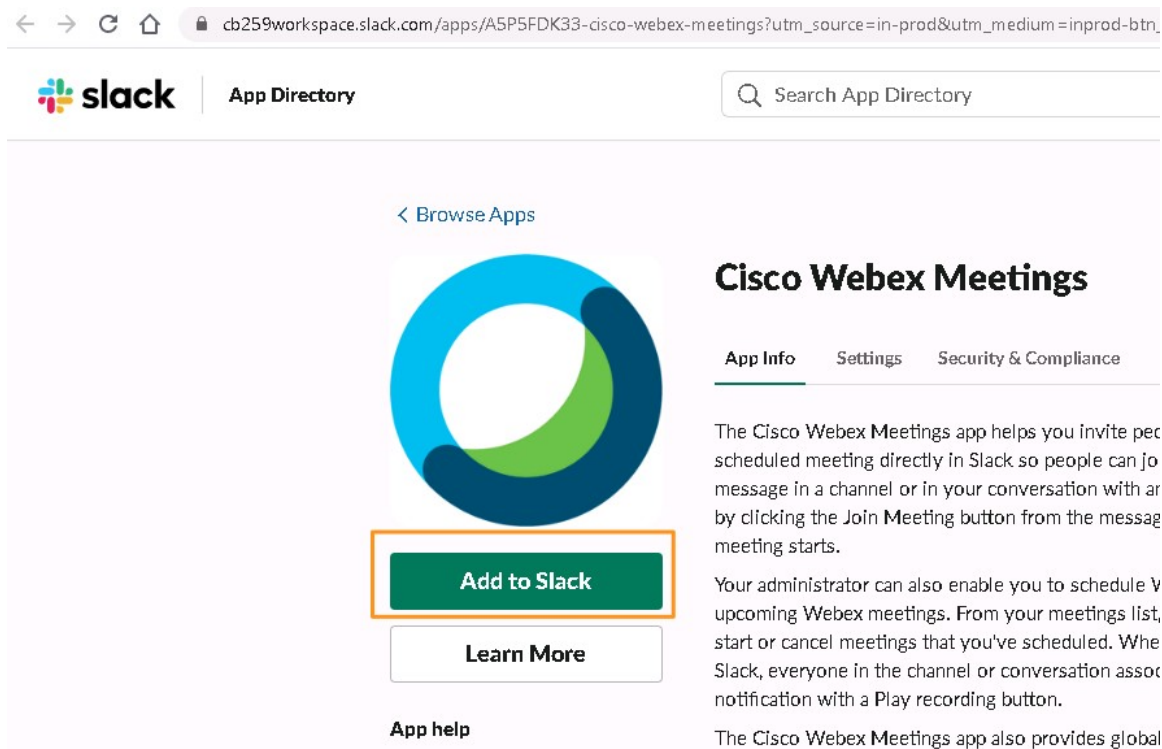
**IMPORTANT:** If you used the Global Demo Collab Bot to set up the Slack trial tenant, Cisco UC applications (Cisco Jabber, Cisco Webex Call, and Cisco Webex Meetings) are added automatically. Cisco Jabber is selected by default; you need to change it to **Cisco Webex Meetings** instead. If you used the set up bot, please skip steps 1-3 and begin following instructions in step 4. If you did not use the Global Demo Collab Bot, please follow all the instructions starting with step 1.

### Procedure

- Step 1** Follow steps 1-3 if you did not use the Global Demo Collab Bot to set up the Slack trial tenant. On **WKST2 (Anita)**, click **More** and then **Apps** on left pane. Search for **Cisco Webex Meetings** and click **Add**.

The screenshot shows the Slack interface. On the left, the sidebar is visible with the 'Apps' menu item highlighted in blue. The main content area shows a search bar with 'Cisco Webex' entered. Below the search bar, the search results are displayed. The 'Cisco Jabber' app is listed first, followed by the 'Cisco Webex Meetings' app, which is highlighted with an orange border. The 'Cisco Webex Meetings' app card includes the app's logo, the name 'Cisco Webex Meetings', a description: 'Start, schedule or join Webex video meetings from Slack.', and an 'Add' button.

**Step 2** Click **Add to Slack**. You will see a list all permissions for the integration. Click **Allow**.



cb259workspace.slack.com/apps/A5P5FDK33-cisco-webex-meetings?utm\_source=in-prod&utm\_medium=inprod-btn

slack App Directory Search App Directory

< Browse Apps

## Cisco Webex Meetings

App Info Settings Security & Compliance

The Cisco Webex Meetings app helps you invite people to a scheduled meeting directly in Slack so people can join a message in a channel or in your conversation with a meeting starts.

Your administrator can also enable you to schedule upcoming Webex meetings. From your meetings list, start or cancel meetings that you've scheduled. When you receive a notification with a Play recording button.

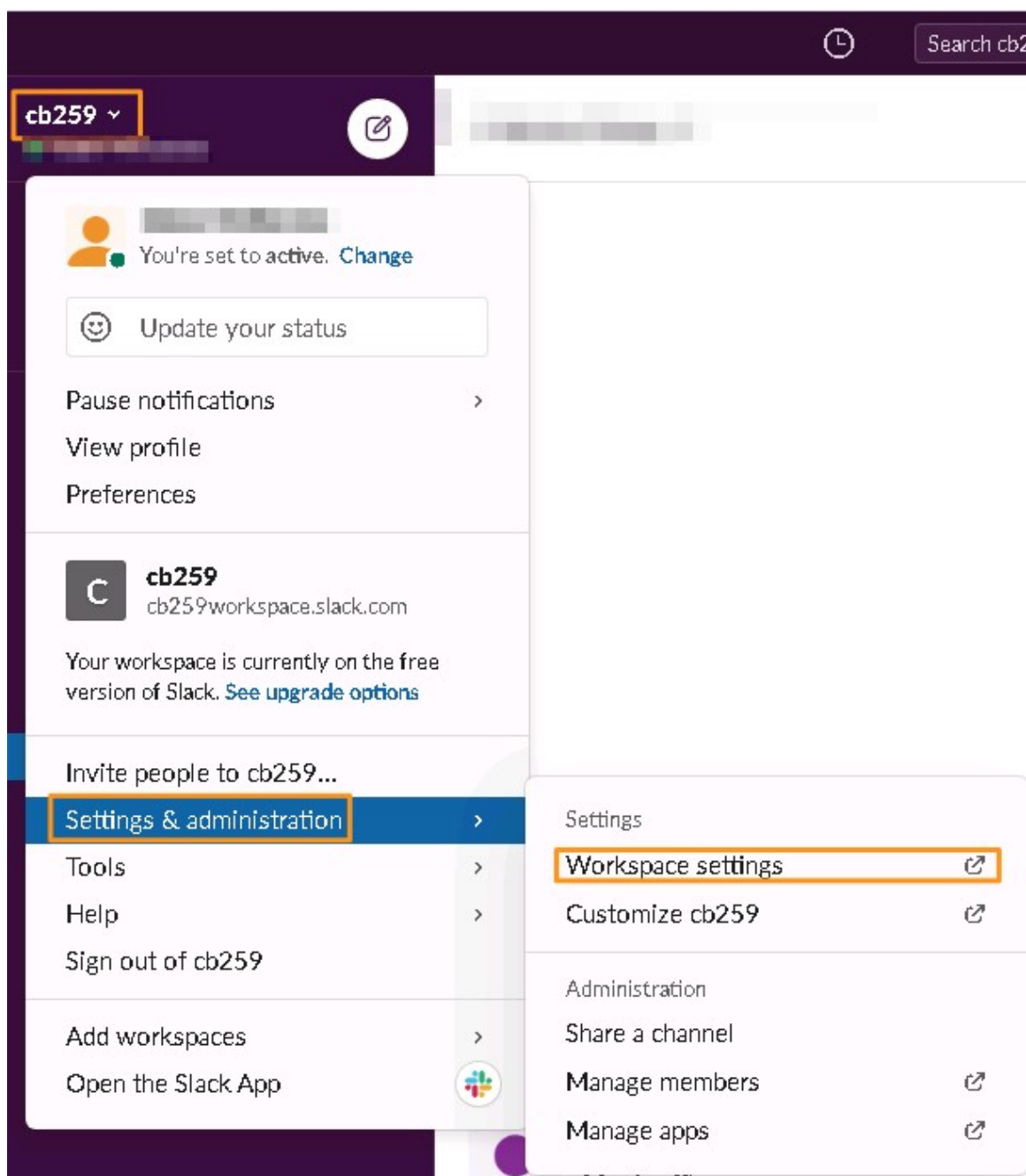
The Cisco Webex Meetings app also provides global

**Add to Slack**

**Learn More**

App help

- Step 3** Once the app is added, it will see You've successfully added the Cisco Webex app to your team. Close the browser tab.
- Step 4** Return to the **Slack application**. Click the **Slack workspace name** (similar to the example cb259 in screenshot below) in the top left-corner. Select **Settings & administration > Workspace settings**.



**Step 5** Scroll down to the **Calls** section. Deselect **Cisco Jabber** by removing the checkmark. Add a check mark for **Cisco Webex Meetings** and click **Save**. Close the browser tab.



**Calls**

Close

Choose how members make calls in Slack. You can use Slack itself or a [third-party calling app](#).

Allow video calls in Slack

Calling options:

Slack

Cisco Jabber

Cisco Webex Meetings

Save

**Note** With trial accounts, you can use only one application at a time. With paid accounts, you can use multiple apps at a time.

- Step 6** Still on **WKST2 (Anita)**, open the **Webex Meetings** application on the desktop. Log in with **aperez@cbXXX.dc-YY.com**.
- Step 7** Take a note of the **Webex site** that is listed to set the default Cisco Meeting website, you will need this soon. Select the meeting site that is listed (*cbXXXYY(a).webex.com*) and enter the password **dCloud12345!** to complete the log in process on both workstations.
- Step 8** On **WKST4 (Charles)**, open the Webex Meetings application on the desktop and log in with **cholland@cbXXX.dc-YY.com**.
- Step 9** Select the meeting site that is listed (*cbXXXYY(a).webex.com*) and enter the password **dCloud123!** to complete the log in process on both workstations.
- Step 10** On **WKST2 (Anita)**, go back to the Slack application and conversation window with Charles Holland. Hover over the **Receiver icon** and you will notice that now it lists Cisco Webex Meetings as your calling device.
- Step 11** On the conversation window, type the following command to set the default meeting website: **/webexconfig site cbXXXYY.webex.com**. Only Administrators can set up the default website.

**Note** The Cisco Webex Meetings app for Slack doesn't support accounts on **meetings.webex.com**, on **meetingsln.webex.com**, or on **Cisco Webex Meetings Server sites**.

**Note** The time zone and language the Webex app integrated in Slack uses is based on the Slack preferences and not the OS settings or your Webex site settings.

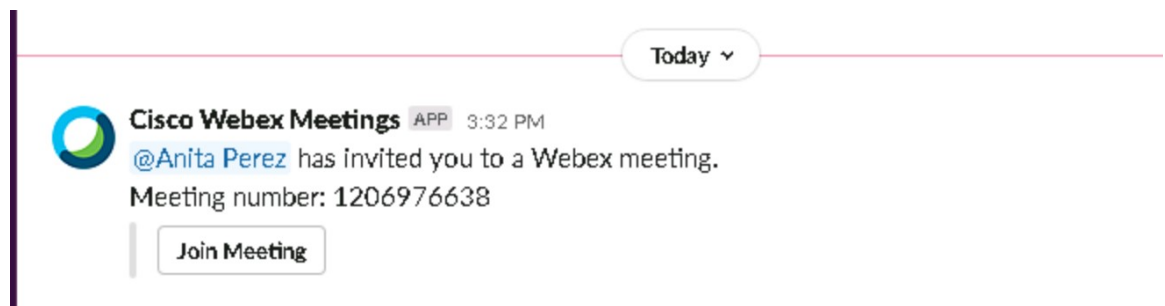
## Set Up, Schedule, Join Meetings Using Cisco Webex Meetings Integration for Slack

There are call couple of ways you can set up, schedule, and join meetings using the Cisco Webex Meetings Integration for Slack.

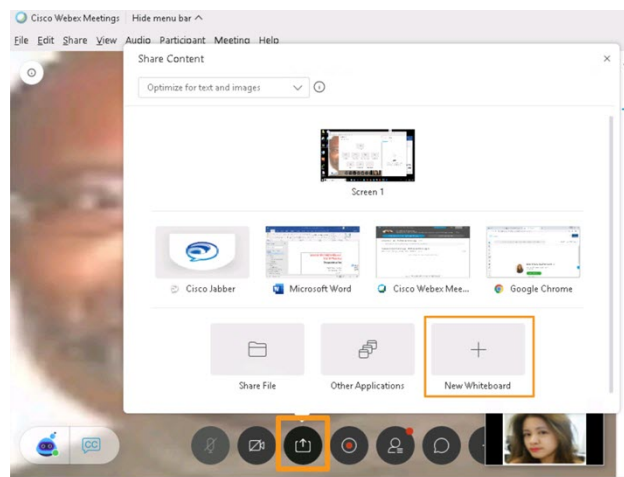
## Start 1:1 Person Ad Hoc Webex Meeting in Slack

### Procedure

- Step 1** On **WKST2 (Anita)**, go to the conversation window with Charles Holland and click the **Receiver icon** in the top-right corner.
- Step 2** If prompted, click **Accept** to give your permission to use Cisco Webex Meetings for this call/meeting.
- Step 3** Click **Start Meeting**. You will join a meeting with Charles Holland. If you receive warnings, such as for an audio device, click OK or ignore.
- Step 4** On **WKST4 (Charles)**, go to the conversation window with Anita. You will see an invitation from Anita. Click **Join Meeting**. Ignore any warnings for an audio device.

