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XML API 6.0 & SP1 for WebEx11 and T27

Release Notes

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Summary

XML API 6.0 is a major release to support WebEx11 and new functionality for T27LDFR29. XML API 6.0SP1 provides fixes for bugs discovered in 6.0.

Feature Changes

#15179 - WebEx11 Meeting Management

Affected APIs:

Create/Set/Get/DelMeeting, DelSession

WebEx11 adds new functionality from T27 and removes some rarely used functionality. The following table summarizes the differences between the two versions.

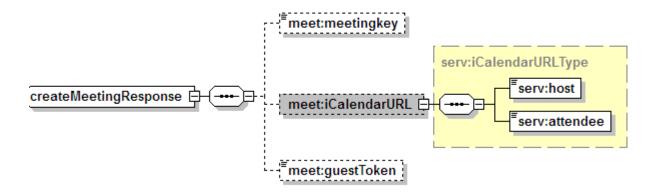
Functionality	T27	WebEx11
Meeting	Supported	Unsupported
registration		
Reminder Email	Reminder emails can	Reminder emails can be manually
	be automatically	sent by the host when meeting is in
	sent. This is	session.
	configured when	
	scheduling/editing	
	meetings.	
Pay Per Use	Supported	Unsupported
Meeting location	Unsupported	Supported
Exception	Unsupported	Supported
meeting		
HTML email	Unsupported	Supported
template		
Yearly repeat	Supported	Unsupported
meeting		
Meeting template	Supported	Unsupported
iCalendar	Supported	Unsupported
Set up	Supported	Unsupported
OneClickSetting		
Multiple Service	Supported	Unsupported
Named Host		
TC hands on lab	Supported	Unsupported in 1.0, Planned in 1.1

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Backward Compatibility

- The WebEx11 meeting scheduler page provides fewer meeting options than the XML API. XML API 6.0.0 will ignore the request and response elements which are not supported in WebEx11.
- 2. Many exceptions with WebEx11 will return different exceptions for Create/Set/DelMeeting. See Logic section below.
- 3. CreateMeeting only returns meetingKey on a WebEx11 site. iCalendarURL and guestToken are no longer returned since these features are not supported in WebEx11.



4. Reassigning a meeting is unsupported in WebEx11.

Logic

- 1. For Create/SetMeeting, T27 meeting options which are unsupported in WebEx11 will be ignored. For details, refer to Table 1 below.
- 2. WebEx11 uses a different underlying conferencing platform that returns different exceptions. The XML API will return these new WebEx11 meeting exceptions as <exceptionID>160001 <reason>Call Conference Service failure. There will be a <subErrors><subError> that will contain information about the conferencing service exception. See the following example:

```
<serv:header>
    <serv:response>
        <serv:result>FAILURE</serv:result>
        <serv:reason>Call Conference Service failure</serv:reason>
        <serv:gsbStatus>PRIMARY</serv:gsbStatus>
```



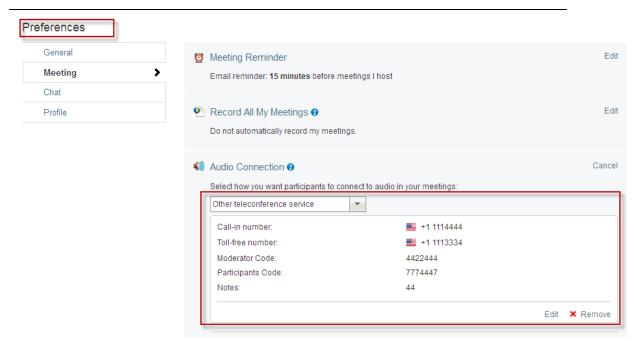
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- New WebEx11 options that are unsupported in XML API Create/SetMeeting will be automatically set to the default values as defined in the WebEx11 scheduling web page.
- 4. Any optional options unspecified in the XML API Create/SetMeeting will be automatically set to the default values in WebEx11.
- 5. XML API does not support exception meeting and auto recording.
- 6. Create/SetMeeting supports optionally sending invitations to all attendees with <attendeeOptions><emailInvitations> but not to each individual attendee with <participants><attendee><emailInvitations>.
- WebEx11 does not support yearly repeat meetings, if Create/SetMeeting is used to schedule a yearly repeat meeting, meeting will default to a non repeat meeting without throwing an exception.
- 8. WebEx11 does not support setting a new host to reassign the meeting. If SetMeeting is called with a new hostWebExID, an exception is thrown.
- 9. In WebEx11, to update meeting recurrence options, SetMeeting should be called with all elements under <repeat>.
- 10. In T27, when Other teleconference service was selected, during meeting scheduling, the host filled in a free text field containing dial in directions. For WebEx11 Meeting Center, Other teleconferencing details are moved to the User Preferences and broken into separate fields as shown below:



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For WebEx11, the Other teleconference service data will be returned in GetMeeting/GetSessionInfo <extTelephonyDescription> in the following format, where [value] contains the dial in codes or notes.

TollCallInCountryCode:[value]

!#TollCallInTelephonyCountryCode:[value]

!#TollCallInNumber:[value]

!#TollFreeCallInCountryCode:[value]

!#TollFreeCallInTelephonyCountryCode:[value]

!#TollFreeCallInNumber:[value]

!#ModeratorCode:[value] !#ParticipantCode:[value]

!#Notes:[value]

Here's an example:

```
<ep:telephony>
  <ep:telephonySupport>OTHER</ep:telephonySupport>
  <ep:extTelephonyDescription>
```

TollCallInCountryCode:+1!#TollCallInTelephonyCountryCode:+1!#TollCallInNumber:408.52
TollFreeCallInCountryCode:+1!#TollFreeCallInTelephonyCountryCode:+1!#TollFreeCallInNumber
oderatorCode:4422444!#ParticipantCode:7774447!#Notes:Follow the prompts to enter the
Code</ep:extTelephonyDescription>

<ep:isMPAudio>false/ep:isMPAudio>

</ep:telephony>



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11. In WebEx11 1.x, Event Center and Training Center still use the T27 design for Other teleconferencing service.

Other telecon	ference serv	ice	

Table 1 - Meeting option differences between T27 and WebEx11

Create/SetMeeting Request

<accessControl>

Element	WebEx11 Default	WebEx11 Behavior
listToPublic	true	lgnored. All meetings in WebEx11 are public.
isPublic	true	Ignored. All meetings in WebEx11 are public.
enforcePassword		Ignored. WebEx11 password requirements are defined in Org/Site Admin and cannot be overridden here.

<metadata>

Element	WebEx11 Default	WebEx11 Behavior
meetingType	If (<telephonysupport> is unspecified and the user's profile Audio Connection is set to "Personal Conferencing") or <telephonysupport>PCN then meetingType will be set to the default Audio Only (AUO) session.</telephonysupport></telephonysupport>	Optional



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	Otherwise the lowest meetingTypeID will be selected in order of PRO->STD->FRE.		
greeting	N/A	Ignored.	Not supported.
location	N/A	Ignored.	Not supported.
invitation	N/A	Ignored.	Not supported.
setNonMTOptions	N/A	Ignored.	Not supported.
sessionTemplate	N/A	Ignored.	Not supported.
isInternal	N/A	Ignored.	Not supported.

