



XML API 5.6.0 Release Notes		Rev.	1	Date	10-1-2010
		Page	1 of 29		

XML API 5.6.0 Release Notes

TABLE OF CONTENTS

New Features	2
# 14119 - Support T27 EC Registration Functionality.	2
# 14253 - Add Remote Support & Remote Access settings for User Management	5
# 14267- SetupOneClickSettings/GetOneClickSettings can specify internal/external meetings	9
# 14278 - Support 10 international languages for TC email templates	13
# 13522 – Allow scheduling recurring MC meetings ‘every N weeks’	16
# 14314 – Create/SetUser to enable/disable Access Anywhere for user	19
# 14348 – Return TC registration data for LstrecordaccessDetailHistory	21
# 14440 – CreateMeetingAttendee to register EC attendee when registration not required	25
Bug Fixes	27
Appendix	29
New Exceptions	29

New Features

14119 - Support T27 EC Registration Functionality.

Affected APIs:

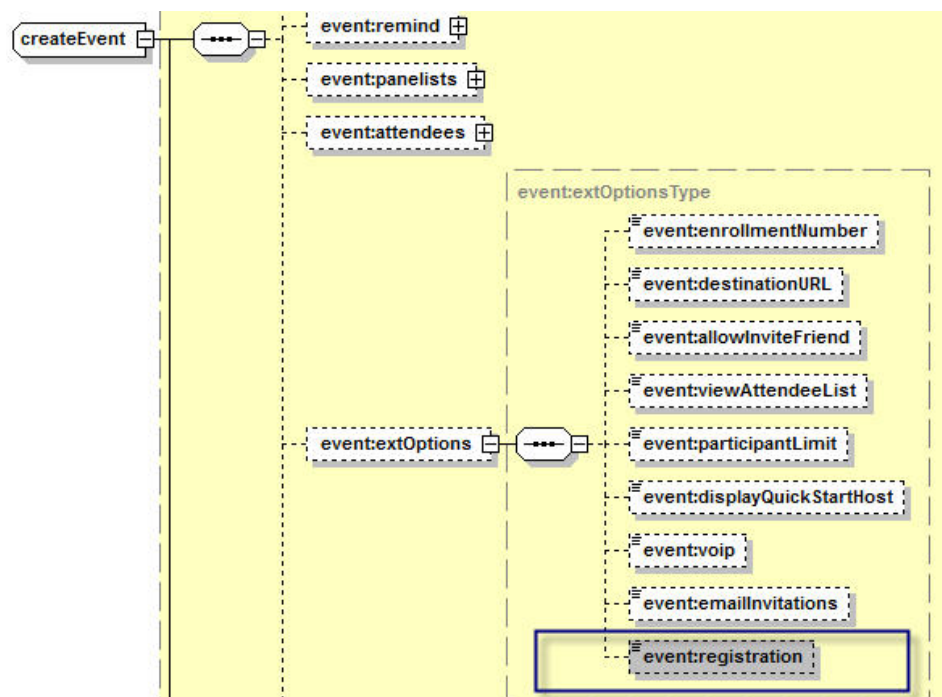
Create/Set/GetEvent, LstsummarySession, GetSessionInfo

Create/RegisterMeetingAttendee and emails related to EC

XML API 5.6 enhances Create/Set/GetEvent, LstsummarySession/GetSessionInfo so the Event Center registration functionality more closely matches the T27SP14 web page.

XSD Design

Create/SetEvent request and GetEvent request add element <registration>.



Element	Parent	Definition	Type	Default
registration	extOptions	Indicates whether the event requires registration	Boolean 0..1	For <accessControl><listing>PUBLIC, UNLISTED, <registration> default is true For <accessControl><listing>PRIVATE, <registration> default is false.

Logic

1. In xml5.6.0, for EC, the registration feature aligns with the T27LSP14 web page, except for the following conditions:

	EC web page	XML API	Comment
PRIVATE mapping to	Listed	UNLISTED	Create/SetEvent consider PRIVATE mapping to UNLISTED. listing type in GetEvent, LstsummarySession/GetSessionInfo response, the mapping follow web page
Default registration value of PRIVATE	False	True	

2. XML API before 5.6.0 supports the following use cases::

List Type	Page Shows
public with/without <enrollment> part	list and registration
unlisted with/without <enrollment> part	unlisted and registration
private without <enrollment> part	list and false registration
private with <enrollment> part throw exception "The event is a private one, so it does not need enrollment."	

