Configure Blur Background like Webex Meeting on Cisco Meeting WebApp Calls

Contents

Introduction

This document describes how to enable blur or virtual background on Cisco WebApp calls.

Prerequisites

Requirements

Cisco recommends that you have knowledge of Cisco Meeting Server (CMS) and API programming.

Components Used

The information in this document is based on CMS Version 3.6 and onwards.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

WebApp participants can now blur their backgrounds in WebApp meetings. When you blur the background, it makes the background appear hazy and hides the details behind the users. Users can blur their background only after they have joined the meeting and not on the preview page. A new option Blur is included in the WebApp in the camera settings.

> **Note**: It is recommended to disable HD when background blur is enabled. There can be audio and video sync issues if HD is enabled with background blur. Background blur works best with systems that have a Graphic Processing Unit (GPU).

This is the minimum system configuration required to use the Background blur feature:

For Windows systems: Memory - 16 GB and CPU - 1.60 GHz
For Mac systems: Memory - 16 GB and CPU - 2.30 GHz

Configure

API parameter **backgroundBlurAllowed** is introduced to enable or disable background blur at the call level. It is supported by these methods:

Blur your background

A New API parameter **backgroundBlurAllowed** is introduced to enable or disable background blur at the call level. It is supported on the following methods:

- POST to `/callProfiles`
- GET on `/callProfiles/<call profile id>`
- PUT to `/callProfiles/<call profile id>`
- POST to `/calls`
- GET on `/calls/<call id>`
- PUT to `/calls/<call id`

Parameter	Type/Value	Description
backgroundBlurAllowed	true/false	- true – Indicates that background blur is allowed in the call. - false – Indicates that background blur is not allowed in the call. The usual rules for the hierarchy of calls and call profiles apply to this parameter. If unset at all levels of the hierarchy, it defaults to false

Test scenario:

1. Assign a callProfile which has **backgroundBlurAllowed** enabled on a test Space.
2. Test WebApp call to test space.

Step 1. Create a callProfile and enable parameter **backgroundBlurAllowed** to **true** as shown in the image.

/api/v1/callProfiles/06f0dba4-eb00-47a1-890e-8692528d7dd2

participantLimit	☐	
locked	☐	`<unset>` ▾
recordingMode	☐	`<unset>` ▾
streamingMode	☐	`<unset>` ▾
passcodeMode	☐	`<unset>` ▾
passcodeTimeout	☐	
gatewayAudioCallOptimization	☐	`<unset>` ▾
lyncConferenceMode	☐	`<unset>` ▾
lockMode	☐	`<unset>` ▾
sipRecorderUri	☐	
sipStreamerUri	☐	
muteBehavior	☐	`<unset>` ▾
messageBannerText	☐	
chatAllowed	☐	`<unset>` ▾
raiseHandEnabled	☐	`<unset>` ▾
notesAllowed	☐	`<unset>` ▾
captionsAllowed	☐	`<unset>` ▾
backgroundBlurAllowed	☐	true ▾ - **present**
fileReceiveAllowed	☐	`<unset>` ▾
logoFileName	☐	
logoPosition	☐	`<unset>` ▾
logoRetain	☐	`<unset>` ▾
	Modify	

Assign the CallProfile to a CoSpace as shown in the image.

/api/v1/coSpaces/6043cde1-f9f4-4251-9b8a-51e8872f9540

|		
userProvisionedCoSpace	☐	
name	☐	11111
uri	☐	11111
secondaryUri	☐	
callId	☐	11111
cdrTag	☐	
passcode	☐	
defaultLayout	☐	<unset>
tenant	☐	
callLegProfile	☐	
callProfile	☐	06f0dba4-eb00-47a1-890e-8692528d7dd2
callBrandingProfile	☐	
dialInSecurityProfile	☐	
defaultAccessMethod	☐	
requireCallId	☐	<unset>
secret	☐	_JqaEtUpTJJ1JZ.39oAbkQ
regenerateSecret	☐	<unset>
nonMemberAccess	☐	<unset>
ownerJid	☐	
streamUrl	☐	
ownerAdGuid	☐	
meetingScheduler	☐	
panePlacementHighestImportance	☐	
panePlacementSelfPaneMode	☐	<unset>
panePlacementActiveSpeakerMode	☐	<unset>

Modify

Verify

Use this section in order to confirm that your configuration works properly.

Test a WebApp call with blur background or imaged background.