<participants>

Element	WebEx11 Default	WebEx11 Behavior
maxUserNumber	N/A	Ignored. Not supported
name	Retrieved from Contacts directory using email.	Specified value overrides default
firstName	Retrieved from Contacts directory using email.	Specified value overrides default
lastName	Retrieved from Contacts directory using email.	Specified value overrides default
Title	Defined in Contacts tab.	Ignored. Field cannot be set here.
company	Defined in Contacts tab.	Ignored. Field cannot be set here.
webExId	N/A	Ignored. Field cannot be set here.
addressType	"PERSONAL"	Ignored. Field cannot be set here.
address1	Defined in Contacts tab.	Ignored. Field cannot be set here.
address2	Defined in	Ignored. Field cannot be set here.



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	Contacts tab.	
city	Defined in	Ignored. Field cannot be set here.
,	Contacts tab.	Ĭ
state	Defined in	Ignored. Field cannot be set here.
	Contacts tab.	, and the second
zipCode	Defined in	Ignored. Field cannot be set here.
·	Contacts tab.	
country		Ignored. Field cannot be set here.
phone	Defined in	Ignored. Field cannot be set here.
•	Contacts tab.	
mobilePhone		Ignored. Field cannot be set here.
fax		Ignored. Field cannot be set here.
email	Required value	Required
notes	""	Ignored. Field cannot be set here.
url	1111	Ignored. Not supported
type	"VISITOR"	Ignored. Field cannot be set here.
contactID		Ignored. Not supported.
joinStatus	"INVITE"	Ignored. Registration unsupported in
		WebEx11
language	Defined in	Ignored. Field cannot be set here.
	Contacts tab.	
languageID	Defined in	Ignored. Field cannot be set here.
	Contacts tab.	
role	ATTENDEE	Only ATTENDEE and HOST values
		are supported.
emailInvitations	false	WebEx11 cannot control sending
		emails to individual attendees. If
		<emailinvitations> is set to true for one</emailinvitations>
		attendee invitations will be emailed to all attendees.
locale	Set to the host's	Ignored. Field cannot be set here.
	locale	3
timeZoneID	Set to meeting's	Ignored. Field cannot be set here.
	timezoneID	

<schedule>

Element	WebEx11 Default	WebEx11 Behavior
---------	-----------------	------------------



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templateFilePath	""	Ignored.	Not supported.
showFilePath	1111	Ignored.	Not supported.
showFileStartMode	FALSE	Ignored.	Not supported.
showFileContPlayFlag	FALSE	Ignored.	Not supported.
showFileInterVal	0	Ignored.	Not supported.
entryExitTone	user preference	Ignored.	Not supported.
	setting		
extURL	1111	Ignored.	Not supported.
extNotifyTime	0	Ignored.	Not supported.
joinNotifyURL	""	Ignored.	Not supported.
joinTeleconfBeforeHost	site setting	Ignored.	Not supported.

<repeat>

Element	WebEx11 Default	WebEx11 Behavior
repeatType	_	YEARLY, CONSTANT options unsupported
monthInYear	0	Ignored. Yearly recurring meetings unsupported.
daylnYear	0	Ignored. Yearly recurring meetings unsupported.

<telephony>

Element	WebEx11 Default	WebEx11 Behavior
numPhoneLines	0	Ignored. Not supported.
extTelephonyURL	1111	lgnored. Not supported.
extTelephonyDescription	Set from user preferences	Ignored. Telephony description retrieved from user preferences. See Logic section above.
teleconfLocation	""	Ignored. Not supported.
isMPAudio	false	Ignored. Not supported.

<enableOptions>



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Element	WebEx11 Default	WebEx11 Behavior
chat	Default to meetingType's setting	Ignored.
poll	Default to meetingType's setting	Ignored.
audioVideo	Default to meetingType's setting	Ignored.
attendeeList	true	Ignored.
fileShare	true	Ignored.
presentation	Default to meetingType's setting	Ignored.
applicationShare	Default to meetingType's setting	Ignored.
desktopShare	Default to meetingType's setting	Ignored.
webTour	Default to meetingType's setting	Ignored.
meetingRecord	Default to meetingType's setting	Ignored.
annotation	false for high touch orgs. true for low touch.	Ignored.
importDocument	false	Ignored.
saveDocument	false	Ignored.
printDocument	false	Ignored.
pointer	false	Ignored.
switchPage	false	Ignored.



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fullScreen	false	Ignored.
thumbnail	false	Ignored.
zoom	false	Ignored.
copyPage	false	Ignored.
rcAppShare	Default to meetingType's setting	Ignored.
rcDesktopShare	Default to meetingType's setting	Ignored.
rcWebTour	Default to meetingType's setting	Ignored.
javaClient	Default to meetingType's setting	Ignored.
nativeClient	Default to Site/meeting type setting	Ignored.
attendeeRecordMeeting	Default to meetingType's setting	Ignored.
faxInfoMeeting	Default to meetingType's setting	Ignored.
enableReg	false	Ignored.
supportQandA	Default to meetingType's setting	Ignored.
supportFeedback	Default to meetingType's setting	Ignored.
supportBreakoutSession	Default to meetingType's setting	Ignored.
supportPanelists	Default to meetingType's setting	Ignored.
supportRemoteComputer	Default to meetingType's setting	Ignored.



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supportShareWebContent	Default to meetingType's setting	Ignored.
supportUCFWebPages	true	Ignored.
supportUCFRichMedia	Default to meetingType's setting	Ignored.
autoDeleteAfterMeetingEn d	true	Ignored
viewAnyDoc	false	Ignored
viewAnyPage	false	Ignored
allowContactPrivate	false	Ignored
chatHost	true	Ignored
chatPresenter	true	Ignored
chatAllAttendees	true	Ignored
multiVideo	false	Ignored
notes	true	Ignored
closedCaptions	false	Ignored
singleNote	true	Ignored
sendFeedback	false	Ignored
displayQuickStartHost	false	Ignored
displayQuickStartAttendee	false	Ignored
HQVideo	Default to Site/meeting type/user setting	Ignored

<remind>



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Element	WebEx11 Default	WebEx11 behavior
enableReminder	retrieved from user	Ignored
	preferences	
email	""	Ignored
sendEmail	FALSE.	Ignored
mobile	""	Ignored
sendMobile	FALSE	Ignored
daysAhead	0	Ignored
hoursAhead	0	Ignored
minutesAhead	retrieved from user	Ignored
	preferences	

<attendeeOptions>

Element	WebEx11 Default	WebEx11 Behavior
request	False	Ignored
registration	False	Ignored
auto	False	Ignored
participantLimit	0	Ignored
joinRequiresAccount	False	Ignored

Send invitation email behavior in WebEx11

Session	XML API combinations	WebEx11 sends
Туре	AME AFI COMBINATIONS	email to
	attendeeOptions.emailInvitations=true	
	attendeeType.emailInvitations=true false unspecified	All
	with attendee	
	attendeeOptions.emailInvitations=false unspecified	None
	attendeeType.emailInvitations=false unspecified	
MC	attendeeOptions.emailInvitations=false	
	attendeeType.emailInvitations=true	Affected Invitees
	with attendee	
	attendeeOptions.emailInvitations=true	
	attendeeType.emailInvitations=true false	Host Only
	unspecified without attendee	
AUO	attendeeOptions.emailInvitations=true	Affected Invitees
AUU	with attendee	Allected invitees



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other cases	None
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<assistService>

Element	WebEx11 Default	WebEx11 Behavior
assistRequest	None	Ignored
assistConfirm	Pending	Ignored

CreateMeeting response:

Element	WebEx11 Behavior
meetingKey	<confkey> returned</confkey>
iCalendarURL for host	Not returned.
	Unsupported feature.
iCalendarURL for attendee	Not returned.
	Unsupported feature.
guestToken	Not returned.
	Unsupported feature.

