

Install the Cisco Webex Meetings Virtual Desktop Software

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Feature Toggle

Test the Virtual Desktop Infrastructure (VDI) Plugin

To test the VDI plugin for a few users, enable the native VDI feature by adding the following registry Key to their Hosted Virtual Desktops (HVD).

Key: Computer\HKEY_CURRENT_USER\Software\WebEx\NativeVDI

Value:

Name	Туре	Data
VDIFeatureEnabled	REG_DWORD	1 - Enabled, 0 - Disabled, others - Ignore

Guidelines for Webex VDI Optimized Meetings

Video Blur and Background support on Windows Thin Client

Video Blur and Background support on Windows Thin Client only supports the default video blur and background replacement, but doesn't support customized background image replacement.



System Requirements on Thin Client

- Windows 10 32-bit or 64-bit
- Intel Core i3, i5, or i7 4000 series or higher
- AMD Ryzen 5, 7, 9, or higher
- 4 GB of RAM or more
- 2GB or more of VRAM for dedicated GPUs



Note Using a virtual background increases the CPU usage of your computer and therefore may impact your battery life.

The system requirements leverages the native meeting client system requirements. The system requirements should be updated if the native meeting client system changes. For more information, see Use a Virtual Background in the Cisco Webex Meetings Suite.

Supported Version

From 41.3 (both thin client version and site version should be 41.3.0 or later).

Feature Toggle

VDI Background Feature support is OFF by default, and will be enabled only if:

- 1. Site admin native background toggle is ON.
- 2. Thin client is Windows OS 10.
- **3.** VDI Background Feature toggle is ON (on HVD, not thin client) as following. We added a temporary local toggle that user can enable or disable native VDI background registry. Add a key and value in your registry as following when you want to enable or disable VDI background feature.

Data Value: 1 - Enabled, 0 - Disabled, others - disable (by default it is disabled)

Key: Computer\HKEY CURRENT USER\Software\WebEx\NativeVDI

Table 1: Value

Name	Туре	Data
VDIBackgroundEnabled	REG_SZ	1

 IntnetPhone JoinMeetingOption IntnetPhone RecentlyCall Video Meetings Meetings_01 MZMPingList ProdTools RecorderPlayback SoundPreference T32_UMC Transcript 	> Framework	^ Name	Type	Dat
 JoinMeetingOption IntnetPhone RecentlyCall Video MeetingManager Meetings Meetings_01 MZMPingList OneClickMeeting ProdTools RecorderPlayback SoundPreference T32_UMC Transcript 	- IntnetPhone	ab) (Default)	REG SZ	(va
IntretPhone RecentlyCall Video Video MeetingManager REG_DWORD Meetings Recings_01 MZMPingList NativeVDI OneClickMeeting ProdTools RecorderPlayback SoundPreference T32_UMC Transcript	V JoinMeetingOption	ab VDIBackgroundEnabled	REG_SZ	1
TrueColorMode	RecentlyCall Video MeetingManager Meetings Meetings_01 MZMPingList OneClickMeeting ProdTools RecorderPlayback SoundPreference T32_UMC Transcript TrueColorMode UCF	VDIEnvironment VDIFeatureEnabled VDIPluginInstalled VDIStandbyPreference	REG_DWORD REG_DWORD REG_SZ REG_DWORD	0x0 0x0 1 0x0

Enable Cisco Webex Meetings for VDI

After you finish testing, you can use Site Administration or Control Hub to enable VDI site-wide.

We recommend that you wait until all VDI users on your site have the thin-client plugin installed. Because the Webex Meetings App looks for the plugin, enabling this toggle adds to the join time for meetings. This toggle doesn't affect non-VDI users or their join meeting times. If the feature toggle isn't on, Webex Meetings App doesn't look for the thin client, and the media continues to route through your datacenter. **Step 1** Sign in to Site Administration or Control Hub and go to **Configuration** > **Common Site Settings** > **Options**.