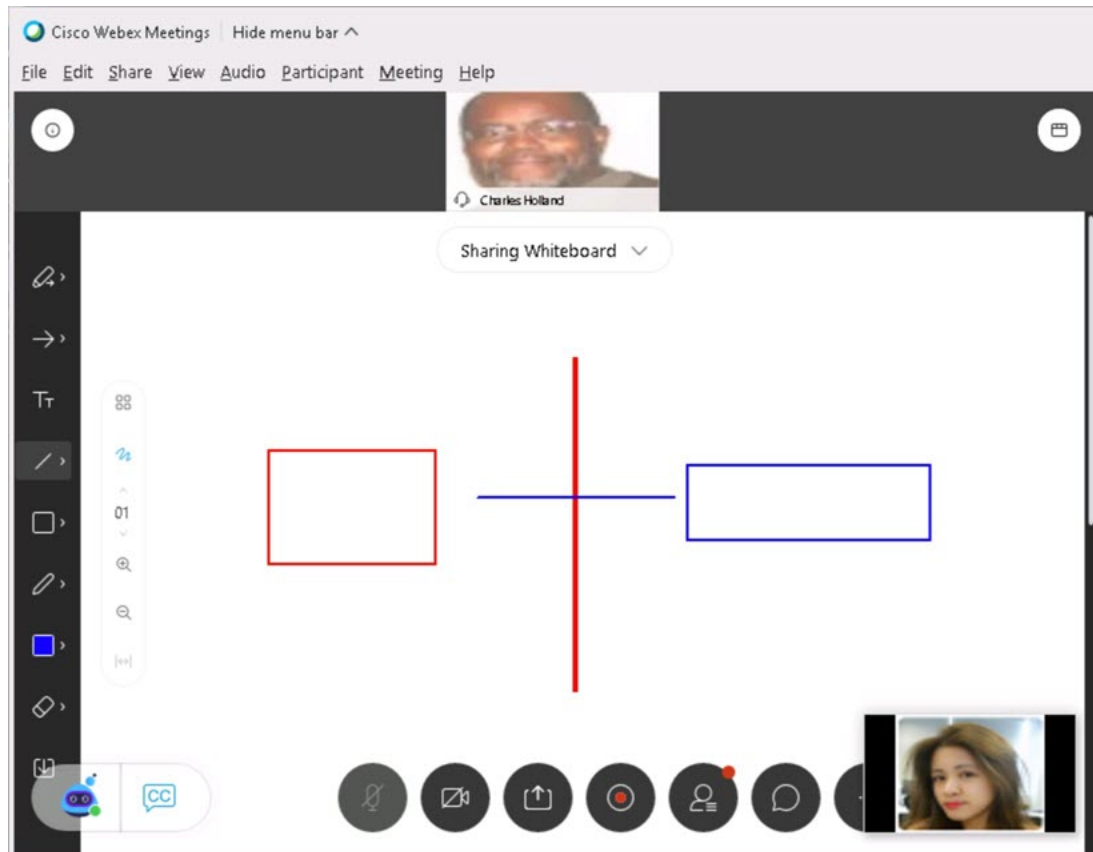


- Step 5** In the meeting on **WKST2 (Anita)**, click the **Share Content** icon to start sharing and select **screen1**.
- Step 6** Open the **Product updates** Word document on the desktop. Go to **WKST4 (Charles)** and verify you can see the document being shared from WKST2.
- Step 7** Explore the other options, such as recording, annotate, or control remote desktop. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request to either Annotate or Control from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2). Stop screen sharing after exploring these options.
- Step 8** You can also start a new whiteboard and share it with others so that they can view/edit what you are writing/drawing. Click the **Share Content** icon and select **New Whiteboard**.



**Step 9** Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also you can save these whiteboard files to access later or share with others.

**Step 10** When done exploring the options, end the meeting on both workstations.



## Schedule a Webex Meeting in Slack with the /webex Command

Webex site administrators must link users' Webex accounts to their Slack accounts before users with a Slack account can schedule and view their upcoming Webex meetings in Slack.

Users will be able to join Webex Meetings from Slack without having to enter their Webex username and password.



**Note** IMPORTANT: The email addresses for the Webex and Slack accounts must match.

### Procedure

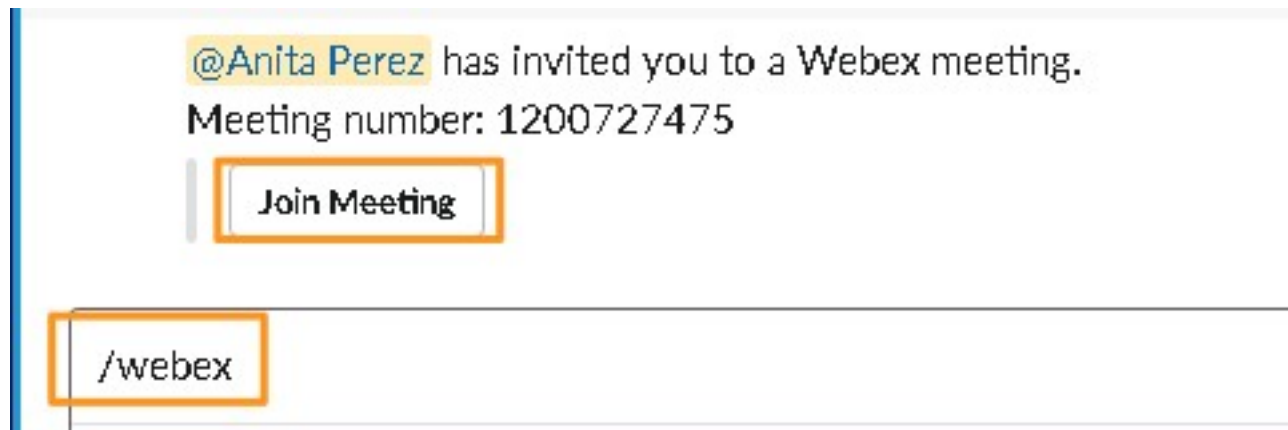
**Step 1** On **WKST2**, open a new Chrome browser. Go to **<https://admin.webex.com>** and log in with **`cholland@cbXXX.dc-YY.com`** and **`dCloud123!`**

**Step 2** Go to **Services**. Under **Meeting**, select **Sites**. Choose your site.

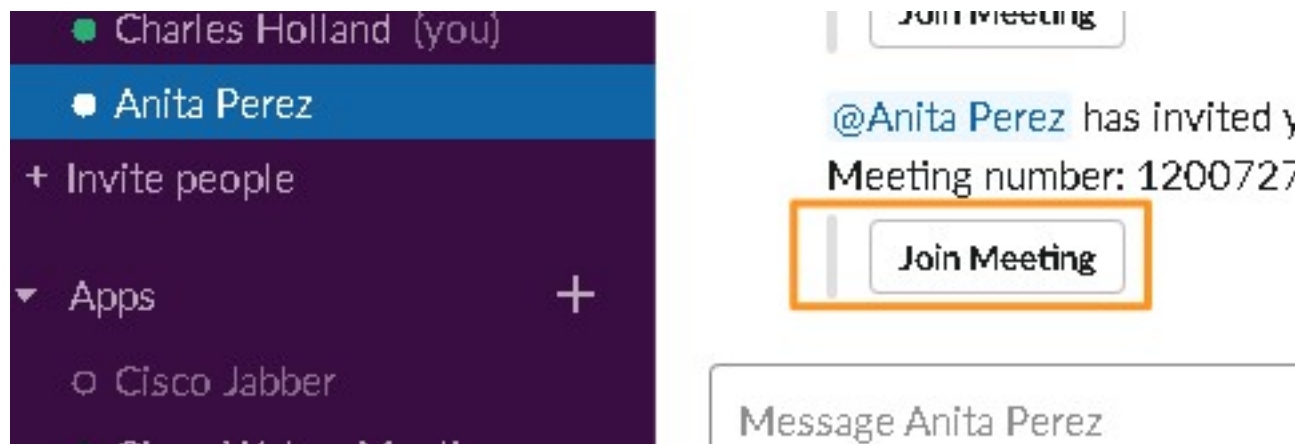
**Step 3** Scroll down a little and select **Configure Site**. Under **Common Settings**, select **Site Options**. Under **Third-Party Integration**, check **Enable Slack Integration**. Click **Update**.

**Note** Once you completed this step, Slack should immediately allow you to schedule a Webex meeting from Slack applications; however, sometimes it takes a few minutes. Allow 5 to 10 minutes before continuing with the steps below to schedule a Webex meeting from Slack.

**Step 4** On **WKST2 (Anita)**, go to the conversation window with Charles Holland and type **/webex** (schedules meeting now). A Join Meeting button will be shown for both Anita and Charles on their Slack client to easily join the meeting.



**Step 5** On **WKST4 (Charles)**, go to the conversation window with Anita. You will see a message from Anita saying you have been sent an invite for a meeting with Anita with a quick Join Meeting option.



**Step 6** Click **Join Meeting** on both workstations to join the meeting. Ignore any warnings for an audio device.

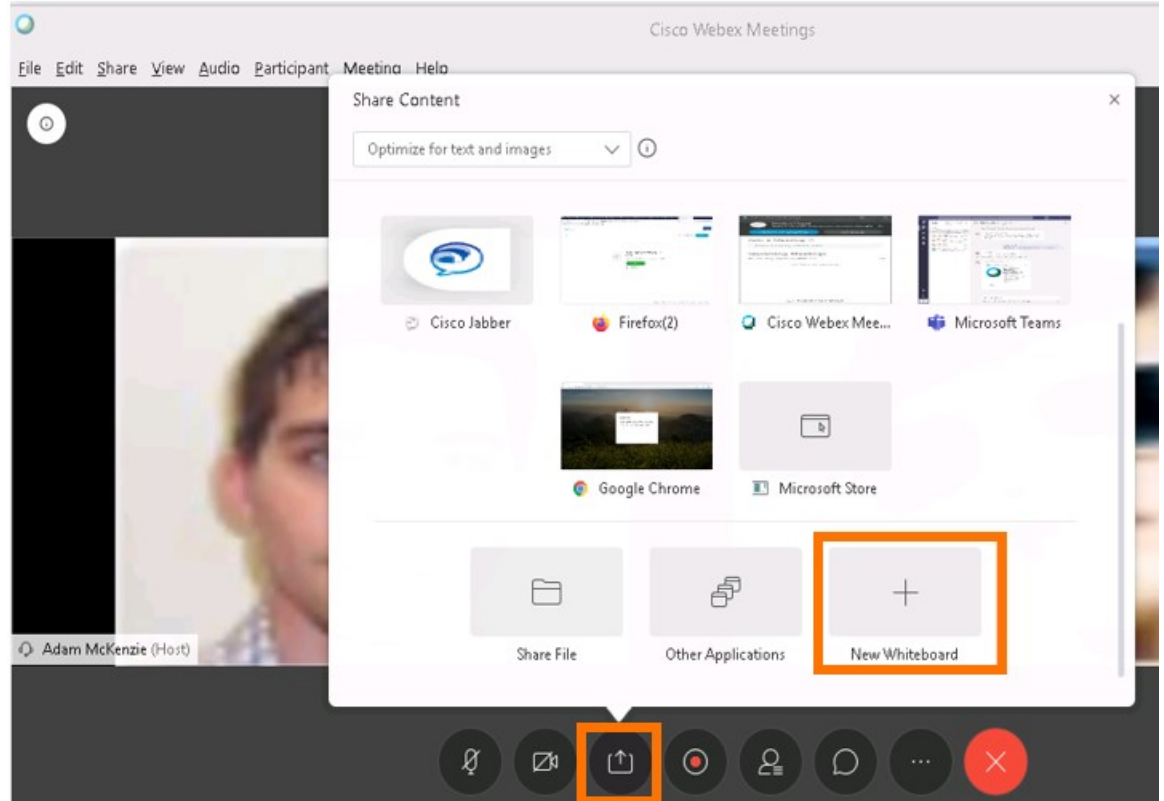
**Step 7** In the meeting on **WKST2 (Anita)**, click the **Share Content** icon to start sharing and select **Screen 1**.

**Step 8** Open the **Product updates** Word document on the desktop. Go to **WKST4 (Charles)** and verify you can see the document being shared from WKST2.

**Step 9** Explore the other options. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request either Annotate or Control from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2). Stop screen sharing after exploring these options.

**Step 10**

You can also start a new whiteboard and share it with others so that they can view/edit what you are writing/drawing. Click the **Share Content** icon and select **New Whiteboard**.

**Step 11**

Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save these whiteboard files to access later or share with others.

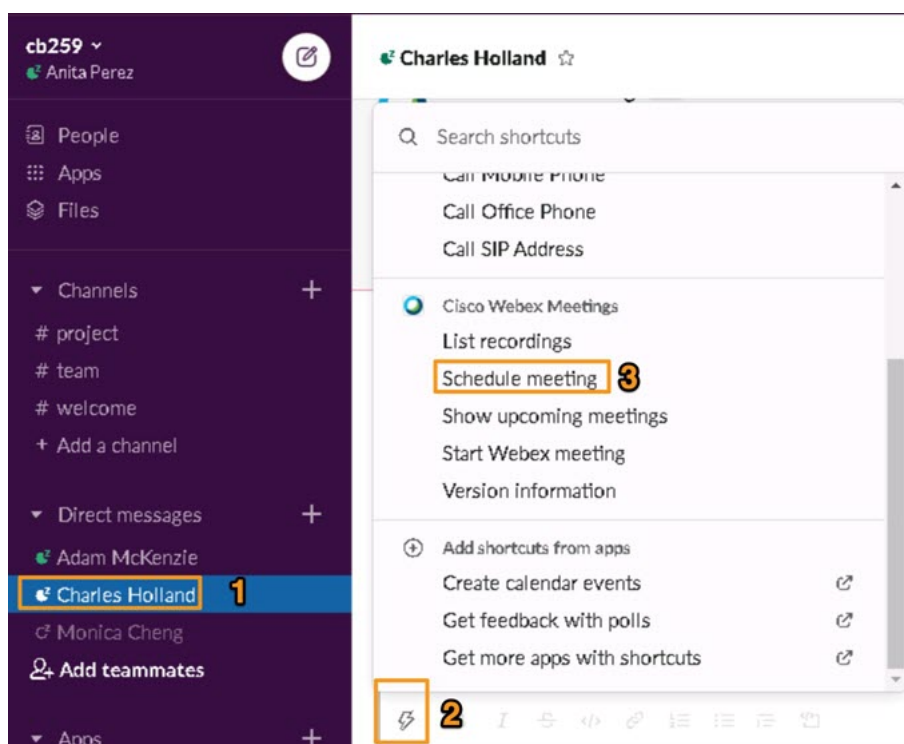
**Step 12**

Once you are done exploring options, end the meeting on both workstations.

## Schedule a Webex Meeting in Slack from the Short Cut Menu

### Procedure

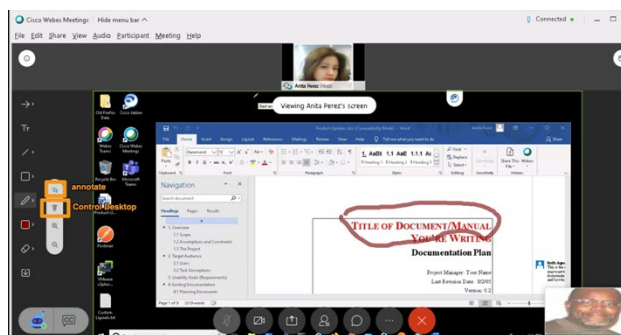
- Step 1** On **WKST2 (Anita)**, go to the conversation window with Charles and click the **Shortcut icon** below the typing window.
- Step 2** On the Shortcut Commands window, click **Schedule meeting**. In the pop up, you are asked to specify who to schedule the meeting with, choose Charles Holland. Note that Charles Holland is selected by default; however, users can use the drop-down menu to choose any other user in their organization.