Step 1. Make a test call from the WebApp client into space where the callProfile with **backgroundBlurAllowed** is enabled. Click on the **gear** icon as shown in the image.
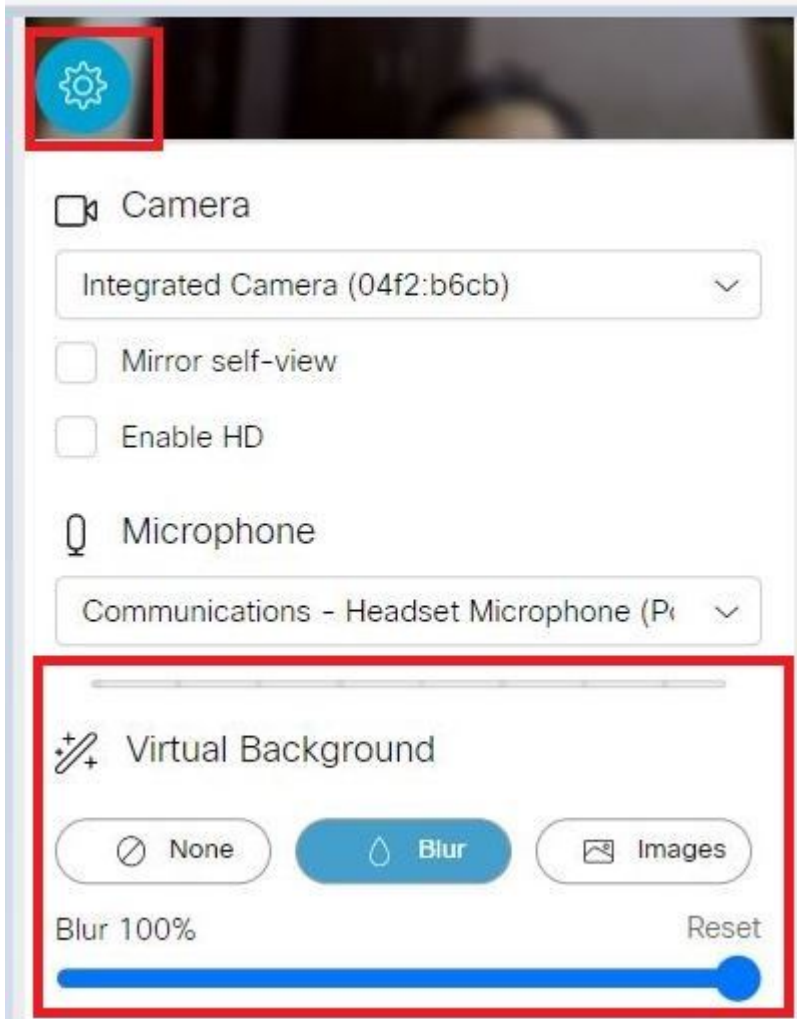
Step 2. You can choose either to Blur the background or you can select from the available background images as shown in the image.
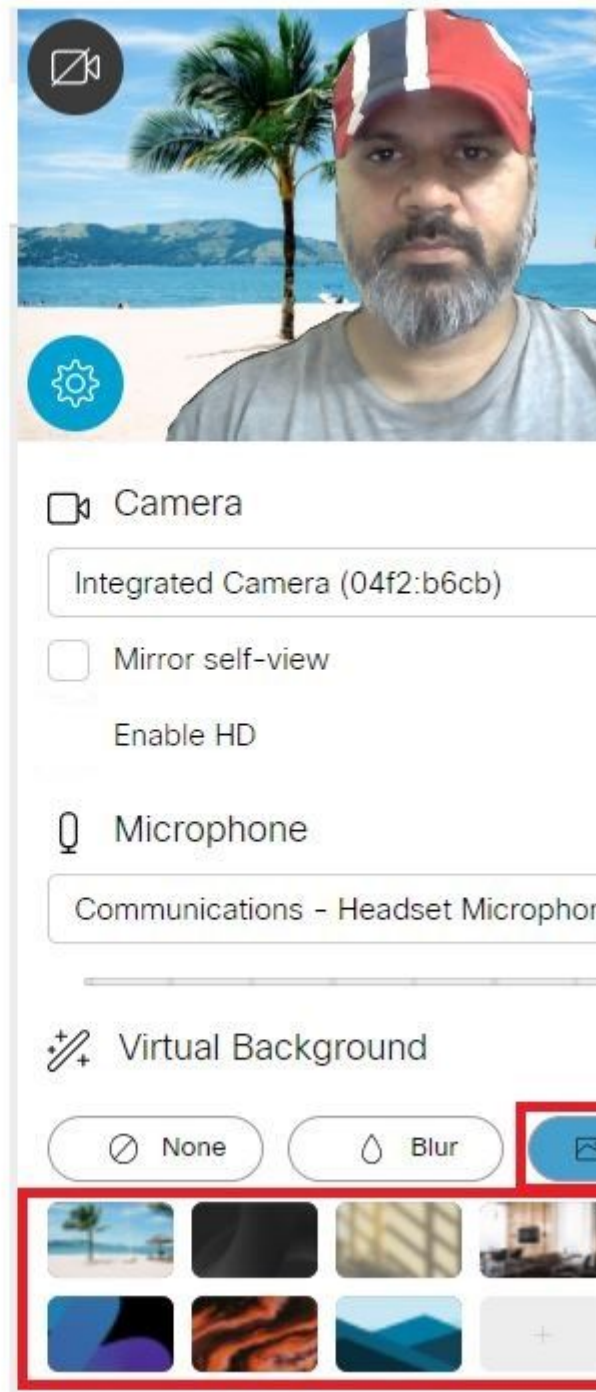
Troubleshoot

There is currently no specific troubleshooting information available for this configuration.