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#15180 -WebEx11 Teleconference Session Support

Affected APIs:

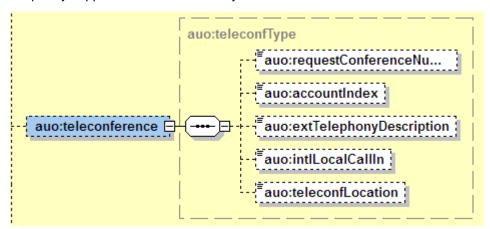
Create/Set/GetTeleconferenceSession

Backward compatibility

WebEx11 provides fewer meeting options than T27 for Teleconference only sessions.

Logic

- For meeting options which existed in XMLAPI but not provided by conference service API, will ignore the inputted options.
- WebEx11 does not support setting a new host to reassign the meeting, so XML API
 cannot support it. When SetTeleconferenceSession is called with a new hostWebExID,
 XML API throws the following error: <serv:reason>No corresponding message found for
 conference.host_can_not_be_updated untranslated.</serv:reason>)
- 3. WebEx11 does not support limitedAccessAttendees type so this type will be change to common attendee.
- 4. If CreateTeleconference <teleconference><extTelephonyDescription> is specified, telephony support will be automatically set to OTHER.



 Create/SetTeleconferenceSession contains many of the same elements as Create/SetMeeting. For these common elements, see Task #15179 Table 1 for differences between WebEx11 and T27 for Create/SetMeeting.

For Create/SetTeleconferenceSession only elements that are different between T27 and WebEx11 see below:

<teleconference>

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Element	WebEx11 Default	WebEx11 Behavior
requestConferenceNumber	false	Ignored
requireUcfDiagnosis	false	Ignored

<accessControl>

Element	WebEx11 Default	WebEx11 Behavior
sessionPassword	Set to the PCN Attendee Access Code	Ignored

6. WebEx11 defines different exceptions with the following format: (id= <u>160001</u> 'Call Conference Service failure') with a detail error id and sub error message.



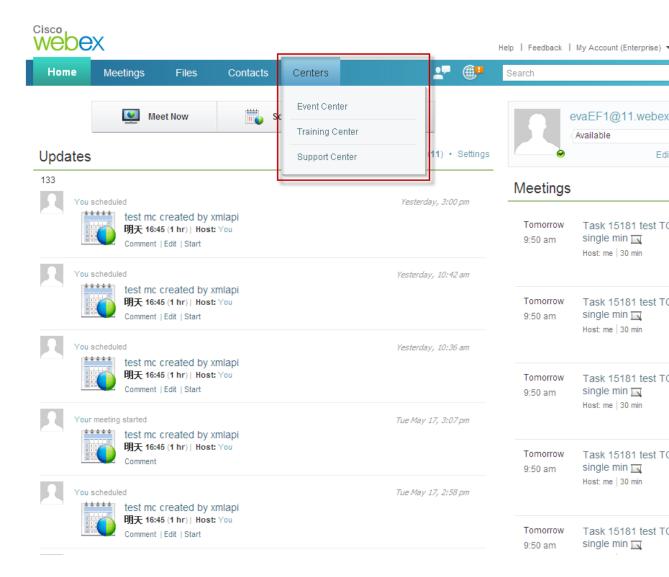
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#15181 - WebEx11 TC/EC session management

Affected API:

Set/DelTrainingSession, Set/DelEvent, DelSession (for TC/EC)

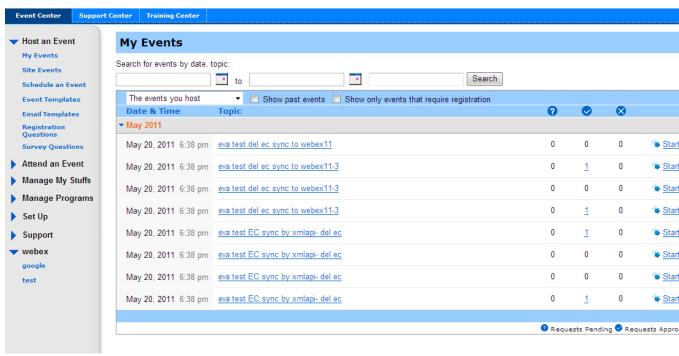
Training Center (TC), Event Center (EC) and Support Center (SC) are accessible from the Centers tab in WebEx11 phase 1. TC and EC use the T27 page format for scheduling and their sessions will appear in the new WebEx11 Meetings tab. Support Center sessions will not appear in the WebEx11 Meetings tab.





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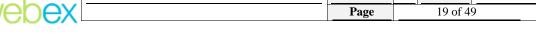


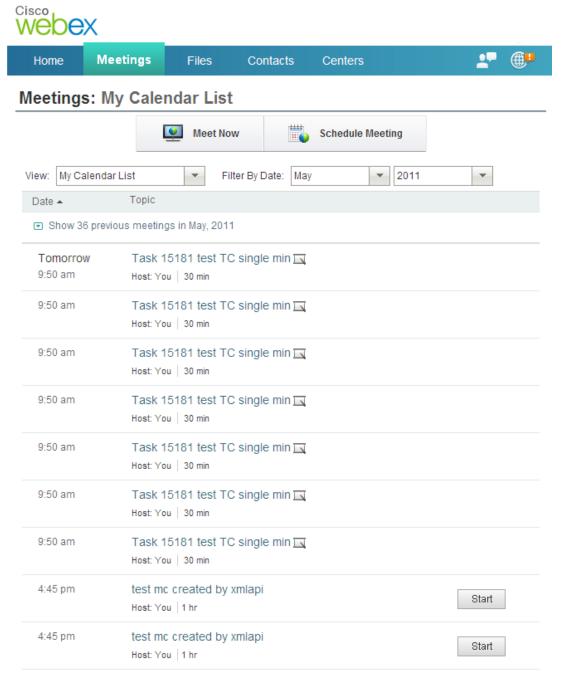


WebEx11 meeting calendar page:



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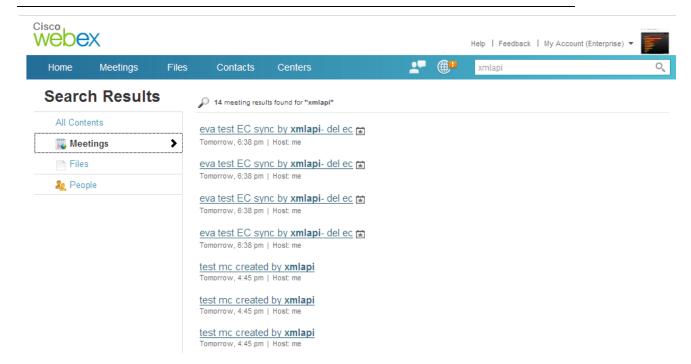




WebEx11 search meeting page:



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Logic

- In WebEx11, once a meeting was started, deleting or changing recurrence is now allowed. DelSession/DelEvent/DelTrainingSession to delete an already started EC/TC session returns Exception (ID=060042, 'On WebEx11 site, a started session cannot be deleted or changed recurrence type')
- 2. In WebEx11, if SetTrainingSession changes the repeat type of a started meeting, returns Exception (ID=060042, 'On WebEx11 site, a started session cannot be deleted or changed recurrence type')



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#15182 – WebEx11 Support for new email templates

Affected APIs:

Create/Set/DelMeeting, Create/Register/DelMeetingAttendee

WebEx11 meetings scheduled with the XML API will use the new WebEx11 HTML email templates.

T27 Email Template List

Meeting Center email template	To who?	When send?
name		
Meeting Scheduled	host/creator	when a meeting is scheduled
Meeting Invitation	attendee	when a meeting is scheduled
Invitation to Register for a Meeting	attendee	when a meeting is scheduled and require
		registration
Confirmation of Meeting Cancellation	host	when meeting is cancelled
Meeting Cancelled	attendee	when meeting is cancelled
Meeting Information Updated	host/creator	when a meeting is updated
Updated Meeting Invitation	attendee	when a meeting is updated
Updated Invitation to Register for a	attendee	When a meeting is updated (not only update
Meeting		meeting time), and meeting require
		registration.
Meeting Rescheduled	attendee	When meeting is updated only for date/time
		change. And meeting require registration,
		attendee is approved. Or normal meeting
Meeting Requiring Attendee	attendee	When meeting is updated only for date/time
Registration Rescheduled		change, and meeting require registration but
		attend not registered and approved yet.
Meeting Registration Rejected	attendee	attendee's registration is rejected
Meeting Registration Confirmed	attendee	attendee's registration is approved
Retracted Meeting Invitation	attendee	when meeting remove this attendee

WebEx11 Email Template List

Email template	When Sent	To whom
invitee-invitation	When A. invites B, B gets	Meeting invitee
	this email invitation.	
invitee-invitation (PCN)	When A invites B to a	Meeting invitee
	PCN meeting, B gets this	
	email invitation.	



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invitee-in-progressInvitation	When A invites B.to an in-progress meeting, B gets this meeting invitation	Meeting invitee
invitee-in-progressInvitation(PCN)	When A invites B.to an in-progress PCN meeting, B gets this meeting invitation	Meeting invitee
invitee-scheduleChange	When A updates any info of meeting	Meeting invitee
invitee-scheduleChange(PCN)	When meeting host updates any info of PCN meeting	Meeting invitee
invitee-meetingCanceled	When meeting host canceled the meeting	Meeting invitee include alternate host
invitee-meetingCanceled(PCN)	When meeting host canceled the PCN meeting	Meeting invitee includes alternatehost
host-notification	When the host scheduled a meeting, she will get this email notification	Meeting host
host-notification(PCN)	When the host scheduled a PCN meeting, she will get this email notification	Meeting host
host-scheduleChanged	When the host update meeting info	Meeting host
host-scheduleChanged(PCN)	When the host update PCN meeting info	Meeting host
host-autoMeetingReminder	When it's time to start, the meeting host gets this reminder.	Meeting host
host-autoMeetingReminder(PCN)	When it's time to start, the PCN meeting host gets this reminder.	Meeting host
host-meetingCanceled	When the meeting host canceled a recurring meeting, gets this.	Meeting host
host-meetingCanceled(PCN)	When the PCN meeting host canceled a recurring meeting, gets this.	Meeting host
alternateHost-newInvitation	When A invited B as	Meeting alternate



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	alternate host, B gets this	host
	meeting invitation	
alternateHost-scheduleChange	When A invited B as	Meeting alternate
	alternate host and A	host
	updated meeting, B gets	
	this meeting invitation	
SOB-MeetingNotification	When A scheduled a	Meeting creator
	meeting on behalf of B, A	
	gets this notification.	
SOB-ScheduleChanged	When A scheduled a	Meeting creator
	meeting on behalf of B,	
	and update meeting, A	
	gets this notification.	
SOB-MeetingReminder	When A scheduled a	Meeting creator
	meeting on behalf of B. A	
	gets this notification when	
	it is time to start.	
SOB-MeetingCanceled	When A canceled a	Meeting creator
	meeting on behalf of B, A	
	gets this email	

Logic

the invitation.

- 1. WebEx11 1.0 does not support meeting registration so registration emails will not be sent.
- 2. WebEx11 cannot disable sending emails to the host.
- 3. WebEx11 can only enable or disable emails for all attendees not on an individual basis. Thus when XML API specifies emailInvitations=true for one attendee, all attendees will receive



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#15184 -WebEx11 Attendee management

Affected APIs:

CreateMeetingAttendee, DelMeetingAttendee, RegisterMeetingAttendee

WebEx11 MC does not support registration, but TC/EC on center still support. When there are attendee update to meeting (add/remove/pending attendee from the meeting), need sync the latest meeting info to calendar service/search farm/WAPI, so the meeting can be listed/removed from attendee's WebEx11 meeting calendar.

Create/DelMeetingAttendee for WebEx11

- WebEx11 does not support registration for MC, so RegisterMeetingAttendee for a MC meeting will directly return error (ID = 200003, 'Conference Service not support registration'). RegisterMeetingAttendee is supported for EC and TC.
- CreateMeetingAttendee does not return attendeeID. Attendee email should be used for subsequent calls.
- 3. When DelMeetingAttendee is called with <attendeeID> for MC, if the attendee cannot be found, AttendeeNotFoundException will be thrown.
 When DelMeetingAttendee is called with <attendeeEmail> for MC, if the attendee cannot be found, no exception will be thrown.