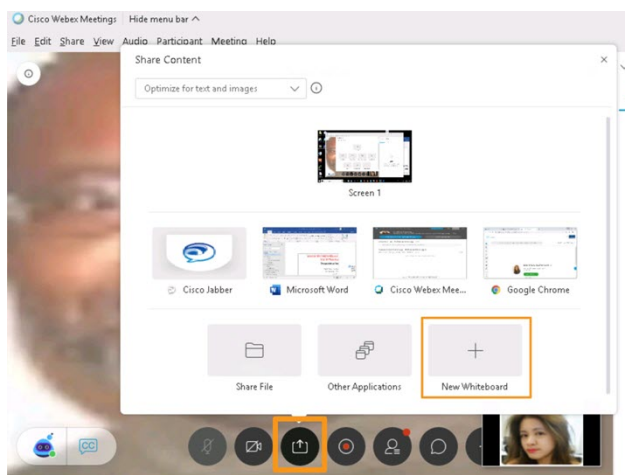
**Step 3** Click **Schedule**. The popup shows the details about scheduling the meeting. Select the **Date and time** of your choice. Optionally, you can also add more users/invites add other users/invitees to list and click **Schedule**.

**Note** Once you enable Slack Integration in Webex Control Hub, it might take some time. Please allow 5 to 10 minutes before you can schedule meetings.

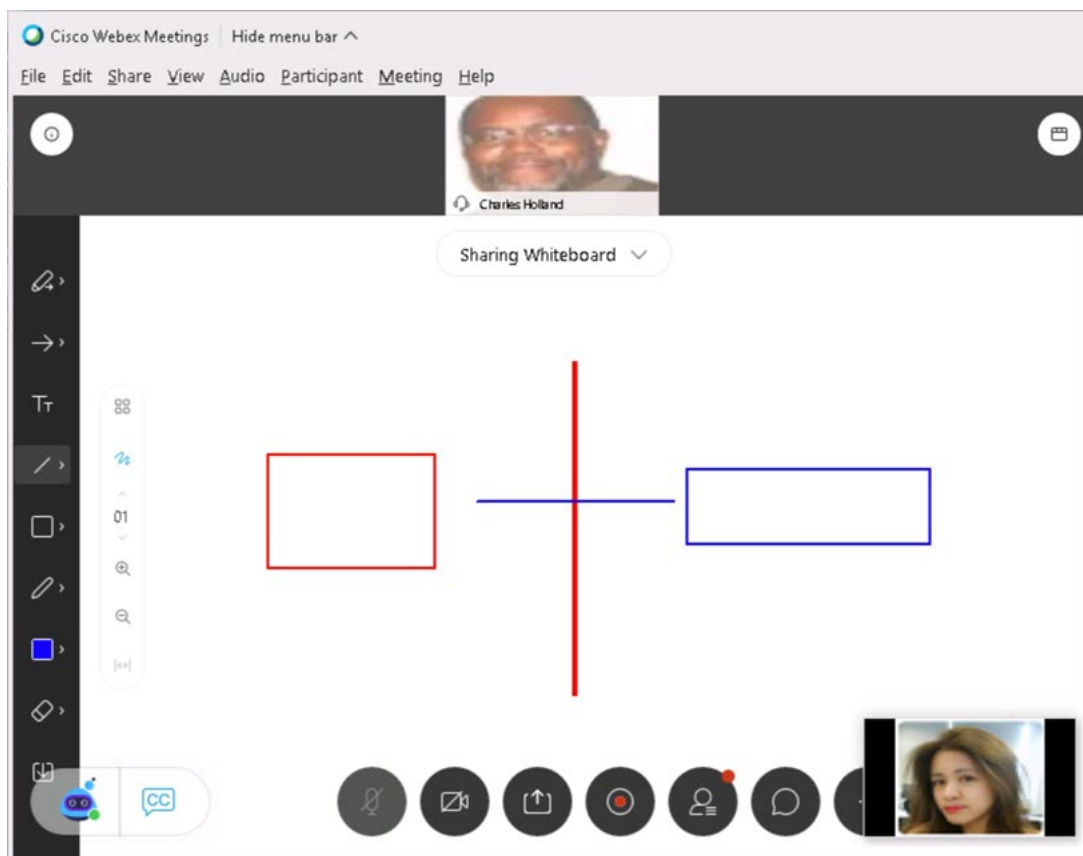
- Step 4** When the meeting is scheduled to start, click **Start Meeting** in the message displays in the conversation window on **WKST4 (Charles)**. Alternatively, you can start the meeting by clicking **Start** on Webex Meeting app.
- Step 5** On **WKST2 (Anita)**, click the **Share Content icon** to start sharing and select **Screen 1**.
- Step 6** Open the **Product Updates** Word document on the desktop. Go to **WKST4** and verify you can see the screen share and the document being shared from WKST2.
- Step 7** Explore the other options, such as recording, annotate, or control remote desktop. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request either Annotate or Control from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2).



- Step 8** You can also start a new whiteboard and share it with others so they can view/edit what you are writing/drawing. Click the **Share Content icon** and select **New Whiteboard**.

**Step 9**

Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also you can save these whiteboard files to access later or share with others. When done exploring the options, end the meeting on both workstations.



**Note** There are a number of Cisco Webex Meetings app commands for Slack. Visit [https://help.webex.com/en-us/nsuguis/Schedule-Start-and-Join-Cisco-Webex-Meetings-in-Slack#id\\_113721](https://help.webex.com/en-us/nsuguis/Schedule-Start-and-Join-Cisco-Webex-Meetings-in-Slack#id_113721)



# Scenario 2: Cisco Webex Calling and Meeting Integration for Slack

## Set Up Slack

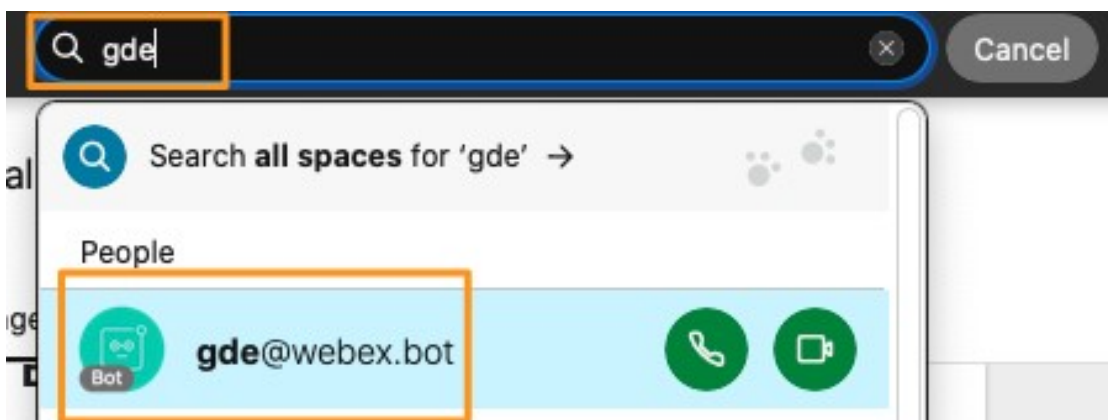
Follow the steps to configure your demonstration environment.

### Procedure

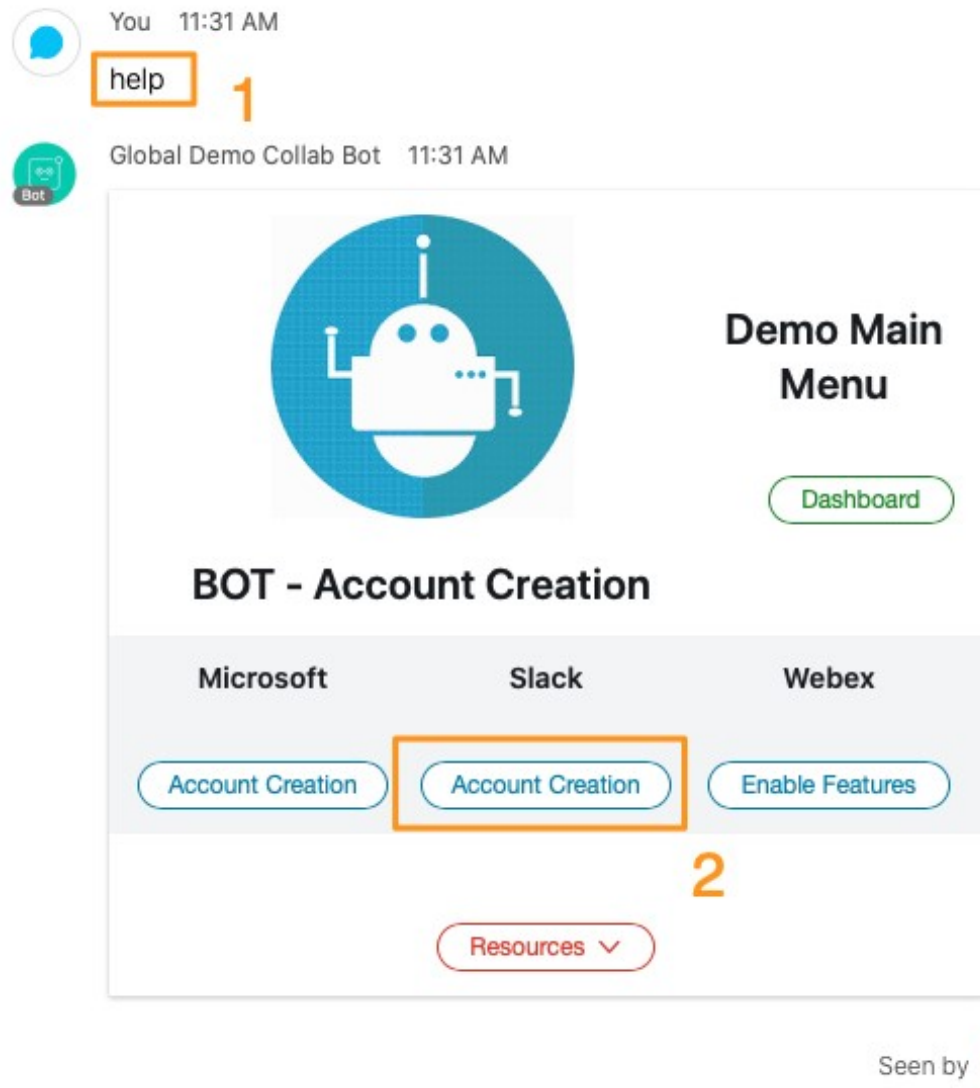
**Step 1** Prepare your Slack tenent with the easy-to-use Global Demo Collab Bot.

**Note** If needed, you can skip these bot instructions (a-i) and manually create your Slack trial tenent. You'll find step-by-step manual instructions in Step 2.

- a) **a.** In your personal Cisco Webex Teams, in the top-left click the + icon and choose **Contact a Person**.
- b) **b.** Search for and select **Global Demo Collab Bot**.



- c) **c.** In the newly created **Global Demo Collab Bot** space, type and send the message "**help**".
- d) **d.** Under **Slack**, click **Account Creation**.



- e) **e.** When prompted, enter **Anita** Perez's email address in the formant of **aperez@cbXXX.dc-YY.com** (you can find your session's XXX and YY info on your Session's Details tab). Click **Submit**. Slack will email a six-digit code Anita Perez.
- f) **f.** Log in to **WKST2** with **dcloud\aperez** and **dCloud12345!**
- g) **g.** Open a new browser tab in Chrome. (If Chrome loads as a blank white page, click **Home** to load the default page.) Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\aperez** and **dCloud12345!**
- h) **h.** Open the Slack email and copy the **code**. Paste the code in the bot. Click **Submit**.
- i) **i.** When the trial tenant is created, you will get the Slack tentant account URL, email, and login password. Copy the **URL**.
- j) **j.** On **WKST2 (dcloud\aperez)**, open a new browser tab and open the URL you copied from the bot. Enter the user ID and password given by bot. Click **Sign in**.

**Step 2**

Follow these steps *ONLY* if you need to *manually* prepare your **Slack** tenent. If you used the Global Demo Collab Bot, please skip to step 3.

- a) **a.** Log in to **WKST2** with **dcloud\aperez** and **dCloud12345!**
- b) **b.** Open the Chrome browser from task bar and go to **https://slack.com**
- c) **c.** Click **Try for Free** to create a trial account.
- d) **d.** Click **Create a Slack Workspace**.
- e) **e.** Enter the email address **aperez@cbXXX.dc-YY.com** (Get the domain from the Session Details tab).
- f) **f.** Click **Create Account**. Slack will send a six-digit code to the email address you gave above.
- g) **g.** Open a new browser tab in Chrome. (If Chrome loads as a blank white page, click **Home** to load the default page.) Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\aperez** and **dCloud12345!**
- h) **h.** Open the Slack email and copy the code. Enter the **code** in the Slack trial.
- i) **i.** When asked to choose the name of your company and team, you can keep the domain name cbxxx (from the Session Domain Name) or change the Team name to your choice. Click **Next**.
- j) **j.** Enter Charles Holland's email **cholland@cbXXX.dc-YY.com** as a teammate email address and click **Add**

Step 3 of 3

## Who would you like to use Slack with?

Teammate's email address

+

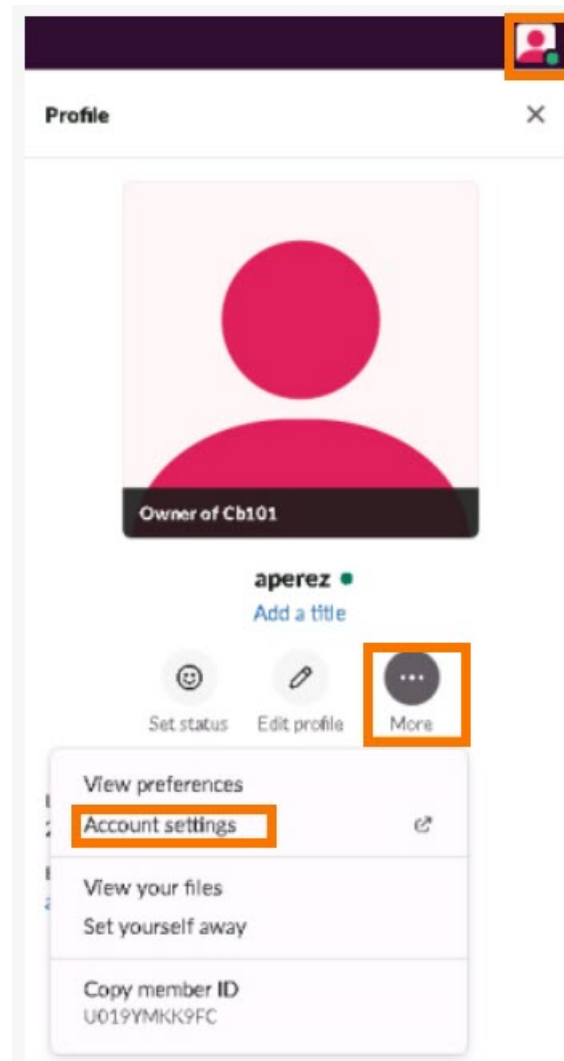
Paste many at once | [Share an invite link](#)

**Add Teammates**

Skip this step

**Note** Sometimes Slack creation will directly log you in to the Slack application without setting your password and does not walk you through Steps 11-13 below. If after adding teammates you find yourself in the Slack application, please skip Steps 11-13 and follow these instructions to create your password:

In the Slack application, click the **user icon** on the top-right corner and select **View Profile**. Click **More** and click **Account settings**.