Step 2 In the **Site Options** section, check **Enable meeting client for VDI**.

Site Information	
-	Site Options
Configuration	Display banner ad in My Webex
Common Site Settings	Allow hosts to upload a personal avatar
Webex Meetings	Allow users to use virtual background
Webex Events >	Allow users to add a custom background
Webex Support >	Display user avatars in the meeting client (Meetings)
Webex Training >	 Supply over events in the meeting sheric (meetings)
Remote Access >	Enable meeting client for VDI
Access Anywhere >	Hide the Download link for guest users

The option is unchecked by default. If you don't see the option in Site Administration or Control Hub, contact Cisco to have the feature toggle turned on.

Installation Workflow

Use this procedure to install the Cisco Webex Meetings Virtual Desktop Software components.

Before you begin

Set up and test the Citrix or VMware connection between the thin clients and the hosted virtual desktops (HVD).

For more information about installation and configuration, see the documentation for your Citrix or VMware solution.

Step 1 On the thin clients, install the Cisco Webex Meetings Virtual Desktop Plugin.

The Cisco Webex Meetings Virtual Desktop Plugin is available for the following operating systems:

- Install the Cisco Webex Meetings Virtual Desktop Plugin on the Thin Clients-Microsoft Windows
- Install the Webex Meetings Virtual Desktop Plugin on the Thin Clients-Ubuntu
- Install the Webex Meetings Virtual Desktop Plugin on the Thin Clients-Unicon eLux

Follow the installation procedure for your thin client OS.

- Attention The Cisco Webex Meetings Virtual Desktop Plugin comes preinstalled for supported iGel, HP ThinPro, & Dell Wyse Thin OS versions.
- **Step 2** On the HVDs, Install the Webex Meetings App on the Hosted Virtual Desktops, on page 20.

Install the Cisco Webex Meetings Virtual Desktop Plugin on the Thin Clients—Microsoft Windows

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Important Always install the plugin after you install or update your Citrix or VMware solution.

Before you begin

Install your Citrix or VMware software.

Step 1 Download the Cisco Webex Meetings Virtual Desktop Plugin for Windows.

a) Download webexvdi.msi from https://<sitename>.webex.com/webappng/sites/<sitename>/dashboard/download Replace <sitename> with your company name.

cisco Webex	\mathbb{Q}_{r} Join a meeting or search for a meeting, recording, or transcript $$\mathbb{Q}$$	English Classic View Alson 🤟
 (∩) Home ○ Meetings ⊙ Recordings ⊙ Preferences ad Insights 	Cisco Webex Meetings Virtual Desktop Software	
⊙ Support ★ Downloads ○ Feedback	Install the Webex Meetings app on the hosted virtual desktop Download the Caso Villeex Meetings desktop app and install it on the hosted virtual de infraetruture (VDI) server. Download Caso Videox Meetings desktop app Negoonal platform Named shart desktop - Nicolas 8/19 opening system Virtualization safetime - Ordex Meetings version 7.15 or inter. Cells Kerkaps is not septomed - Viteox server version 7.8, 2.7, 2.8, 7.8, 7.6, 7.11	sktop on a virtual desktop
Vision Training Vision Events Visions Report	Install the plug-in on all thin client computers Download the Cisco Weber Meetings virtual desktop plug-in on each of the thin clients. Installation assistance. • Windows 10 st86 or x64 Download • Unice Upunts at4 Countsat • Unice Upuntsat Supported platforms	Consult with your IT administrator for

b) After you download the plugin, install it by double-clicking the webexvdi.msi file, or run the command as an administrator.



Step 2 Click Next.



Step 3 Review and accept the license agreement.