Previous XML API releases did not support the 4th case: unlisted and <registration>false.

In xml5.6.0, we will support this case.

3. If <registration> is false (<listing>=PRIVATE), specifying <enrollment> or <enrollmentForm> is not allowed. Of Create/SetEvent request explicitly specifies <registration>false along with <enrollment> or <enrollmentForm>, then API will throw validation exception like "If registration as false, could not specify enrollment part".
4. Template cases for <registration> are also in scope.
5. Create/Set/GetEvent with registration features has relationship with programs. For the detailed, please refer to xml4.0.10 task#12440 -- Assigning Events to a Program.
6. LstOpenSession and LstsummaryEvent are unaffected by this upgrade.
7. For GetEvent/LstsummarySession/GetSessionInfo responses, we will remove PRIVATE list type, while keep PUBLIC and UNLISTED list types. Details as below:

Create/SetEvent without template cases <listing> + <registration> (in 4.x without regression element in request)	GetEvent/LstsummarySession /GetSessionInfo response <listing> in 4.x	GetEvent/LstsummarySession /GetSessionInfo response <listing> + <registration> in 5.6
PUBLIC + <registration>=true	PUBLIC	PUBLIC + <registration>=true

PUBLIC + <registration>=false	PUBLIC	PUBLIC + <registration>=false
PUBLIC + without specifying <registration>	PUBLIC	PUBLIC + <registration>=true
PRIVATE + <registration>=true	N/A	UNLISTED + <registration>=true
PRIVATE + <registration>=false	PRIVATE	UNLISTED + <registration>=false
PRIVATE + without specifying <registration>	PRIVATE	UNLISTED + <registration>=true
UNLISTED + <registration>=true	UNLISTED	UNLISTED + <registration>=true
UNLISTED + <registration>=false	UNLISTED	UNLISTED + <registration>=false
UNLISTED + without specifying <registration>	UNLISTED	UNLISTED + <registration>=true

Backward Compatibility

We removed the PRIVATE list type in list and get API command which to match webpage's design, though it may create a backward compatibility issue.

Use Case

1. Integration team calls CreateEvent with <listing>PRIVATE and <registration>false successfully.
2. Call LstsummarySession to list the event and will return <listStatus>UNLISTED and <registration>false.