Under Settings, expand the **Password** option and choose **Reset your password by email**. It will send an email with a URL to set/reset your password.

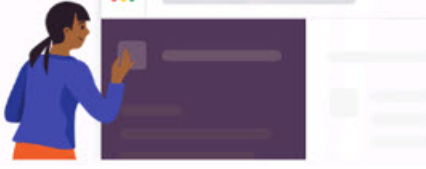
Go back to the tab with Outlook open and open the email from Slack with subject **Reset your password**.

Click **Choose a New Password**, enter your new password and click **Change My Password**. Continue with Step 14.

k) k. Click **See Your Channel in Slack**.

- l) **l.** Scroll down and click **Finish setup**. On the pop up, enter the name **Anita Perez** and password **dCloud12345!** and click **Next**.
- m) **m.** Keep the workspace name and Slack URL the same. Remember the **Slack workspace name**; you are going to use later. Click **Finish**. Close any further prompts on the screen.

### Review your team's details ✕



**Slack workspace name**

Most teams use the name of their company or organization.

**Slack URL**

You'll use this URL to sign in to Slack. Letters, numbers, and hyphens only.

Step 2 of 2

Back
Finish

- Step 3** Log in to **WKST4** with **dcloud\cholland** and **dCloud12345!**
- Step 4** Open the Chrome browser from the task bar. Select **Collaboration User Links > dCloud Outlook Web Access**. Log in with **dcloud\cholland** and **dCloud12345!**
- Step 5** Open the email from Slack saying Anita Perez invited you to work with her in Slack. Click **Join Now** and enter following the following details.
- a) Full Name: **Charles Holland**
  - b) Password: **dCloud12345!**
  - c) Click **Create Account** to create a Slack account for Charles Holland. This will complete the Slack account setup for Charles.
- Step 6** Close any pop up prompts/warnings, if any.

**Note** You can continue using Slack in the browser or you can open the Slack app installed on the workstation. We recommend using the Desktop Application from the WKST2 and WKST4.

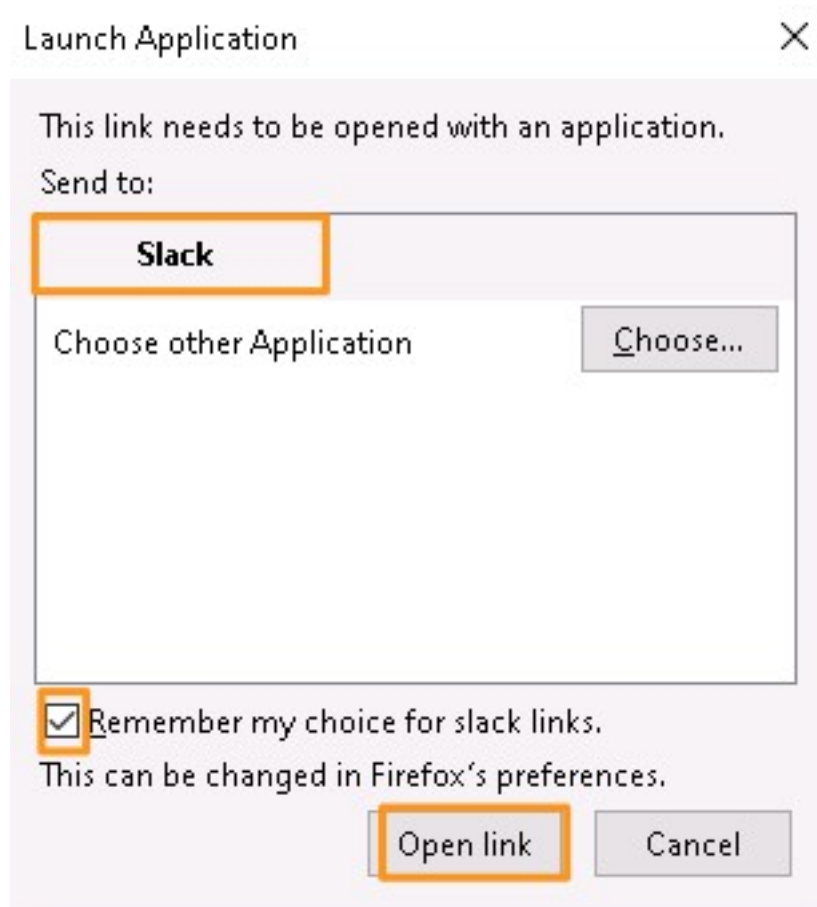
On WKST4, minimize the Chrome browser (or you can close it). Click the **Search bar** next to the Windows icon on the bottom left corner and type “**slack**”. Open the Slack app and click **Sign In to App**. It will open a browser tab and prompt you to identify the workspace.

Enter your workspace name, which is **cb259workspace** in this example. This is where you can find your workspace name.

Click **Continue**.

Log in with **cholland@cbXXX.dc-YY.com** and password **dCloud12345!** (on WKST4).

On the Slack prompt, select **Remember My Choice for Slack Links** and click **Open Link**.



Repeat the same steps on **WKST2** as **aperez@cbXXX.dc-YY.com** and **dCloud12345!**

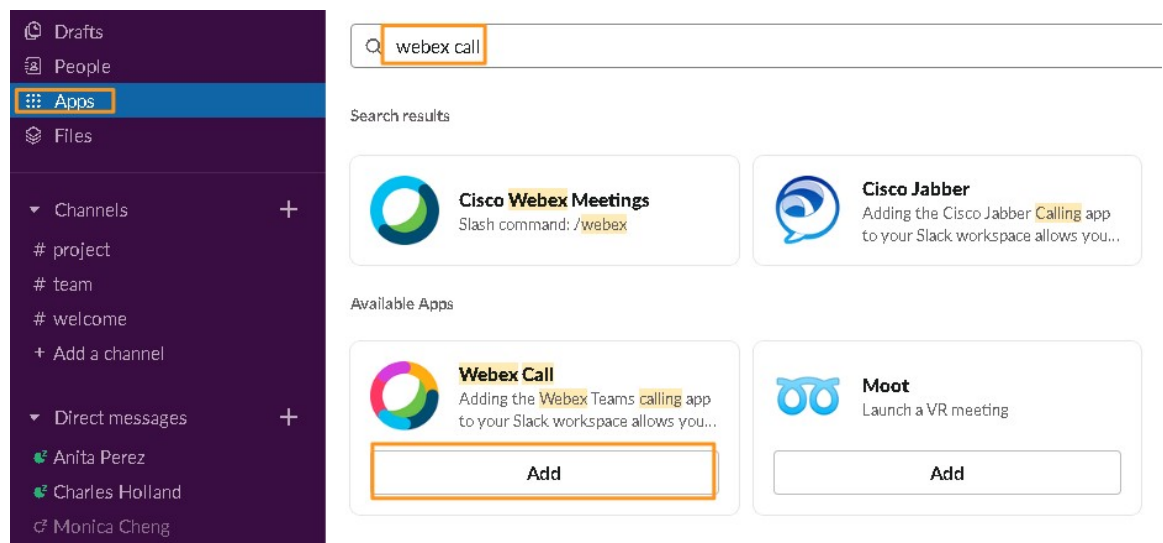
**Step 7** On **WKST2** (Anita Perez), click **Charles Holland** in the left-side pane under **Direct messages** and send messages back and forth from WKST4 (Charles Holland).

## Add Cisco Webex Calling App to Slack

**IMPORTANT:** If you used the Global Demo Collab Bot to set up the Slack trial tenant, Cisco UC applications (Cisco Jabber, Cisco Webex Call, and Cisco Webex Meetings) are added automatically. Cisco Jabber is selected by default; you need to change it to **Webex Call** instead. If you used the set up bot, please skip steps 1-3 and begin following instructions in step 4. If you did not use the Global Demo Collab Bot, please follow all the instructions starting with step 1.

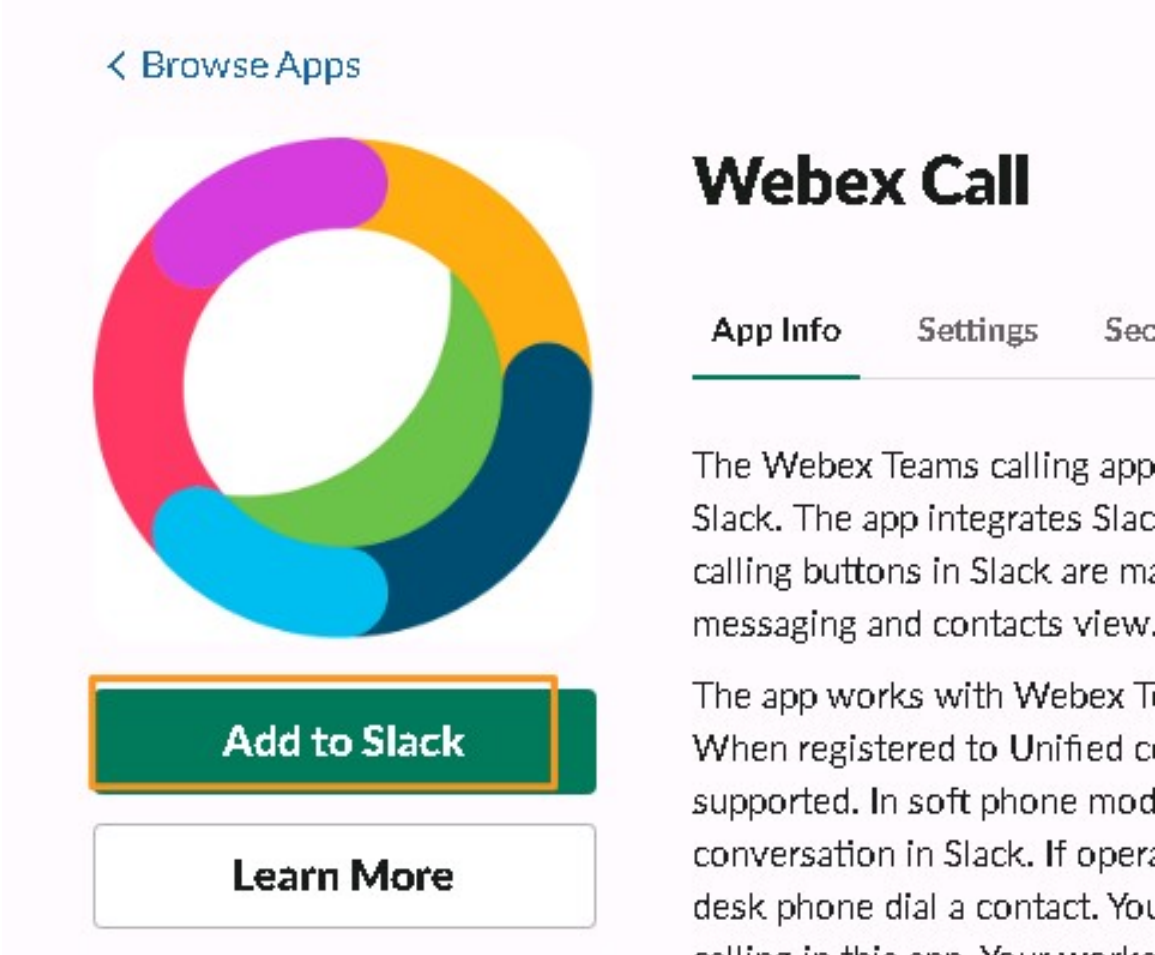
### Procedure

**Step 1** Follow steps 1-3 if you did not use the Global Demo Collab Bot to set up the Slack trial tenant. On **WKST2 as Anita**, click **More** and then **Apps** on left pane. Search **Webex Call**. Click **Add**. It will open a new browser tab.



The screenshot shows the Slack interface. On the left sidebar, the 'Apps' menu item is highlighted. The main content area shows a search bar with 'webex call' entered. Below the search bar, the search results are displayed. Under 'Search results', there are two cards: 'Cisco Webex Meetings' with a slash command of '/webex' and 'Cisco Jabber' with a description 'Adding the Cisco Jabber Calling app to your Slack workspace allows you...'. Under 'Available Apps', there are two cards: 'Webex Call' with a description 'Adding the Webex Teams calling app to your Slack workspace allows you...' and 'Moot' with a description 'Launch a VR meeting'. The 'Add' button for the 'Webex Call' app is highlighted with a red box.

**Step 2** Click **Add to Slack**.



< Browse Apps

## Webex Call

App Info Settings Sec

The Webex Teams calling app Slack. The app integrates Slack calling buttons in Slack are messaging and contacts view.