License Agreement		
Please read the following license ag	greement carefully.	(1)11) CISCO
CISCO WEBEX LLC LICENSE AG PARTICULAR DOWNLOAD)	REEMENT (AS APPLICABLE TO THE	E
license agreement ("License Agreeme or an entity) and Cisco Webex LLC (ent") is a legal agreement between you (eit "Webex") for the use of Webex software y	her an individual you may be
 I accept the terms in the license agr I do not accept the terms in the license agr 	e certain Webex services (such software, t ilable to you, the "Software"). By clicking installing the Software or by otherwise usi f this License Agreement. IF YOU DO N GREEMENT, CLICK ON THE BUTTO CCEPT" LANGUAGE AND DO NOT IN CREET THAT YOUR USE O	together with the on the button ing the Software, IOT AGREE TO N NSTALL OR

Step 4 Click Install.

🚽 Cisco Webex Meetings Virtual [Desktop Plug-in - InstallShield Wizard	>
Ready to Install the Program		
The wizard is ready to begin instal	lation.	cisco
Click Install to begin the installation	1.	
If you want to review or change an the wizard.	ny of your installation settings, click Back. Click Car	ncel to exit
	\frown	
ıstallShield		

Step 5 Click **Yes** on the pop-up dialog box to permit the installation.



Step 6 Click **Finish** to complete the plugin installation.



Install the Webex Meetings Virtual Desktop Plugin on the Thin Clients—Ubuntu

Step 1 Download the Cisco Webex Meetings Virtual Desktop Plugin for Ubuntu.
https://<sitename>.webex.com/webappng/sites/<sitename>/dashboard/download
Replace <sitename> with your company name.

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Step 2 Select the Ubuntu installer and download the file.

Depending on your browser settings, the file downloads to the Downloads folder or to the folder of your choice.

- **Step 3** From the **Downloads** folder, extract the .zip file.
- **Step 4** Double-click the .deb file and then click **Install** to proceed with the installation.

Activities	😫 Ubuntu Software 💌		Fri 1:35 PM			
	<	cisco-webex-meetings-vdi	•••		_	
	a	isco-webex-meetings-vdi			II I	Modified •
	v		Ninto-40.6.0	.892.ubuntu.zip		
	Install		XEWER6 GU	ZXJSEdyb3Vwl	1.7 k8	Sun
			2EwERD GU	ZXJSEdyb3Vwl	1.7 kB	Sun
	Cisco Webex N virtualized env	Reetings VDI extends the Cisco Webex collaboration experience to irronments by facilitating real-time voice and video	20w/ERb GL	ZXJSEdyb3Vwl	1.7 k8	Sun
	© Copyright 20	220, Cisco and/or its affiliates. All rights reserved.	30w/CRIbGD	2XJSEdyb3Vwl	1.7 kB	Sun
	Website	•	Rwitzibol	ZXJSEdyb3Vwt	1.7 k8	Sat
2	Detalle		Her up un pur	10.6.0.892.000mtu.21g	A. I	(71.3 MB)
	Decails					
	Updated	Never	bex-li	nux-		
_	License	Proprietary				Sec.
	Source Download Size	webex_vdi_x20_64.deb 0 bytes				
9						
\odot						1.
6,						
0						
-						
						1
						No.

Step 5 Enter you user name and password and click **Authenticate**.

୍ଦ	Authentication Re Authentication is requised	quired ired to install untrusted
	eisco Password:	
	Cancel	Authenticate

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Activiti	ities 🙎 Ubuntu Software 🕶 Fri 1:36 PM		
	Cisco-webex-meetings-vid is now installed Application is ready to be used.		_
(clsco-webex-meetings-vdl Clsco Webex Meetings VDl	Size Modi	ied 🕶
		suntu-40.6.0.892 ubuntu zip	
R	Remove	DEwrERIbCI2ZXUSIEdyb3Vwl 1.7 kB	Sun
		2EwIERIbGI22XUSIEdyb3Vwl 1.7 kB	Sun
	Cisco Webex Meetings VOI extends the Cisco Webex collaboration experience to virtualized environments by facilitating real-time voice and video traffic processing on the local devices.	DEWERBGIZZKUSIEdyb3Vwl 1.7 kB	Sun
	© Copyright 2020, Cisco and/or its affiliates. All rights reserved.	2EwtERIbGI2ZKJSIEdyb3YvM 1.7 kB	Sun
	Weblite	Index of /cires: × + 000	Sat MB)
2	Details		
2	Version 40.6.0.892	bex-linux-	
	License Proprietary		
	Source webex_vdi_vd0_64.deb		
9			
0			
6			
-7			

After the system reboots, the newly-installed upgrade is ready to use.