#15185 –WebEx11 Meeting URLs

Affected APIs:

GetjoinurlMeeting GetSessionInfo LstRecording CreateMeeting

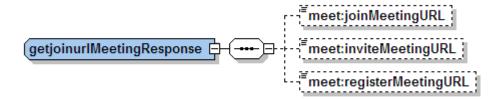
Logic

WebEx11 Join meeting URL for MC meeting

 GetjoinurlMeeting will not return <inviteMeetingURL> and <registerMeetingURL> for MC meeting since WebEx11 does not support meeting registration



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WebEx11 GetSessionInfo URL's for MC meeting

1. GetSessionInfo for a MC meeting will not return the <verifyFlashMediaURL>, <verifyWinMediaURL>, or <registrationURL> since WebEx11 does not support these features.

ep:sessionkey ep:conflD ep:verifyFlashMediaURL ep:verifyWinMediaURL ep:sessionPassword ep:listStatus ep:accessControl 🖃 ep:registration ep:registrationURL ep:passwordReq ep:metaData ⊞ ep:telephonySupport ep:extTelephonyDescription ep:globalCallInNumbersURL getSessionInfoResponse ep:toIIFreeRestrictionsURL ep:callInNum 🖽 ep:participantAccessCode ep:telephony ep:participantLimitedAcces... ep:subscriberAccessCode ep:labels 🕀 ep:mpAudio 🛱

WebEx11 iCalendar URL in CreateMeeting response

1. CreateMeeting response will not return <iCalendarURL>



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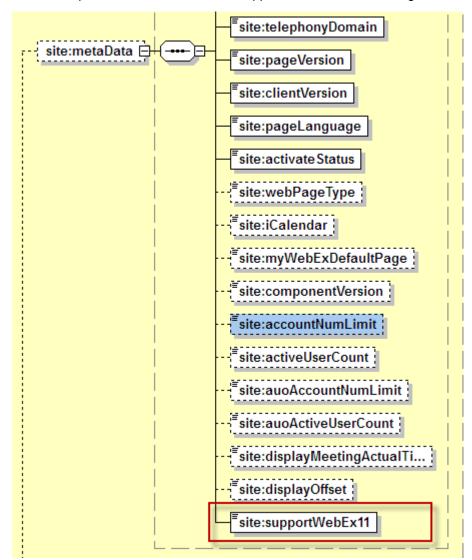
#15186 -GetSite returns WebEx11 status

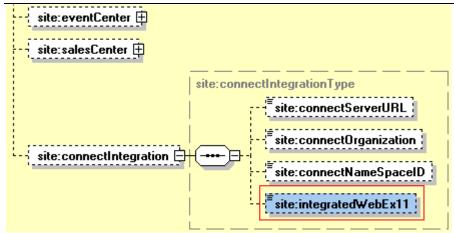
Affected APIs:

GetSite

XSD Design

GetSite response adds new element <supportWebEx11> and <integratedWebEx11>





Element	Parent	Definition	Туре	Default
supportWebEx11	metaData	Returns true if Cisco has enabled	boolean, 01	false
		WebEx11 for the customer site.		
integratedWebEx1	connectIntegration	Returns true if data synchronization	boolean, 01	false
1		between the WebEx site and the		
		WebEx11 org has been enabled.		

#15187 – WebEx11 - LstSummarySession to retrieve exception meetings

Affected APIs:

LstSummarySession

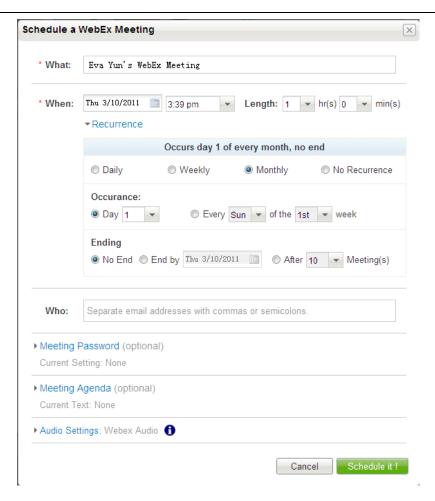
LstSummarySession is updated to retrieve WebEx11 exception meetings to align with the WebEx11 meeting calendar. CreateMeeting does not support the WebEx11 exception meetings.

Logic

In WebEx11, after scheduling a recurrence meeting it is possible to edit one instance
of the meeting series. This edited instance is an exception meeting.
LstSummarySession will return these exception meetings.



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2. Exception meeting are only tied to recurrence meeting so LstSummarySession only returns exception meetings when <recurrence>=true,

#15254 - WebEx11 AuthenticateUser SAML support

In WebEx11 XML API AuthenticateUser <samlResponse> will only accept SAML version 2.0 assertions. T27 and T28 will accept SAML 1.1 and 2.0 assertions.

#15321 – WebEx11 Create/Del/SetUser return exceptions on WebEx11 sites



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Affected APIs:

Create/Set/Get/DelUser, Activate/InactivateUser

WebEx11 features a new common user database shared across all WebEx sites that is not fully compatible with the older site partitioned user database. Thus the existing XML API cannot be used to create, activate/deactivate users or update certain user fields.

XML API 6.0 does support:

- WebEx11 low touch users
- EIM users who only have IM enabled without meeting functionality.

Logic

- 1. CreateUser, DelUser, ActivateUser, InactivateUser throw the following exception if called on a WebEx11 site: (ID=030078, 'User management is not allowed on WebEx11 site')
- 2. SetUser will return the following exception if called on a WebEx11 site: (ID=030078, 'User management is not allowed on WebEx11 site')

SetUser WebEx11 incompatible fields
newWebExId
password – can only be specified if the current password is expired,
otherwise an exception is thrown
passwordHint
passwordHintAnswer
title
firstName
lastName
email
company
<u>address</u>
address1
address2
city
state
zipCode
country
addressType
<u>phones</u>
phone
fax
mobilePhone
mobilePhone2
phone2
pager



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email2
personalUrl
language, languageID
timeZoneID, timeZone, timeZoneWithDST
locale
active
registrationDate
<u>expirationDate</u>
<u>Privilege</u>
host
siteAdmin,
roSiteAdmin,
attendeeOnly
tracking
trackingCode1~10
security (all fields)
myWebEx (all fields)

- 3. WebEx11 GetUser will correctly return all fields.
- 4. XMLAPI 6.0 doesn't support WebEx11 low touch users.
- 5. XMLAPI 6.0 doesn't support WebEx11 users that only have IM and no meeting services.

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#15623 - Support T27FR29 Video Functionality

Affected APIs:

Create/Set/GetMeeting
Create/Set/GetTrainingSession
GetSite
Create/Set/GetUser
SetupOneClickSettings

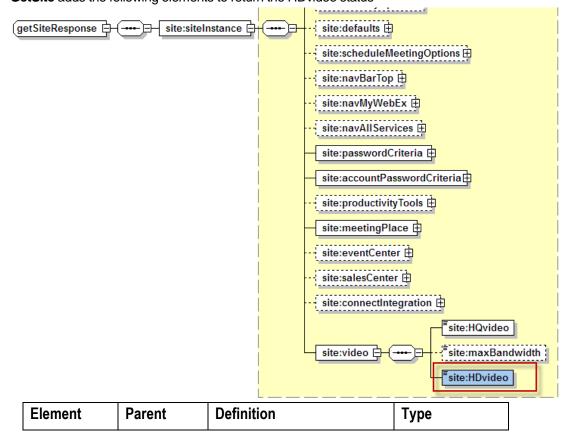
T27FR29 adds HD video capability for Meeting Center. These options are controlled at the:

- Super Admin level
- Site Admin level for the site and user
- Meeting scheduling level

FR29 changed the MC and TC scheduling defaults for video options so Site Admin settings have a higher priority than Meeting Template settings. XML API 6.0 Create/SetMeeting, Create/SetTrainingSession and SetupOneClicksettings are updated to conform to FR29.