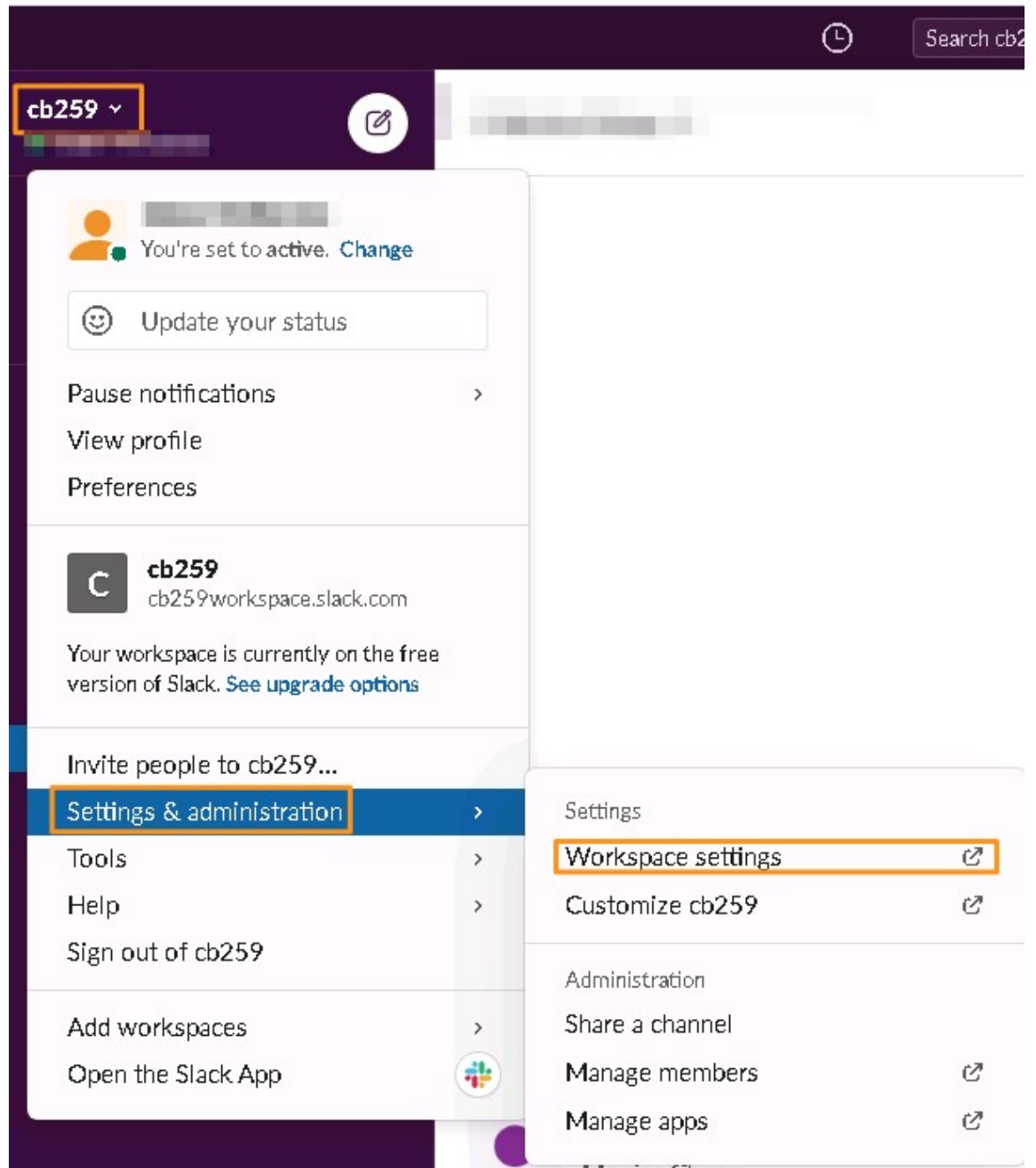
The app works with Webex Teams. When registered to Unified Communications supported. In soft phone mode conversation in Slack. If operating desk phone dial a contact. You calling in this app. Your work

Add to Slack

Learn More

- Step 3** It will list all the content and permissions that are being used with the Webex Calling/Slack integration. Click **Allow**. Close the browser tab once the Webex Call App has installed successfully.
- Step 4** Return to the **Slack application**. Click **Slack workspace name** (cb259 in the screenshot example) on top left corner. Select **Settings & administration > Workspace settings** .





**Step 5** It will open the workspace settings window. Scroll down towards the bottom of the page and click to expand **Calls**. Uncheck whichever is selected and select **Webex Call**. Click **Save** and close the browser.

## Calls

Choose how members make calls in Slack. You can use Slack

Allow video calls in Slack

Calling options:

- Slack
- Cisco Jabber
- Cisco Webex Meetings
- Webex Call



**Note** With trial accounts, you can use only one application at a time. With paid accounts, you can use multiple apps at a time.

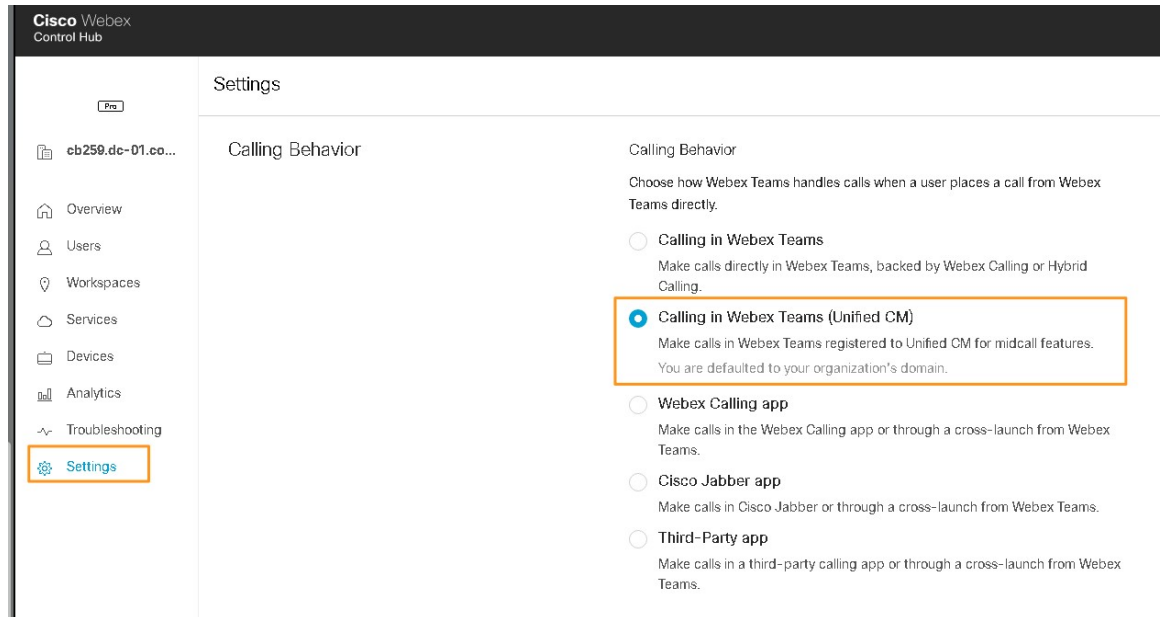
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## Make Calls with Cisco Webex Calling App in Slack

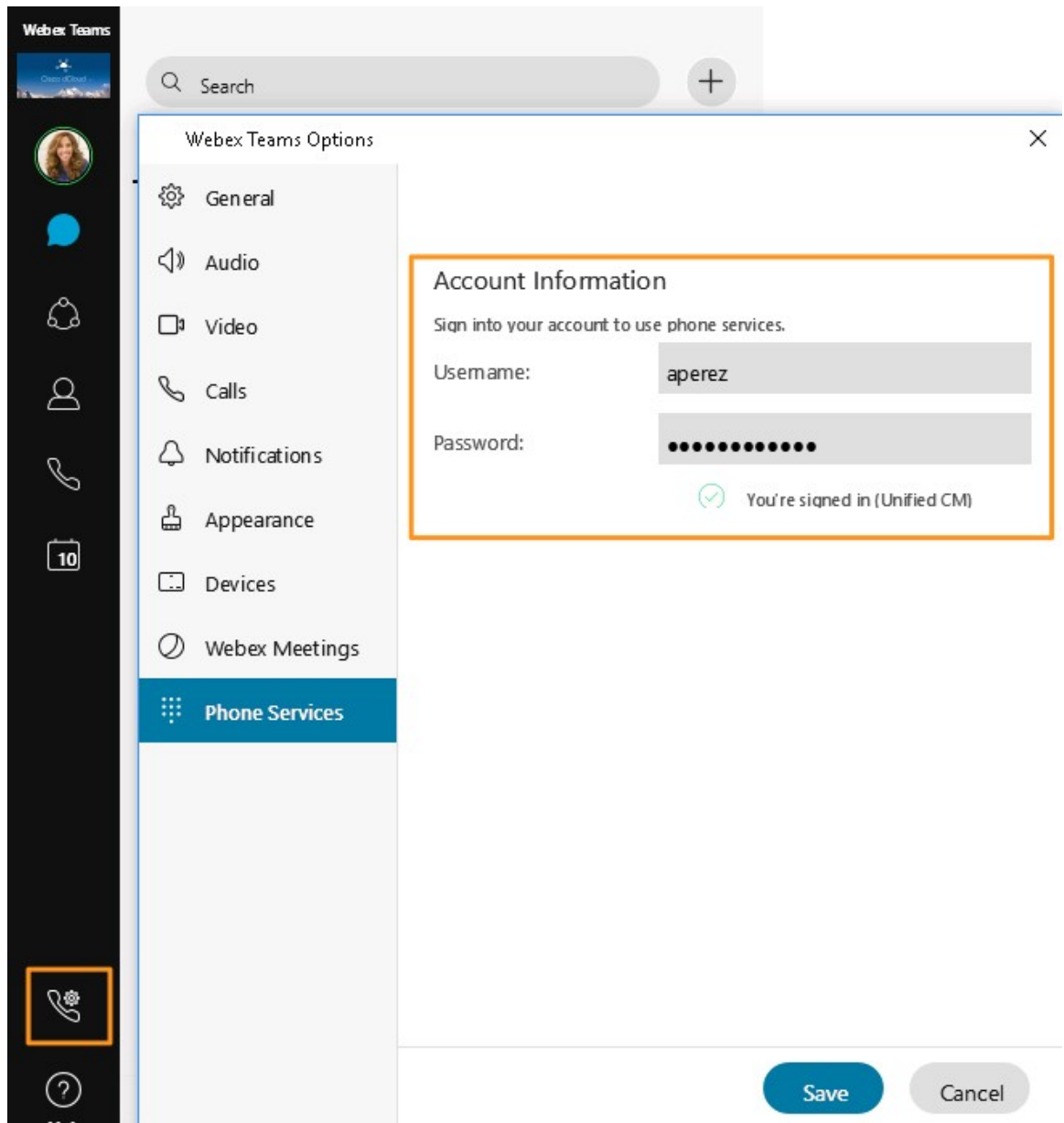
### Procedure

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- Step 1** We will log in to **Cisco Webex Control Hub** to set the Webex Calling mode to UCM. Open a new browser and click **Collaboration Admin Links > Cisco Webex Control Hub**. Log in with **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 2** In the left navigation, click **Settings**. Scroll down and in **Calling Behavior**, choose **Calling in Webex Teams (Unified CM)**.



- Step 3** Open **Cisco Webex Teams** desktop on **WKST2 (Anita)** and log in with **aperez@cbXXX.dc-YY.com** and **dCloud123!**
- Step 4** Exit out of Jabber if you are signed in.
- Step 5** Open Cisco Webex Teams desktop on **WKST4 (Charles)** and log in as **cholland@cbXXX.dc-YY.com** and **dCloud123!**
- Step 6** Exit out of Jabber if you are signed in.
- Step 7** In Webex Teams on both workstations, click the **Receiver icon** in the bottom-left corner. Enter the respective user credentials (**WKST2 aperez** and **dCloud12345!**) (**WKST4 cholland** and **dCloud12345!**) and click **Save**. Click **OK** in the pop up window regarding 911 services.

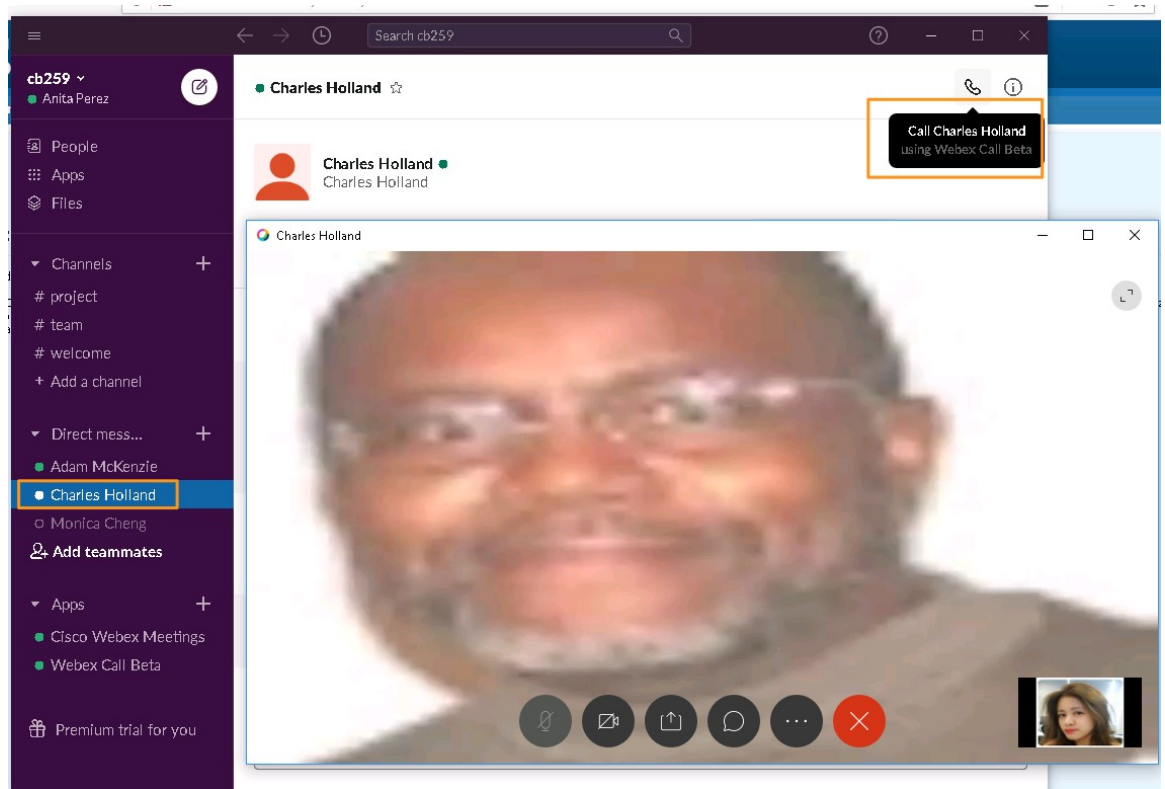


**Step 8** Minimize or close the **Webex Teams application** on both workstations.

**Step 9** On **WKST2 (Anita Perez)**, in the Slack chat conversation with Charles, hover over the **Receiver** icon in the top-right corner. It shows **Call Charles Holland using Cisco Webex Call**. Click the **Receiver icon** to place a call. (There will be a prompt to use/launch Webex Call. Add a check mark for **Always open links from webextel** and click **Open Link**.)