Install the Webex Meetings Virtual Desktop Plugin on the Thin Clients—Unicon eLux

The follow procedure requires familiarity with Scout ELIAS. For more information about how to use Scout ELIAS, see the documentation available from Unicon eLux.

Step 1 Download the Cisco Webex Meetings Virtual Desktop Plugin for eLux.

a. https://<sitename>.webex.com/webappng/sites/<sitename>/dashboard/download Replace <sitename> with your company name.



b. Unzip the package to extract the file.

View

web	exvdi packages > webex-linux-installer.ubuntu-40.7.0.1019.ubuntu > bin >	package	~ Ö	Search package
^	Name	Date modified	Туре	Size
	cisco_webex_meetigs-40.7.0-1019.UC_RP6_X64-1.0.epm	5/29/2020 3:19 PM	EPM File	2 KB
	cisco_webex_meetigs-40.7.0-1019.UC_RP6_X64-1.0.epm.sig	5/29/2020 3:19 PM	SIG File	3 KB
	cisco_webex_vdi-40.7.0-1019.UC_RP6_X64-1.0.fpm	5/29/2020 3:19 PM	FPM File	40,435 KB
	cisco_webex_vdi-40.7.0-1019.UC_RP6_X64-1.0.fpm.sig	5/29/2020 3:19 PM	SIG File	3 KB
	Th			

- **Step 2** Import this package through Scout ELIAS.
 - **a.** Select the eLux file from Devices.
 - **b.** Edit the .idf file.

Share

📲 ScoutBuiltIn\Administrator@Microsoft SQL LocalDB - Scout Enterprise Console				
File Edit View Options Security Help				
1 1 1 🖷 🔁 🛪 📾 🐵 🔎				
🗟 🚰 Lost & Found 📃 \land	Properties			
🗇 🛄 CN-Hangzhou	-3			
Applications	General			
B-S Devices	Name	eLux-tony-HP630		
eLux6861-8012-1980	Configuration transfer	Activated		
	Configuration	Device eLux-tony-HP630		
eLux-bowen	Manager	10.140.218.51		
eLux-copeng	Organization unit	CN-Hangzhou/HZ-Tony		
etux-fiano-HP530	OS version	6.5.2000-2		
eLux-mia-HP630	Container	UC_RP6_X64		
eLux-Parker	Last Contact	2020-06-02 15:20:31		
eLux-xinhao-HP730	Status	Switched on		
	🖯 Update			
eLux-yangliu-HP630	Update time	2020-06-02 15:18:16		
E-1 HZ-Tony	Update state	Update successful		
Applications	Undate size	38.89 MB		
Devices	Image	minElux.idf		
	S Devices			
ELux-tony-HP630	IP address	10.140.218.28		
CN-Heler	Delivery			
~pplications	Delivery time	Not available		
alumiaramu-HP630	Delivery state	Not available		
etux-jeremy-HP730	Delivery size	Not available		
s 🛅 USA	Properties Asset	1. A.A.		

c. From the Container select **Import Packages** and add the Cisco Webex VDI File from the Available Package to the Defined Packages column.





Note The name of the package must match the name in the local data base.

Step 3 To select the name of the package click the dots... near Configuration.