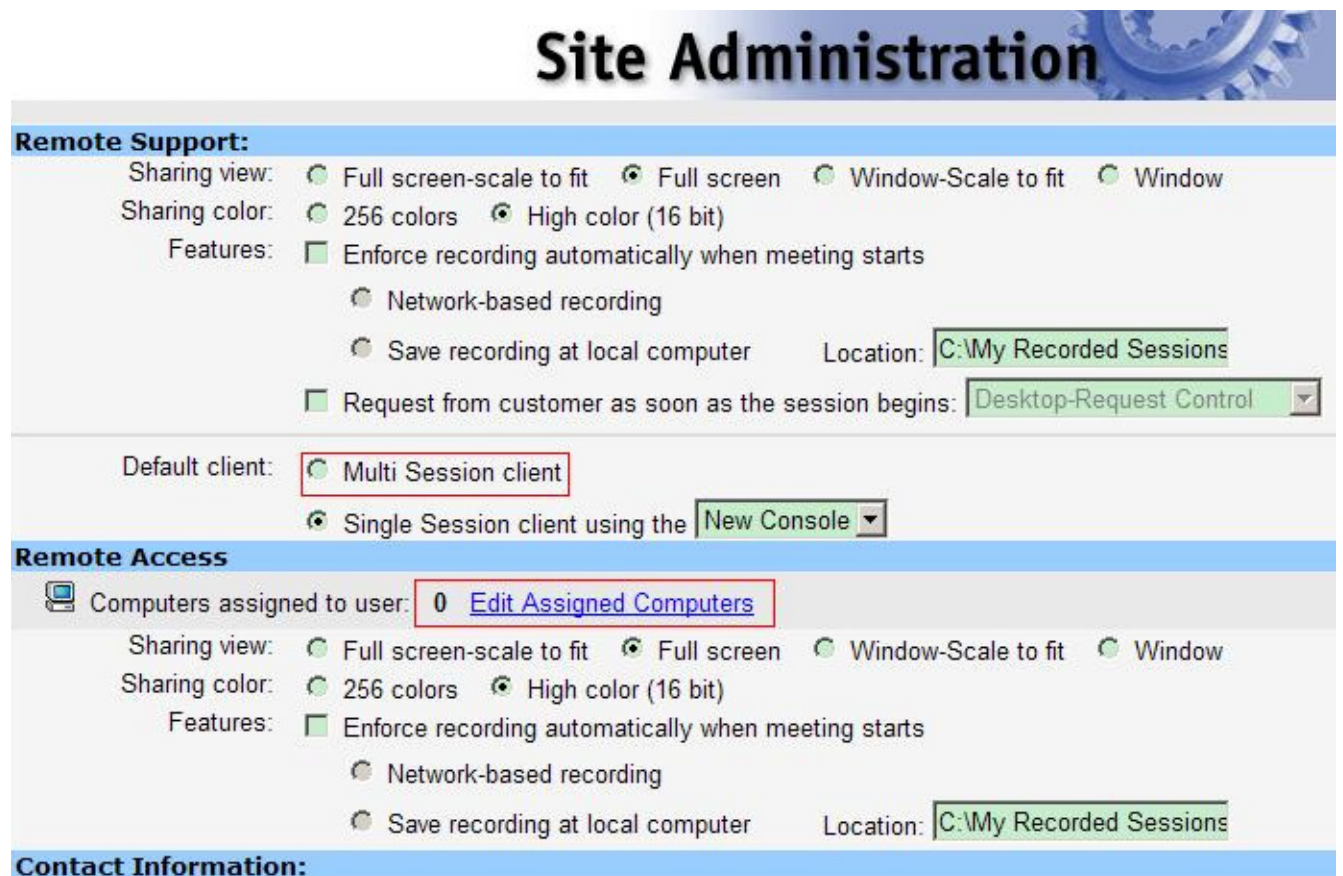
14253 - Add Remote Support & Remote Access settings for User

Management

Affected APIs:

Create/Set/GetUser

XML API 5.6 Create/Set/GetUser API will support below "Remote Support" and "Remote Access" section setting like Site Admin add/edit user Page as below:



Site Administration

Remote Support:
Sharing view: ☒ Full screen-scale to fit ☒ Full screen ☐ Window-Scale to fit ☐ Window
Sharing color: ☒ 256 colors ☒ High color (16 bit)
Features: ☐ Enforce recording automatically when meeting starts
☐ Network-based recording
☐ Save recording at local computer Location:
☐ Request from customer as soon as the session begins:

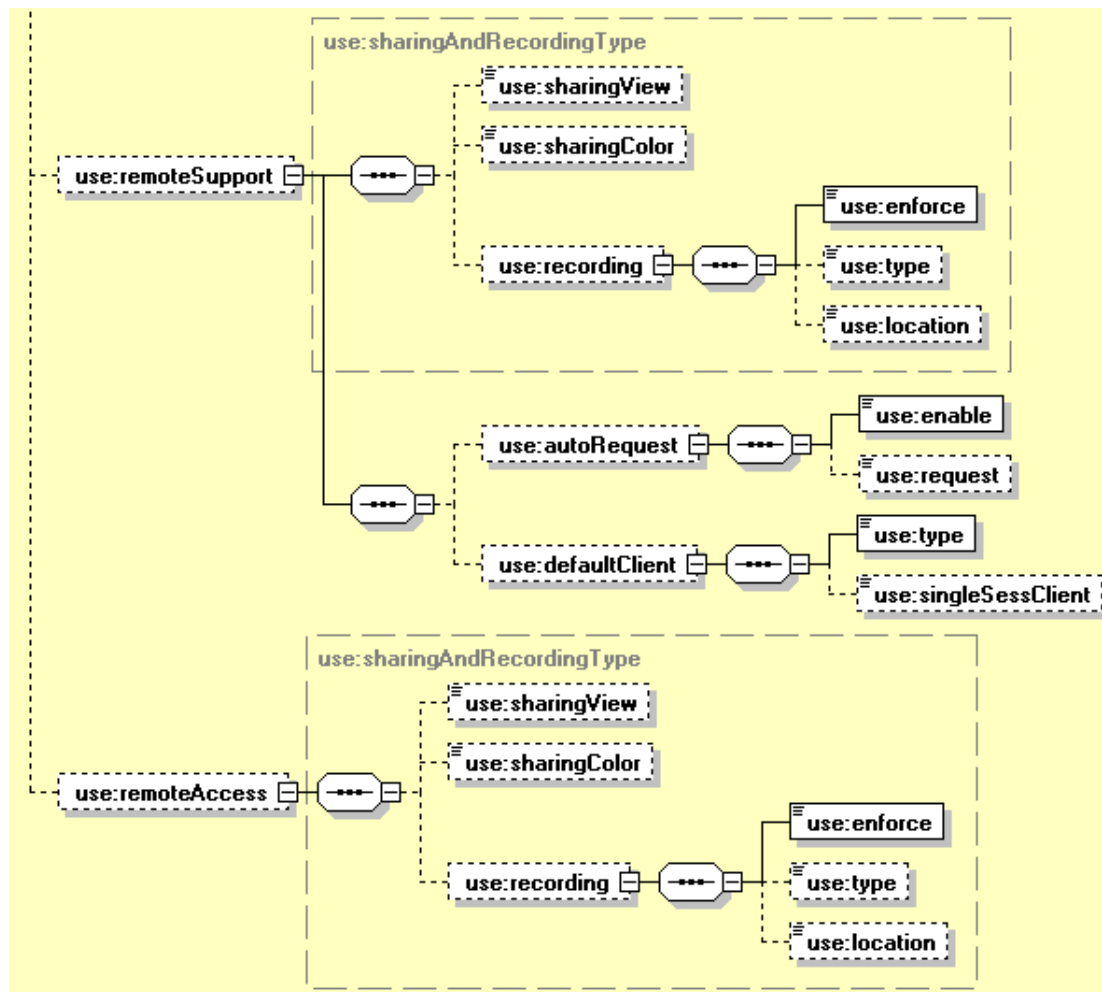
Default client: ☒ Multi Session client
☒ Single Session client using the

Remote Access
 Computers assigned to user: [Edit Assigned Computers](#)
Sharing view: ☒ Full screen-scale to fit ☒ Full screen ☐ Window-Scale to fit ☐ Window
Sharing color: ☒ 256 colors ☒ High color (16 bit)
Features: ☐ Enforce recording automatically when meeting starts
☐ Network-based recording
☐ Save recording at local computer Location:

Contact Information:

XSD Design

Create/Set/GetUser request & response adds the following elements:



Element	Parent	Definition	Type	Default
remoteSupport	root	holds Remote Support prefs	container, 0..1	
sharingView	remoteSupport	Sharing View	Enum, 0..1 {FS_SCALE,FS,WIN,WIN_SCALE}	From site level default
sharingColor	remoteSupport	Sharing Color	Enum, 0..1, {256, 16BIT}	From site level default
recording	remoteSupport	holds recording prefs	container, 0..1	From site level if entire <recording> not specified in request, else need specify sub element integrated
enforce	recording	Enforce recording automatically	Boolean, 1..1	
type	recording	Recording type	Enum, 0..1 {NBR, LOCAL}	
location	recording	Local recording location	String, 0..1	
autoRequest	remoteSupport	holds auto request prefs	container, 0..1	From site level if entire <autoRequest> not specified in request, else need specify sub element integrated
enable	autoRequest	Enable request when session begins	Boolean, 1..1	
request	autoRequest	Action to request from customer	Enum, 0..1, {DESK_VIEW, DESK_CTRL, APP_VIEW, APP_CTRL}	