**Step 10** There will be app window to let you know Webex Teams will be used to place the call. Click **Yes**. This app can be disabled by the organization, but as we are using a trial account, we cannot make that change.

**Step 11** Answer the call on **WKST4 (Charles)**. A new pop up indicates it cannot find a microphone. This is expected behavior as we are using a virtual workstation. Click **OK** and the call will be established.

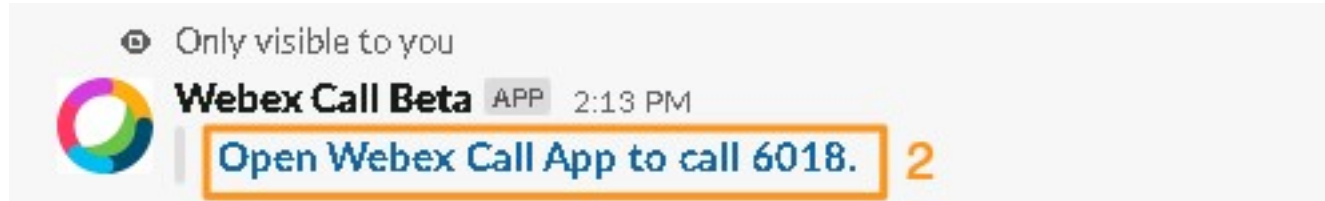


## Cisco Webex Calling Commands in Messaging Window

You can use commands in a direct message window in the Webex Calling app to call a user with their name or SIP URI, or enter the number Directory Number (such as an extension), or PSTN (such as a mobile).

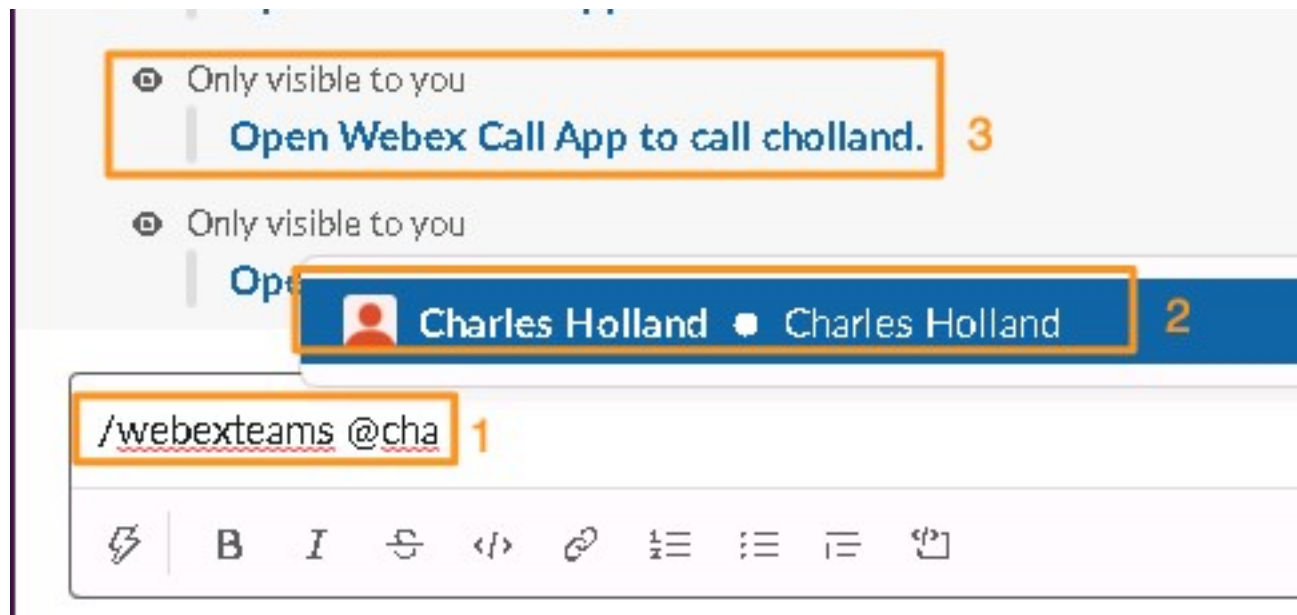
## Procedure

- Step 1** In Slack on **WKST2 (Anita)**, type **/webxteams 6018** in the Slack messaging window with Charles. Click **Send** to place a call to Charles. Click **Open Webex Call App to call**

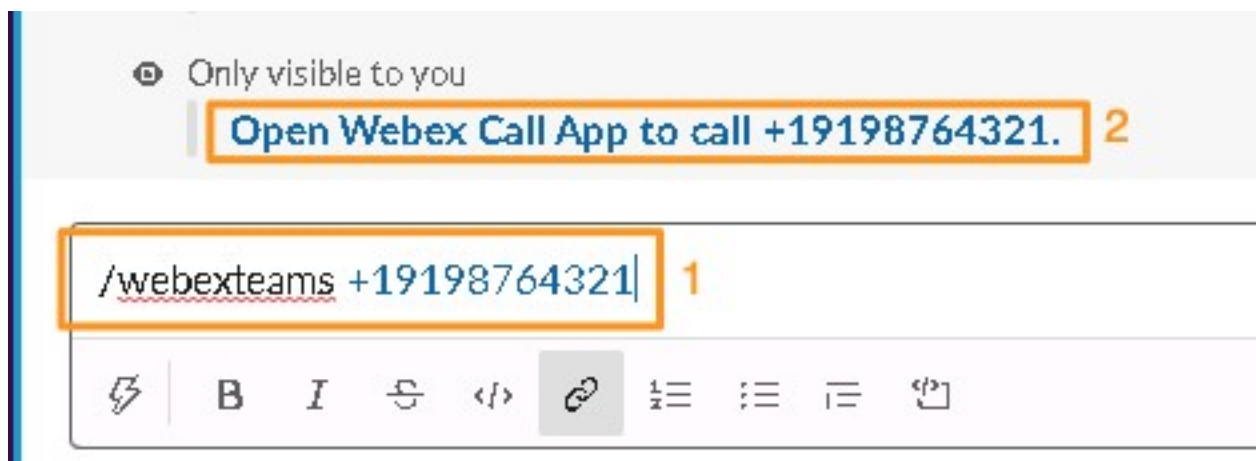


- Step 2** In the Messaging window with Charles, type **/webxteams** and add **@username**, like this: **@Charles Holland**. Note you can type any user's name in any chat window; it doesn't have to be the person in that messaging space.

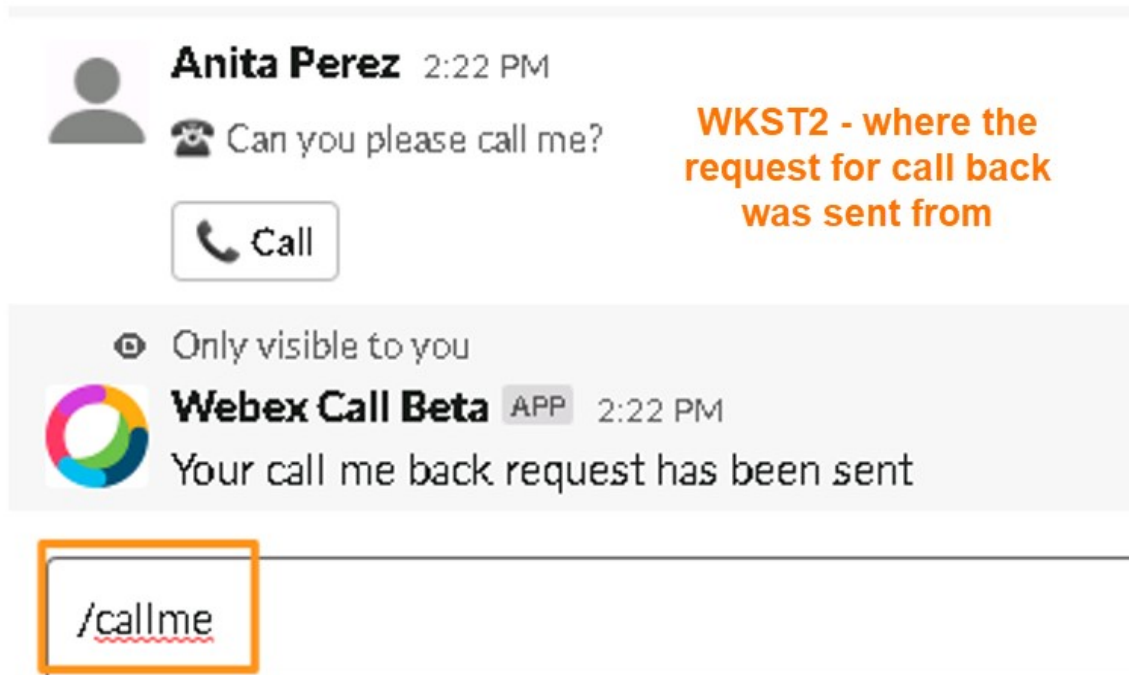
- Step 3** Click **Send**. Click **Open Webex Call App** to call **cholland**.



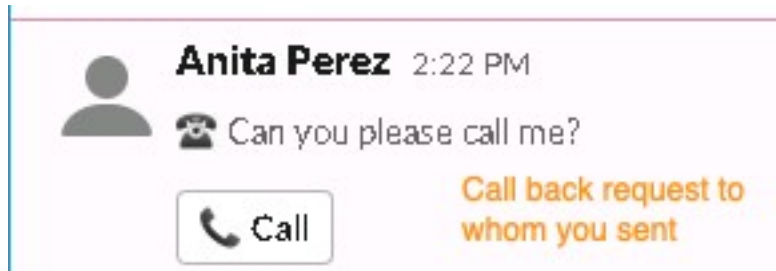
- Step 4** In the Messaging window with Charles, type **/webxteams** and for **PSTN** type it in the E.164 format (example: **+19198764321**). Click **Send** to call the PSTN number. Click **Open Webex Call App to call the number you entered**.



- Step 5** In the Messaging window with Charles, type `/callme` and click **Send**. It will send a call back request to Charles Holland to give you a call when he is available. This will be particularly useful when you know Charles is on a call at the moment but want to drop a note to call you back.



- Step 6** Charles will receive a message asking "Can you please call me?" with an easy Call icon to call from the message.



## Add Cisco Webex Meetings App to Slack

**IMPORTANT:** If you used the Global Demo Collab Bot to set up the Slack trial tenant, Cisco UC applications (Cisco Jabber, Cisco Webex Call, and Cisco Webex Meetings) are added automatically. Cisco Jabber is selected by default; you need to change it to **Cisco Webex Meetings** instead. If you used the set up bot, please skip steps 1-3 and begin following instructions in step 4. If you did not use the Global Demo Collab Bot, please follow all the instructions starting with step 1.

### Procedure

#### Step 1

Follow steps 1-3 if you did not use the Global Demo Collab Bot to set up the Slack trial tenant. On **WKST2 (Anita)**, click **More** and then **Apps** on left pane. Search for **Cisco Webex Meetings** and click **Add**.



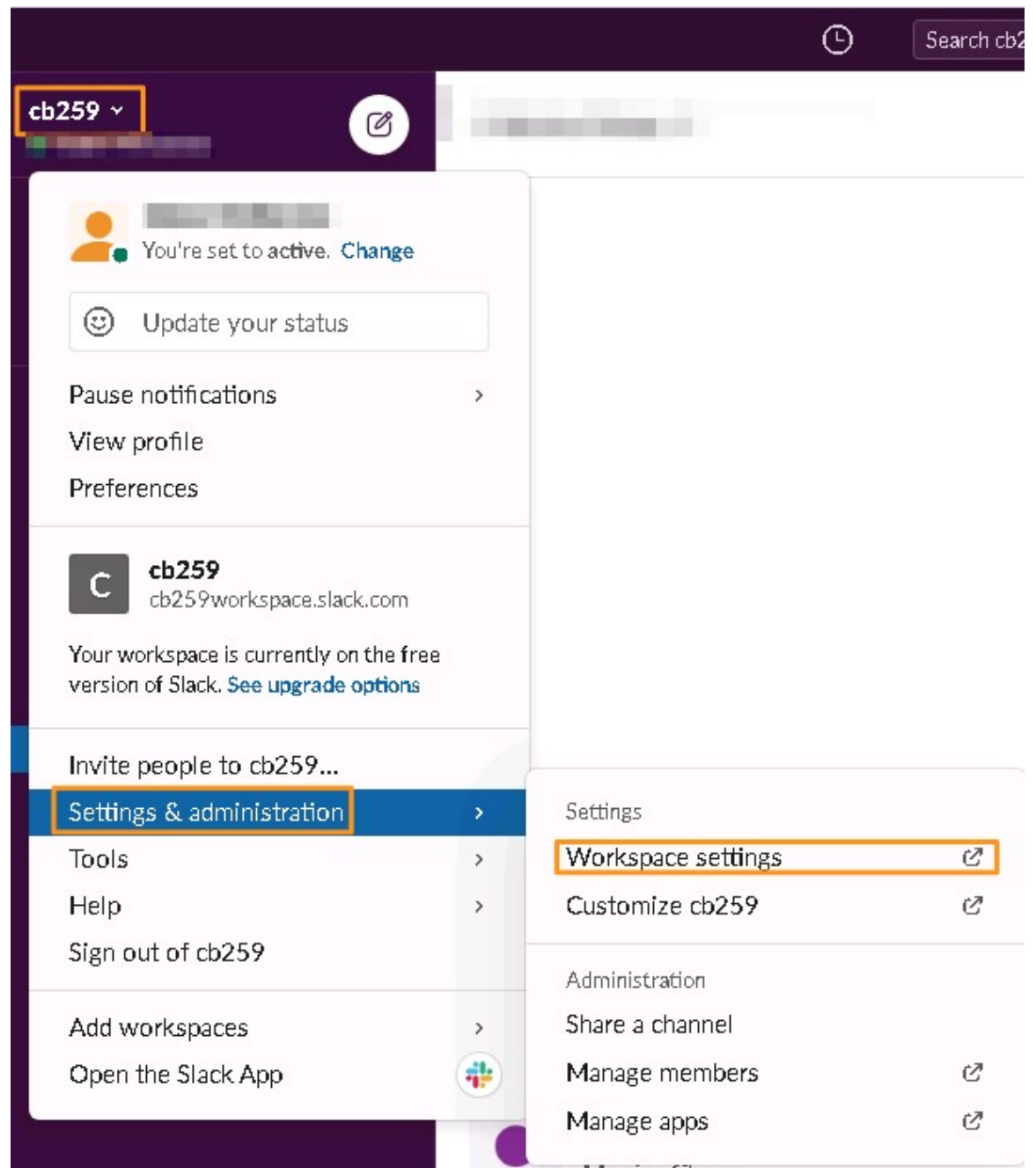
The screenshot shows the Slack interface. On the left, the sidebar is visible with the 'Apps' menu item highlighted in blue. The main content area shows a search bar with 'Cisco Webex' entered. Below the search bar, the search results are displayed. The 'Cisco Jabber' app is listed first, followed by the 'Cisco Webex Meetings' app, which is highlighted with an orange border. The 'Cisco Webex Meetings' app card includes the app icon, the name 'Cisco Webex Meetings', a description: 'Start, schedule or join Webex video meetings from Slack.', and an 'Add' button.