XSD Design

GetSite adds the following elements to return the HDvideo status

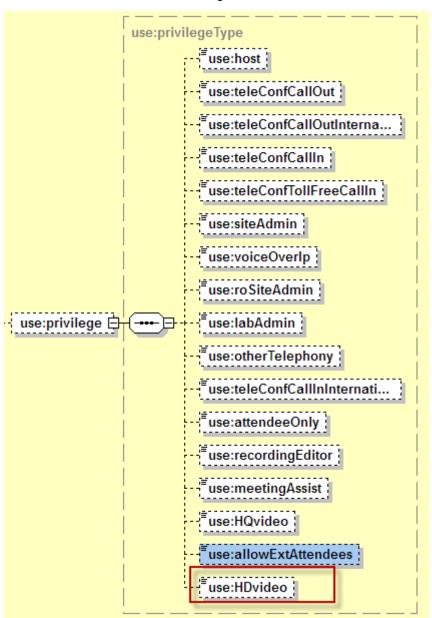




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HDvideo	video	Whether HD video is enabled for	Boolean, 11	
		the site based on Super and Site		
		Admin settings.		

Create/Set/GetUser adds the following element,



Element	Parent	Definition	Type	Default
HDvideo	privilege	Enables/disables High definition	Boolean, 01	False, based on FR29
		video for the user		web page checkbox

Create/Set/GetMeeting adds the following element:



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Element	Parent	Definition	Туре	Default
HDvideo	enableOptions	Enables/disables HQ	Boolean, 01	Default to site admin->
		video for the session		"Default scheduler
				options" if site and user
				supports HQ video. As
				FR29 web page
viewVideoThumbs	enableOptions	Enables viewing	Boolean, 01	Default to true if Video is
		thumbnails of		true as in FR29 web page
		participants for session		

Backward Compatibility

1. <audioVideo>, <HQVideo> default values are now retrieved from Site Admin rather than the meeting type.

Logic

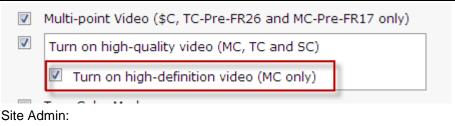
GetSite

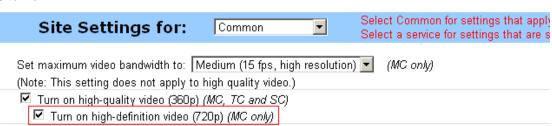
- If both Super Admin AND Site Admin have checked "High Definition Video" option, then GetSite will return <HDvideo>=true, otherwise, if either of them are unchecked, GetSite will return <HDvideo>=false.
- 2. Super Admin:



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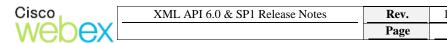


Create/Set/GetUser

Site Admin->Edit User:



 Create/SetUser returns exception (ID=010082, "The site does not support High Definition Video") if either Super Admin or Site Admin have not checked "Turn on high-definition video".



 Create/SetUser returns exception (ID= 999999, "HQVideo should be enabled when enable HDvideo"), if <HDvideo>=true and <HQvideo>=false.

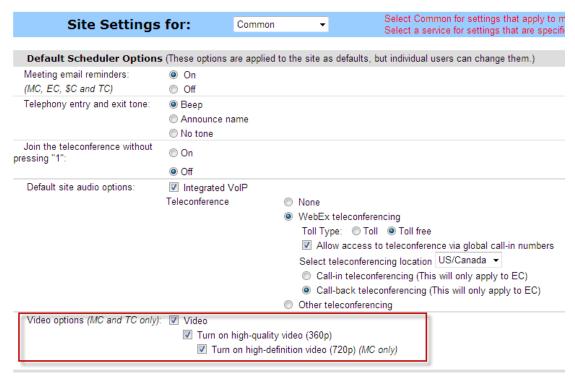
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4. GetUser response will return <HDvideo>true when Site Admin has checked "Turn on high-definition video". Otherwise <HDvideo> will not be returned.

Create / Set / GetMeeting

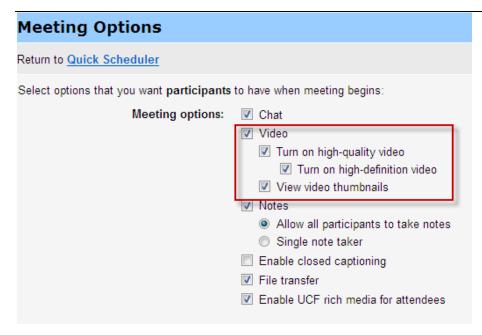
- 1. Create/SetMeeting with <HDvideo>true will throw the following exceptions :
 - a) (ID=010082 "The site does not support High Definition Video") if the site does not support HD Video.
 - b) (ID=030080, "The user does not support High Definition Video") if the user does not support HD Video
 - c) (ID=070002, "HQvideo should be enabled when enable HDvideo") if the meeting does not support HD Video.
 - d) (ID= 999999, "HQVideo should be enabled when enable HDvideo") if <HQVideo>=false.
- CreateMeeting < HDvideo> unspecified, will set default the value from Site
 Admin->Default Scheduler Options->" Enable high-definition video" setting.,



3. The Meeting Center scheduler web page is show below:



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- Create/SetMeeting with <viewVideoThumbs>true will throw exception
 (ID=999999,"audioVideo should be enabled when enable viewVideoThumbs") if
 <audioVideo>false.
- If CreateMeeting is called with an older meeting template that does not have <HDvideo>
 and <viewVideoThumbnails>, XML API will use the site setting default values for these
 elements.

Create/SetTrainingSession

- If Create/SetTrainingSession is called without a meeting template or with an older template that does not have <HQvideo>, the Site Admin HQvideo option will be used as default.
- 2. Create/SetTrainingSession with <HQvideo>true will throw exception Create/SetMeeting with <HDvideo>true will throw the following exceptions:
 - a) (ID=070001, audioVideo should be enabled when enable HQvideo) if <audioVideo>false or unsupported by the session type.
 - b) (ID=010082 "The site does not support High Definition Video") if the site does not have HQvideo enabled.
 - c) (ID=030080, "The user does not support High Definition Video") if the user does not have HQvideo enabled.

SetupOneClickSettings

1. SetupOneClickSettings for MC and TC using the system default meeting template, will set default video options from Site Admin.



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Use Case

- Integration calls GetSite and checks <video><HDvideo> if High definition video is enabled for the site.
- 2. Integration calls CreateMeeting with <HQvideo> and <HDvideo>true.
- 3. Meeting is scheduled with High definition video enabled.
- 4. Integration calls GethosturlMeeting to start meeting with HD video.