5	ScoutBuiltin\Administrator@Microsoft SQL LocalD8 - Scout Enterprise Console	- 0
File Edit View Options Security Help		
H Applications	Properties	
🛞 🎑 Lost & Found	3	
😑 🛄 Enterprise	8 General	
Applications	Name eLux7875-6758-9775 T630	
et.us2971-8760-0579-6530	Configuration transfer Locked (No license)	
eLux4084-8532-6401-WME	Configuration Device eLus/8/75-8758-9775 7630	
- eLux7790-8954-9639-tarun	Manager 10.22.137.213	
et.ux7875-8758-9775 7630	Organization unit Enterprise	
eLax8906-8749-5741-1730	Indo1	
	larfa2	
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	Creation asis anti-1(-20) (011(-3))	
	05 weeken 6.52005.2	
	Container UC RF4 X54	
	Last Contact 2020-01-21 16:23:04	
	Note	
	H Update	
	Image image-china.ldf	
e	Update time 2020-03-23 16/23-08	
	Update state Update successful	
	🗄 Network	
	Primary MAC address 7CD0ALCE736 @ address 10.22.142.158	
	Properties Acort	
OU devices/applications	N	
a	7	
Name / Primary IP addr Image Confi	g. Config. Manager Organiz. Update. Update. Serial n., Type Main m., Plash m., CPU BIOS Supplier Device t., Creatio.	
eLux297 7CD30 10.22.1 image Locks	ed. Device	
eLux408 7CD30 10.22.1 image Locks	ed. Dexice 10.22.1., Enterpr., 2020-0., Update., MOLOO., 8103 8192.M8 PSSBN., 2064.M., L43.v01., HP HP 173., 2020-0.,	
eLux779 7CD30 10.22.1 image Locks	ed. Device_ 10.221.1_Enterpr 2020-0 Update M00,54 8103 8192 MB PSSBN 2195 ML_ L43 v01 HP HP 173 2020-0	
eLus787 7CD30 10.22.1 image Locks	ed. Device 10.22.1. Enterpr 2020-0 Update MDL84 8158 8192.M8 PSSR4 1596.M., MA0.v0., HP HP 453 2019-1	
eLux890 7CD30 10.22.1 image Locks	ed., Denice., 10.22.1., Enterge., 2020-0., Update., M01.90., 8103 8192 M8 PSSR4, 1397 M., L43 v01., HP HP 873, 2019-1.,	
Brady	A Descento - A B Annale Alexander	

Step 4 Select the **Firmware** tab and from the drop-down option select the **Image file**.

Protocol	HTTP	*	Praxy type	None	v
Server	10.22.137.213				
User			Password		
Path	eluxng/UC_RP6_X64	~	lmage file	mage-china.idf	Y
Check for u	update on start nust confirm update			image-china2.idf image-chrome.idf image-firefox.idf image-wme.idf image-wme.idf	df
Check for a	update on shutdown			New-Image-1 New-Image-1.idf recovery.idf	

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You can configure your device by going to the **Network**, **Security**, **Screen**, **Hardware**, **Power Management**, and **Multimedia** tabs.

Important The system restarts multiple times during this process. Ensure that you set the Network settings to Never Change.

Step 5 Select the eLux Device and click **Commands** > **Update Info** to send the firmware update through the Scout Console.





	Update	~
_ Inform use	r for	0 sec.
Format sve	ancel command tem partition before update	
• Nov		
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Chery	1	A 11:44
	2 3	
	4	-

Install the Webex Meetings App on the Hosted Virtual Desktops

- **Step 1** Log in to the hosted virtual desktop (HVD).
- **Step 2** Download the Cisco Webex Meetings desktop app from your company website.
- **Step 3** Double-click the .msi file and follow the prompts to install the Meetings desktop app on the HVD.
- **Step 4** In the Personal Room, select the down arrow on the right side of the **Start Meeting** or **Join Meeting** button.
- **Step 5** Select **Always start from desktop app** to open the meeting in the virtual desktop app.



Step 6 Select **Start meeting** or **Join meeting** to join in meeting.



What to do next

Start a meeting and check the title bar; for a VDI meeting, the title bar says Cisco Webex Meetings -VDI.



Note

The Preview banner is solid white when you join using VDI. During the meeting, the action bar is fixed and not transparent, and it overlaps the video area.