**Step 2** Click **Add to Slack**. You will see a list all permissions for the integration. Click **Allow**.

The screenshot shows the Slack App Directory page for the Cisco Webex Meetings app. The URL in the browser is `cb259workspace.slack.com/apps/A5P5FDK33-cisco-webex-meetings?utm_source=in-prod&utm_medium=inprod-btn`. The Slack logo and 'App Directory' text are visible at the top. A search bar is present. The main content area features a circular logo for the app, a green 'Add to Slack' button (highlighted with an orange border), and a white 'Learn More' button. Below the buttons is an 'App help' link. On the right, the app title 'Cisco Webex Meetings' is displayed, followed by tabs for 'App Info', 'Settings', and 'Security & Compliance'. The 'App Info' tab is active, showing a description: 'The Cisco Webex Meetings app helps you invite per scheduled meeting directly in Slack so people can jo message in a channel or in your conversation with ar by clicking the Join Meeting button from the messag meeting starts.' Below this, it states: 'Your administrator can also enable you to schedule V upcoming Webex meetings. From your meetings list, start or cancel meetings that you've scheduled. Whe Slack, everyone in the channel or conversation assoc notification with a Play recording button.' At the bottom of the visible text, it says: 'The Cisco Webex Meetings app also provides global'.

**Step 3** Once the app is added, it will see You've successfully added the Cisco Webex app to your team. Close the browser tab.

**Step 4** Return to the **Slack application**. Click the **Slack workspace name** (similar to the example cb259 in screenshot below) in the top left-corner. Select **Settings & administration > Workspace settings**.

**Step 5**

Scroll down to the **Calls** section. Deselect **Cisco Jabber** by removing the checkmark. Add a check mark for **Cisco Webex Meetings** and click **Save**. Close the browser tab.

**Calls**

Close

Choose how members make calls in Slack. You can use Slack itself or a [third-party calling app](#).

Allow video calls in Slack

Calling options:

Slack

Cisco Jabber

Cisco Webex Meetings

Save

**Note** With trial accounts, you can use only one application at a time. With paid accounts, you can use multiple apps at a time.

- Step 6** Still on **WKST2 (Anita)**, open the **Webex Meetings** application on the desktop. Log in with **aperez@cbXXX.dc-YY.com**.
- Step 7** Take a note of the **Webex site** that is listed to set the default Cisco Meeting website, you will need this soon. Select the meeting site that is listed (*cbXXXXY(a).webex.com*) and enter the password **dCloud12345!** to complete the log in process on both workstations.
- Step 8** On **WKST4 (Charles)**, open the Webex Meetings application on the desktop and log in with **cholland@cbXXX.dc-YY.com**.
- Step 9** Select the meeting site that is listed (*cbXXXXY(a).webex.com*) and enter the password **dCloud123!** to complete the log in process on both workstations.
- Step 10** On **WKST2 (Anita)**, go back to the Slack application and conversation window with Charles Holland. Hover over the **Receiver icon** and you will notice that now it lists Cisco Webex Meetings as your calling device.
- Step 11** On the conversation window, type the following command to set the default meeting website: **/webexconfig site cbXXXXY.webex.com**. Only Administrators can set up the default website.

**Note** The Cisco Webex Meetings app for Slack doesn't support accounts on **meetings.webex.com**, on **meetingsln.webex.com**, or on **Cisco Webex Meetings Server sites**.

**Note** The time zone and language the Webex app integrated in Slack uses is based on the Slack preferences and not the OS settings or your Webex site settings.

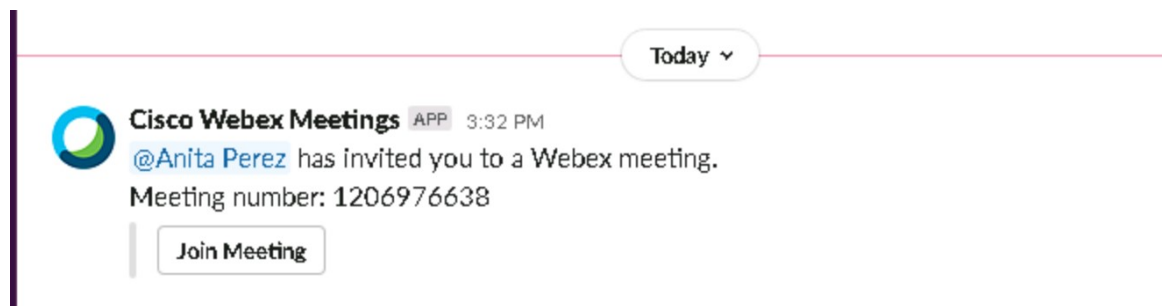
## Set Up, Schedule, Join Meetings Using Cisco Webex Meetings Integration for Slack

There are call couple of ways you can set up, schedule, and join meetings using the Cisco Webex Meetings Integration for Slack.

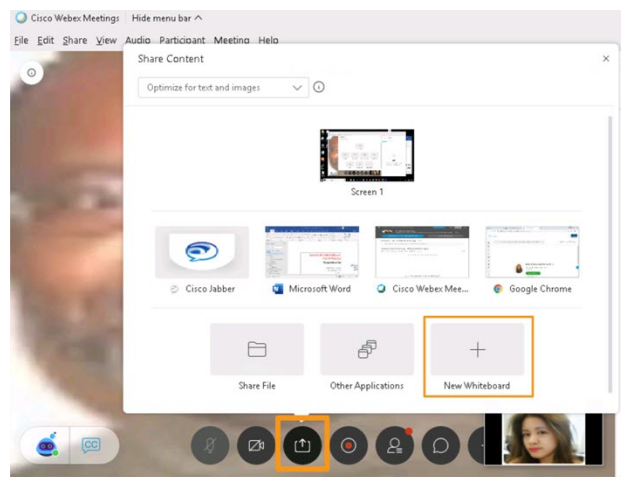
## Start 1:1 Person Ad Hoc Webex Meeting in Slack

### Procedure

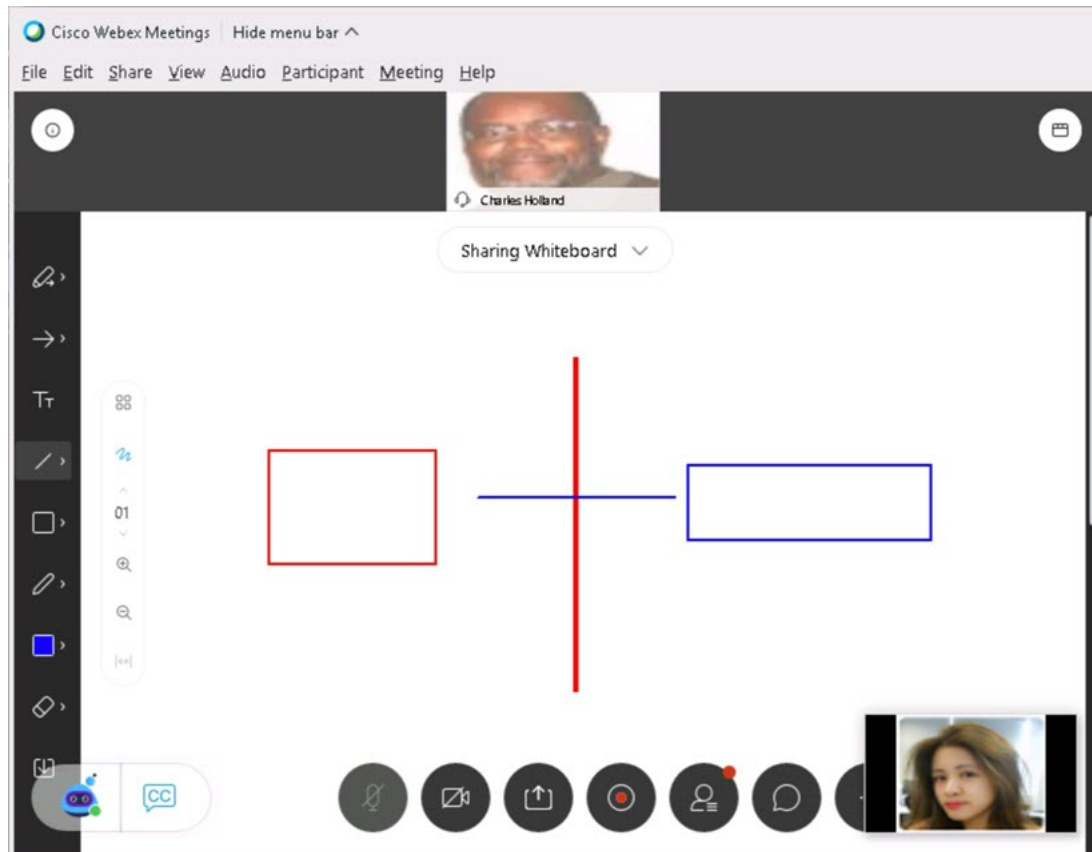
- Step 1** On **WKST2 (Anita)**, go to the conversation window with Charles Holland and click the **Receiver icon** in the top-right corner.
- Step 2** If prompted, click **Accept** to give your permission to use Cisco Webex Meetings for this call/meeting.
- Step 3** Click **Start Meeting**. You will join a meeting with Charles Holland. If you receive warnings, such as for an audio device, click OK or ignore.
- Step 4** On **WKST4 (Charles)**, go to the conversation window with Anita. You will see an invitation from Anita. Click **Join Meeting**. Ignore any warnings for an audio device.



- Step 5** In the meeting on **WKST2 (Anita)**, click the **Share Content** icon to start sharing and select **screen1**.
- Step 6** Open the **Product updates** Word document on the desktop. Go to **WKST4 (Charles)** and verify you can see the document being shared from WKST2.
- Step 7** Explore the other options, such as recording, annotate, or control remote desktop. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request to either Annotate or Control from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2). Stop screen sharing after exploring these options.
- Step 8** You can also start a new whiteboard and share it with others so that they can view/edit what you are writing/drawing. Click the **Share Content** icon and select **New Whiteboard**.



- Step 9** Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also you can save these whiteboard files to access later or share with others.
- Step 10** When done exploring the options, end the meeting on both workstations.



## Schedule a Webex Meeting in Slack with the /webex Command

Webex site administrators must link users' Webex accounts to their Slack accounts before users with a Slack account can schedule and view their upcoming Webex meetings in Slack.

Users will be able to join Webex Meetings from Slack without having to enter their Webex username and password.



**Note** IMPORTANT: The email addresses for the Webex and Slack accounts must match.

### Procedure

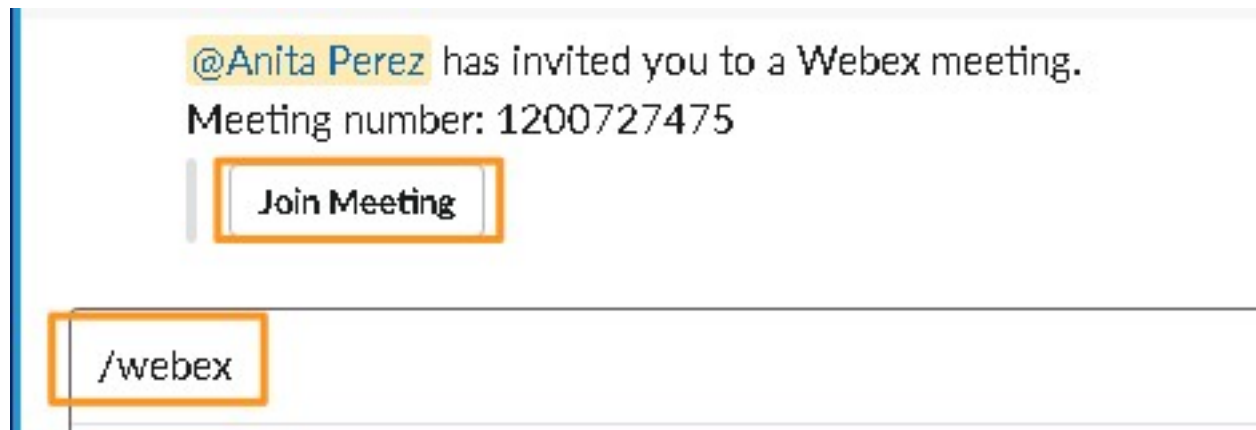
- Step 1** On **WKST2**, open a new Chrome browser. Go to **<https://admin.webex.com>** and log in with **cholland@cbXXX.dc-YY.com** and **dCloud123!**

**Step 2** Go to **Services**. Under **Meeting**, select **Sites**. Choose your site.

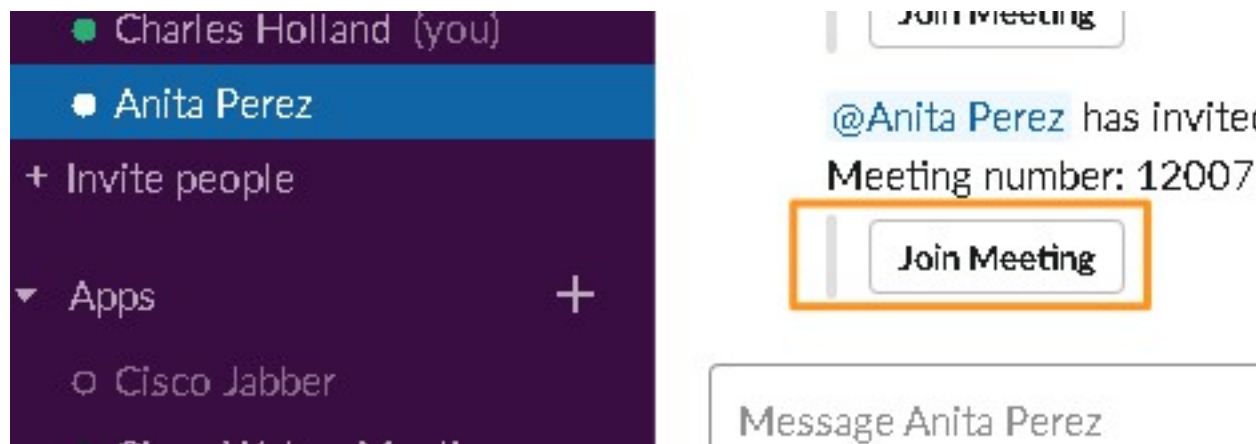
**Step 3** Scroll down a little and select **Configure Site**. Under **Common Settings**, select **Site Options**. Under **Third-Party Integration**, check **Enable Slack Integration**. Click **Update**.