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#15253 – T27 Create/RegisterMeetingAttendee support for recurring single session registration

Affected APIs:

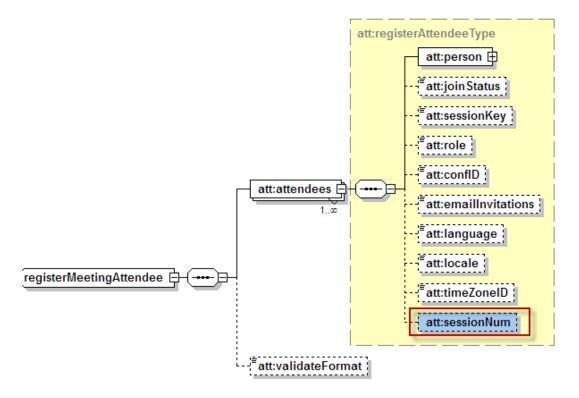
Create/Register/DelMeetingAttendee

Previously the XML API would not allow adding or registering attendees for a specific session in a recurring Training Session series. In this release Create/RegisterMeetingAttendee can be not specify a specific session in a TC series.

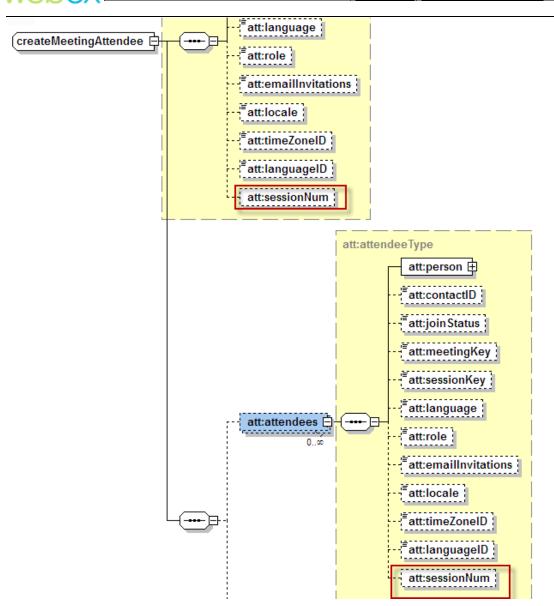
XSD Design

Create/RegisterMeetingAttendee request adds element:

Element	Parent	Definition	Туре	Default
sessionNum	root &	The index of TC recurrence session.	Integer, 01	null
	attendees	i.e. which session the attendee		
		registers for.		



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Logic

- CreateMeetingAttendee/RegisterMeetingAttendee with sessionNum <= 0, XML API will throw a WBXValidationException (invalid sessionNum).
- Create a TC recurrence single session and require registration, call
 RegisterMeetingAttendee/CreateMeetingAttendee with
 <joinStatus>ACCEPT</joinStatus>, specify <confID> and <sessionNum> for the session
 sequence number to register for. The attendee will register for one of the TC recurring
 sessions and receives a notification email.
- If the TC session is not a single recurring session or if registration is not required then CreateMeetingAttendee (w/<joinStatus> is not ACCEPT) or RegisterMeetingAttendee with <sessionNum> will throw new Exception NotSupportSingleRecurrenceRegistrationException (040009, sessionNum is not required.)



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- 4. If CreateMeetingAttendee/RegisterMeetingAttendee is called with <sessionNum>and <role>=PRESENTER or HOST, XML API will throw an exist exception (040009, sessionNum is not required.).
- 5. If Create/RegisterMeetingAttendee is called for a recurring single session that requires registration, and the specified <sessionNum> does not exist or the session date of the selected session is expired. XML API will throw exception InvalidRecurrenceSessionNum (040011, Invalid recurrence single session number or the session sequence is expired).
- If an attendee has already registered for a single recurring session and tries to register for another session in the series, then RegisterMeetingAttendee will throw new Exception NotSupportSingleRecurrenceRegistrationException, (040010, Cannot register to another single recurrence session).
- 7. Create/RegisterMeetingAttendee with <sessionNum> and DelMeetingAttendee will update the Approved, Pending, and Rejected totals for each sessions on the TC registration report web page shown below.

Total for all sessions A	Approved: 0	Pending: 1	Rejected: 0			
Session Date & T	ime 🕶		Maximum Registrations	Approved	Pending	Rejected
6/7/11 8:00 pm			N/A	<u>0</u>	<u>0</u>	<u>0</u>
6/14/11 8:00 pm			N/A	<u>0</u>	1	0
6/21/11 8:00 pm			N/A	<u>0</u>	0	<u>0</u>
6/28/11 8:00 pm			N/A	<u>0</u>	<u>0</u>	<u>0</u>
7/5/11 8:00 pm			N/A	<u>0</u>	0	<u>0</u>

- If Create/RegisterMeetingAttendee does not specify <sessionNum> for a TC single recurring session and <joinStatus>=ACCEPT, XML API returns exception (ID =040012, 'sessionNum is required for this session.')
- 9. Create/SetTrainingSession for a TC single recurring session only supports <joinStatus> INVITE. Exception (ID=040013, 'Only INVITE joinStatus is allowed for single recurrence session.') for any other <joinStatus> value.
- Create/SetTrainingSession should only be used to invite attendees, not update their registration status. Instead we recommend developers use Create/RegisterMeetingAttendee<joinStatus> for implementing attendee registration workflows.
- If Create/SetTrainingSession is called for a single recurring session exception (ID=040013, 'Only INVITE joinStatus is allowed for single recurrence session.') is returned if <joinStatus> is not INVITE.

Use Case

- 1. Schedule a recurring single session for the following days:
 - a. Wednesday, January 5, 2013, 10:15 am
 - b. Thursday, January 6, 2013, 10:15 am
 - c. Friday, January 7, 2013, 10:15 am
 - d. Monday, January 10, 2013, 10:15 am
 - e. Tuesday, January 11, 2013, 10:15 am



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- 2. Call LstsummarySession to get confID (747254803) for 1st session
- 3. Call RegisterMeetingAttendee with confID 747254803 and <sessionNum>3 to register for the third session
- 4. Attendee is registered for Friday, January 7, 2013 session and receives email notification..



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#15306 - T27 Create/Set/GetUser support "Allow external

attendee"

Affected APIs:

Create/Set/GetUser

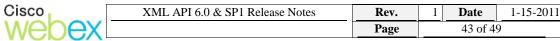
Meeting Place sites with an MCS node have an option under Site Admin->Manage Users to disallow certain hosts to invite outside attendees to an internal Meeting. We've added XML API support for this option.