**Note** Once you completed this step, Slack should immediately allow you to schedule a Webex meeting from Slack applications; however, sometimes it takes a few minutes. Allow 5 to 10 minutes before continuing with the steps below to schedule a Webex meeting from Slack.

**Step 4** On **WKST2 (Anita)**, go to the conversation window with Charles Holland and type **/webex** (schedules meeting now). A **Join Meeting** button will be shown for both Anita and Charles on their Slack client to easily join the meeting.



**Step 5** On **WKST4 (Charles)**, go to the conversation window with Anita. You will see a message from Anita saying you have been sent an invite for a meeting with Anita with a quick **Join Meeting** option.



**Step 6** Click **Join Meeting** on both workstations to join the meeting. Ignore any warnings for an audio device.

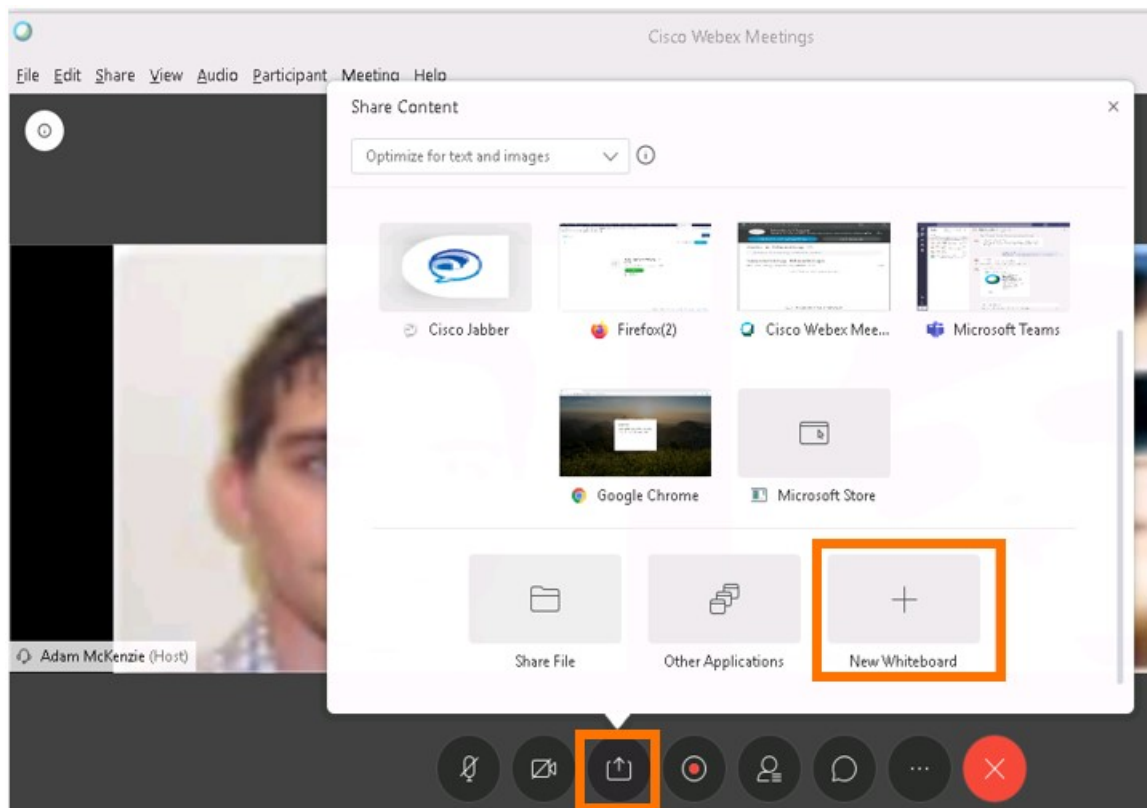
**Step 7** In the meeting on **WKST2 (Anita)**, click the **Share Content** icon to start sharing and select **Screen 1**.

**Step 8** Open the **Product updates** Word document on the desktop. Go to **WKST4 (Charles)** and verify you can see the document being shared from WKST2.

**Step 9** Explore the other options. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request either **Annotate** or **Control** from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2). Stop screen sharing after exploring these options.



- Step 10** You can also start a new whiteboard and share it with others so that they can view/edit what you are writing/drawing. Click the **Share Content** icon and select **New Whiteboard**.



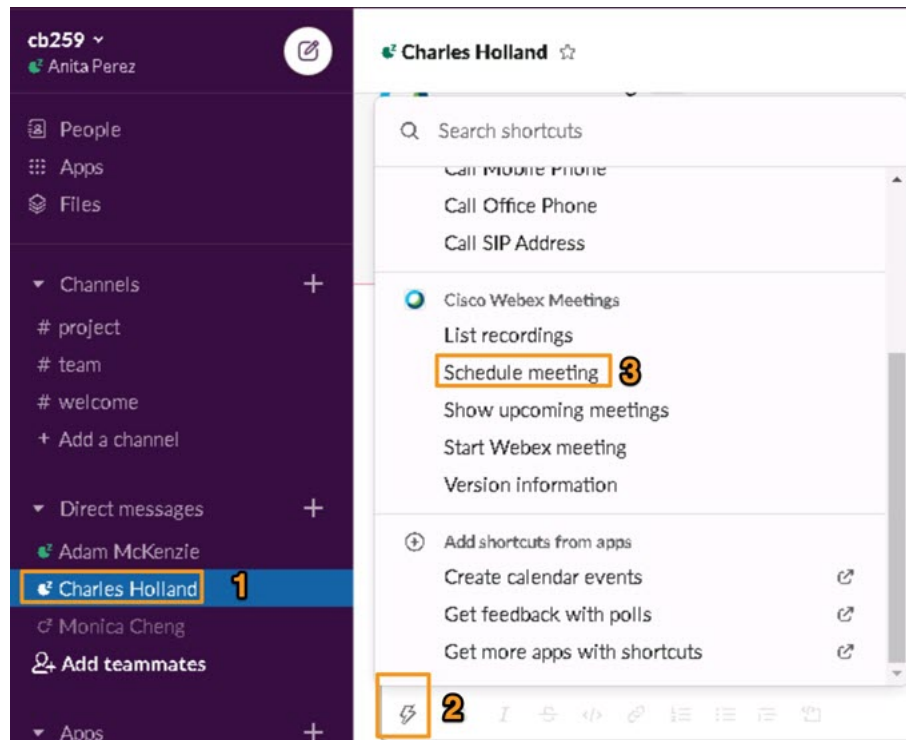
- Step 11** Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also, you can save these whiteboard files to access later or share with others.
- Step 12** Once you are done exploring options, end the meeting on both workstations.

## Schedule a Webex Meeting in Slack from the Short Cut Menu

### Procedure

- Step 1** On **WKST2 (Anita)**, go to the conversation window with Charles and click the **Shortcut icon** below the typing window.
- Step 2** On the Shortcut Commands window, click **Schedule meeting**. In the pop up, you are asked to specify who to schedule the meeting with, choose Charles Holland. Note that Charles Holland is selected by default; however, users can use the drop-down menu to choose any other user in their organization.

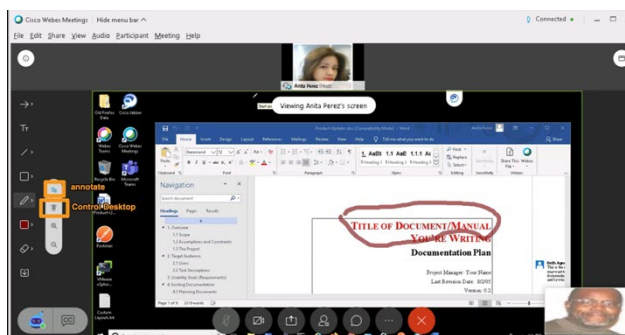




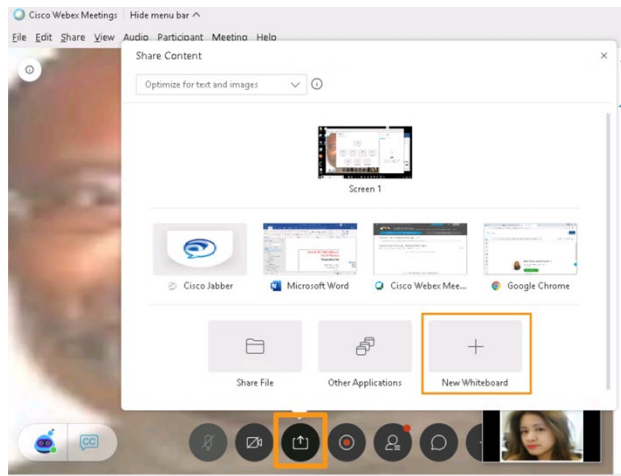
**Step 3** Click **Schedule**. The popup shows the details about scheduling the meeting. Select the **Date and time** of your choice. Optionally, you can also add more users/invites add other users/invitees to list and click **Schedule**.

**Note** Once you enable Slack Integration in Webex Control Hub, it might take some time. Please allow 5 to 10 minutes before you can schedule meetings.

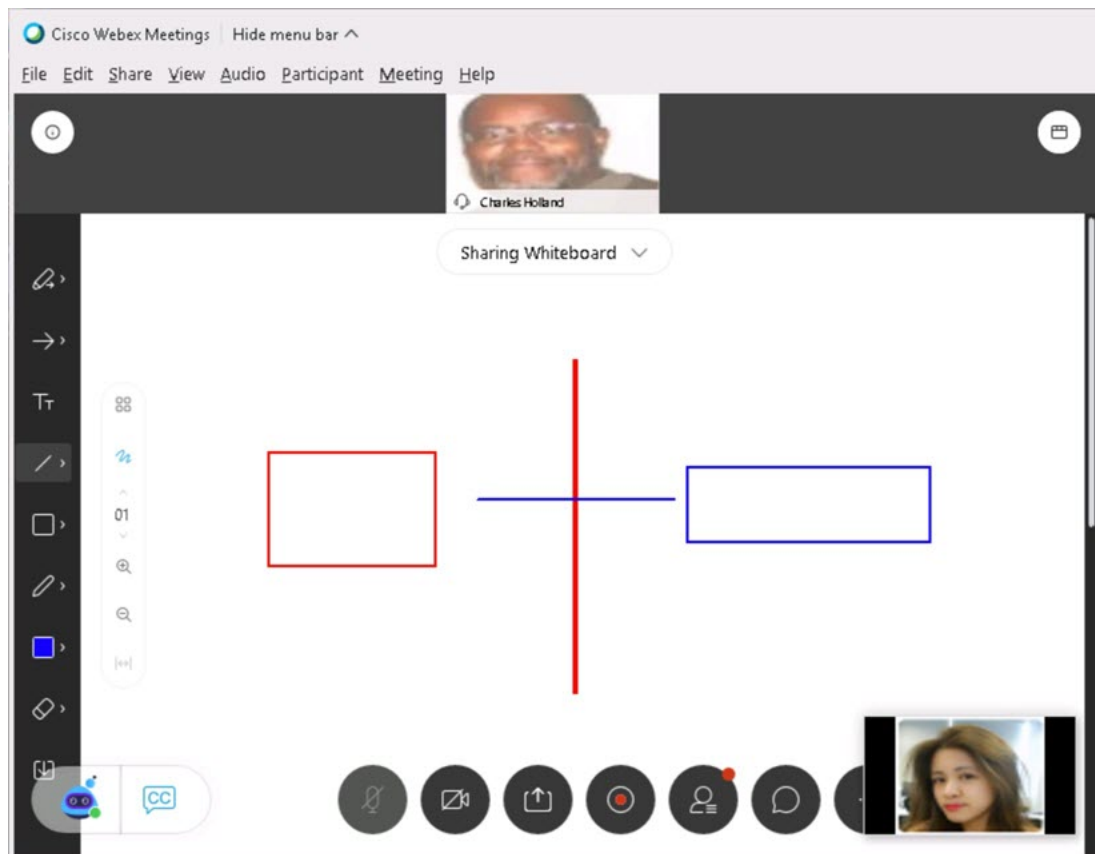
- Step 4** When the meeting is scheduled to start, click **Start Meeting** in the message displays in the conversation window on **WKST4 (Charles)**. Alternatively, you can start the meeting by clicking **Start** on Webex Meeting app.
- Step 5** On **WKST2 (Anita)**, click the **Share Content icon** to start sharing and select **Screen 1**.
- Step 6** Open the **Product Updates** Word document on the desktop. Go to **WKST4** and verify you can see the screen share and the document being shared from WKST2.
- Step 7** Explore the other options, such as recording, annotate, or control remote desktop. You can record the meeting from the host workstation or annotate a co-editing doc or even control a shared desktop. Note that when you request either Annotate or Control from WKST4 (Charles), it will send a permission request that should be accepted from the screen-sharing workstation (WKST2).



- Step 8** You can also start a new whiteboard and share it with others so they can view/edit what you are writing/drawing. Click the **Share Content icon** and select **New Whiteboard**.



**Step 9** Either of the users can start drawing/writing on the whiteboard and others can view/co-edit. Also you can save these whiteboard files to access later or share with others. When done exploring the options, end the meeting on both workstations.



**Note** There are a number of Cisco Webex Meetings app commands for Slack. Visit [https://help.webex.com/en-us/nsuguis/Schedule-Start-and-Join-Cisco-Webex-Meetings-in-Slack#id\\_11372](https://help.webex.com/en-us/nsuguis/Schedule-Start-and-Join-Cisco-Webex-Meetings-in-Slack#id_11372)





## CHAPTER 4

### What's Next?

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- Talk about it on the [dCloud Community](#).
- Check out all demonstrations and labs available to you on [dCloud](#).