		▼ SAC: Support Center Sales Session
	Training Center	▼ TRS: <u>Training Center Training session</u>
		SAC: <u>Training Center Sales Session</u>
		▼ TRS: <u>Training Center yanyan training session</u>
	Sales Center	STD: Sales Center Standard Meeting
		PRO: Sales Center Pro meeting
		SAC: Sales Center Sales Session
Security:	Force this us	ser to change password on next login
	Reset passw	
	Account lock	
General:	▼ Recording Ed	litor
	✓ Assist	
	✓ Enable high-o	quality video
Meeting Center:	Allow externa	al attendees
Sales Center:	▼ Sales Ren [Sales Manager Sales Assistant
	Subject Matt	
		<u> </u>
	Manager: Please	e select 💌
Training Center:	☐ Hands-on Lal	b Admin (effective only when hands-on lab is enabled)
Event Center:	☐ Optimize ban	ndwidth usage for attendees within the same network

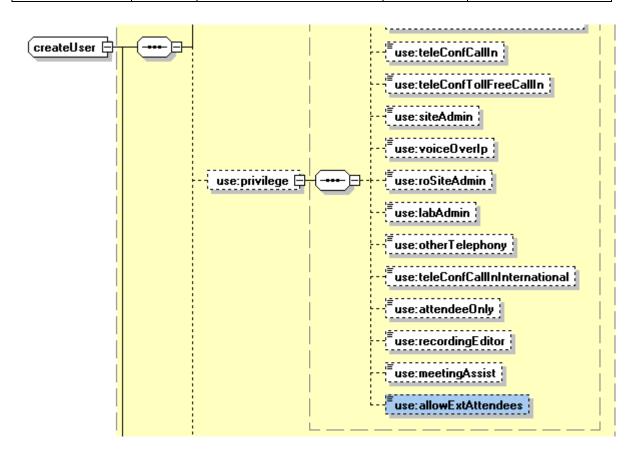
XSD Design

Create/Set/GetUser adds the following element

Element	Parent	Definition	Туре	Default



allowExtAttendees	privilege	Corresponds to the Site Admin Edit	Boolean, 01	True, based on web page.
		User->Meeting Center: "Allow		
		External Attendees" option for		
		Meeting Place MCS note sites.		



#15563 -T7 GetRecordingInfo/SetRecordingInfo for SiteAdmin should access all site recordings

Affected APIs:

GetRecordingInfo/SetRecordingInfo

The following table shows the XML API 5.8 recording API access scope when called by different user account types:



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API	Site Admin	Site Admin-View Only	Host
LstRecording	All site users	All site users	Only for self
SetRecordingInfo	All site users	Only for self	Only for self
DelRecording	All site users	Only for self	Only for self
GetRecordingInfo	Only for self	Only for self	Only for self

XML API 6.0 increases GetRecordingInfo access scope when called by Site Admin users for consistency:

API	Admin	Site Admin -View Only	Host
GetRecordingInfo	All site users	All site users	Only for self

This solves a bug where Site Admin calling SetRecordingInfo could not update the password for another user's recording because it first called GetRecordingInfo which could not access the recording.

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#447360 – T27 SetTrainingSession enforces <repeatType>

changes

Affected APIs:

SetTrainingSession

There are four occurrence types on schedule TC Page

Occurrence:

Single-session class

Recurring single-session class (attendees register for one session)

Multiple-session course (attendee register for entire sequence)

Schedule irregular sessions (each session may be edited separately later).

Single-session class

There is only one instance of the session.

Recurring single-session class

Each session is independent and the attendee can only register for one session.

Multiple-session course

The whole series of sessions compose one course. When registering for this course, attendees automatically register for all sessions of the course

• Irregular sessions

The host can schedule one or more Single-session classes with one call.

The Training Center web page enforces the changing of Occurrence as follows:

1. Single-session class

When update the session, the occurrence type can be changed into either Single Session class or Multiple Session Course.

Occurrence:

Single-session class

Multiple-session course (attendee register for entire sequence).

Time zone: GMT-07:00, Pacific Daylight Time (San Francisco)

2. Recurring single-session class

Not allowed to change to any other occurrence type.



Occurrence:

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Recurring single-session class (attendees register for one session)

Recurrence:

Weekly, every Friday,

Ending:

August 19 2011

August 5 sessions

Session dates:

1:15 am, Friday, August 19, 2011

Edit this session Delete

3. Multiple-session course

When update the session, the occurrence type can be changed into either Single Session class or Multiple Session Course.

4. Irregular sessions

When update the session, the occurrence type can be changed into either Single Session class or Multiple Session Course.

Backward compatibility

Previously SetTrainingSession did not enforce <repeatType> changes.

SetTrainingSession will now return exception (ID=999999, 'Not allowed to change repeat type') if <repeatType> is changed from MULTIPLE_SESSION or SINGLE to RECURRING_SINGLE.



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Bug Fixes

XML API 6.0

429747 - GetjoinurlMeeting API returning incorrect joinMeetingURL for EC/TC sessions in T27L sites

#15453 – Multiple child meeting types incorrectly being counted against Named Host limit for the parent meeting type

#15511 –GetloginurlUser/GetlogouturlUser failing with Attendee Only accounts

390510 - Incorrect %ExceptionSessionDesc% appearing in monthly RECURRING_SINGLE session



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XML API 6.0 SP1

475493 – T27 LstsummaryUser returning incorrect # of webACD matching records

475796 – T27 LstsummaryUser returning duplicate records when paging through results.

451666 – WebEx11 CreateMeetingAttendee, RegisterMeetingAttendee, DelMeetingAttendee returning "SyncServer not responding" exception

448182 – WebEx11 w/hybrid audio site GetMeeting telephonySupport incorrectly returning CALLBACK when scheduled with CALLIN

450447 – WebEx11 SetUser incorrectly allowing firstName, LastName in password site.

444266 – WebEx11 CreateTeleconferenceSession w/<emailInvitations> false incorrectly sending invitations.

476344 – WebEx11 DelMeeting w/<sendEmail>false incorrectly sending cancellation emails.



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New Exceptions

Name	ID	Message		
NotSupportSingleRecurrenceRegistrationExce	040009	sessionNum is not supported for current session		
ption				
NotSupportSingleRecurrenceRegistrationExce	040010	Cannot register to another single recurrence		
ption		session		
InvalidRecurrenceSessionNum	040011	Invalid recurrence single session number or the		
		session sequence is expired		
RequireSessionNumException	040012	sessionNum is required for this session.		
InvalidJoinStatusForSingleRecurrenceSession	040013	Only INVITE joinStatus is allowed for single		
		recurrence session.		
NotSupportUserManagementException	030078	User management is not allowed on WebEx11		
		site		
ConnectConferenceServerException	200001	Conference Service no responding		
FailToCallConferenceServiceException	200002	Conference Service response error		
<u>ConferenceServiceNotSupportRegistrationExc</u>	200003	Conference Service doesn't support registration.		
<u>eption</u>				
ConnectCASServerException	200004	CAS Server no responding		
<u>FailToCallCASServerException</u>	200005	CAS Server response error		
	160001	Call Conference Service failure		
ConnectSyncServerException	000043	SyncServer not responding.		
SiteNotSupportHQVException	010081	The site does not support High Quality Video		
SiteNotSupportHDVException	010082	The site does not support High Definition Video		
UserNotSupportHQVException	030079	The user does not support High Quality Video		
UserNotSupportHDVException	030080	The user does not support High Definition Video		
<u>MeetingStartedException</u>	060042	On WebEx11 site, a started session cannot be		
		deleted or changed recurrence type		
AudioVideoNotEnableException	070001	audioVideo should be enabled when enable		
		HQvideo		
<u>HQVideoNotEnableException</u>	070002	HQvideo should be enabled when enable		
		HDvideo		