defaultClient	remoteSupport	Hold default client setting	container, 0..1	From site level if entire <defaultClient> not specified in request, else need specify sub element integrated
type	defaultClient	Default client type	Enum, 1..1, {MULTI_SESS, SINGLE_SESS}	
singleSessClient	defaultClient	Single Session client console type	Enum, 0..1, NEW_CONSL, OLD_CONSL}	
remoteAccess	root	holds Remote Access prefs	container, 0..1	
sharingView	remoteAccess	Sharing View	Enum, 0..1 {FS_SCALE,FS,WIN,WIN_SCALE}	From site level default
sharingColor	remoteAccess	Sharing Color	Enum, 0..1, {256, 16BIT}	From site level default
recording	remoteAccess	holds recording prefs	container, 0..1	
enforce	recording	Enforce recording automatically	Boolean, 1..1	false
type	recording	Recording type	Enum, 0..1 {NBR, LOCAL}	NBR when site support NBR, otherwise LOCAL when site support
location	recording	Local recording location	String, 0..1	"C:\My Recorded Sessions\Remote Access"

Logic

- Create/SetUser specifies <remoteSupport> and <remoteAccess> related elements to save user's Remote Support and Remote Access setting. GetUser will return these setting by <remoteSupport> and <remoteAccess> elements with validating against to Site level like Create/SetUser does, if old data is invalid base on new site setting, then GetUser will adjust it or not return in response..
- Based on Site Admin Page's design, Create/SetUser will ignore below related invalid elements in request
 - If <recording><enforce>=false, API will ignore <type> and <location> under <recording>.
 - If <recording><type>=NBR, API will ignore <location> under <recording>.
 - If <autoRequest><enable>=false, API will ignore <request> under <autoRequest>
 - If <autoRequest><type>= MULTI_SESS, API will ignore <singleSessClient>.
- If CreateUser request specifies < remoteSupport ></ remoteSupport >, API will set default value for sub elements of < remoteSupport > if site support, similarly API will set related default value of <remoteAccess> if site support. As for SetUser API, if not specify in request, API will use old value instead of default value.
- If Create/SetUser request specifies <recording><enforce>=true but not specify <type>, API will throw validation exception (ID=999999, "type is required when enforce recording")
- If Create/SetUser request specifies <recording><type>=LOCAL, but not specify <location>, API will throw validation exception (ID=999999, "location is required when type is LOCAL").

6. If Create/SetUser request specifies <autoRequest><enable>=true but doesn't specify <request>, API will throw validation exception (ID=999999, "request is required when enable autoRequest")
7. If Create/SetUser request specifies <defaultClient><type>= SINGLE_SESS but not specify <singleSessClient>, API will throw validation exception (ID=999999, "singleSessClient is required when type is SINGLE_SESS")
8. Base on Site Admin Page's logic (only check site level privilege and doesn't check user level privilege), Create/SetUser will check following privilege logic
 - a) If request specifies <remoteSupport> element, but Site doesn't have Support Center service, then Create/SetUser will throw exception (exception ID=010045).
 - b) If request specifies <remoteAccess> element, but Site doesn't enable "SMARTtech", then Create/SetUser will throw exception (exception ID=010073).
 - c) If request specifies <recording><enforce>=true, but Site doesn't support "Recording Network-based" and "Recording and Playback", then Create/SetUser will throw exception (exception ID=010074),
 - d) If request specifies <recording><type>=NBR, but Site doesn't support "Recording Network-based" (exception ID=010077) or not enable "Allow Overage" (exception ID=010072), then Create/SetUser will throw exception,
 - e) If request specifies <recording><type>=LOCAL, but Site doesn't support "Recording and Playback", then Create/SetUser will throw exception (exception ID=010075).
 - f) If request specifies <remoteSupport>< autoRequest><enable>=true, but Site doesn't support SC3 (Remote Support Session) and sub SC3 session type or SC3 session type don't all enable following option, then Create/SetUser will throw exception (exception ID=110061),
 - i. Application view - Host requests
 - ii. Application control - Host requests
 - iii. Desktop view - Host requests
 - iv. Desktop control - Host requests
 - g) If request specifies <defaultClient><type>=MULTI_SESS, but Site doesn't enable "Enable Multi Session Client (For Remote Support Only)", then Create/SetUser will throw exception (exception ID=010076).
9. For some element's default value of "Remote Support" and "Remote Access", CreateUser will get from Site level's setting like Site admin Page does, for detail please check default value of XSD design above.
10. "Computers assigned to user" feature of "Remote Access" is not in scope.

14267- SetupOneClickSettings/GetOneClickSettings can specify internal/external meetings

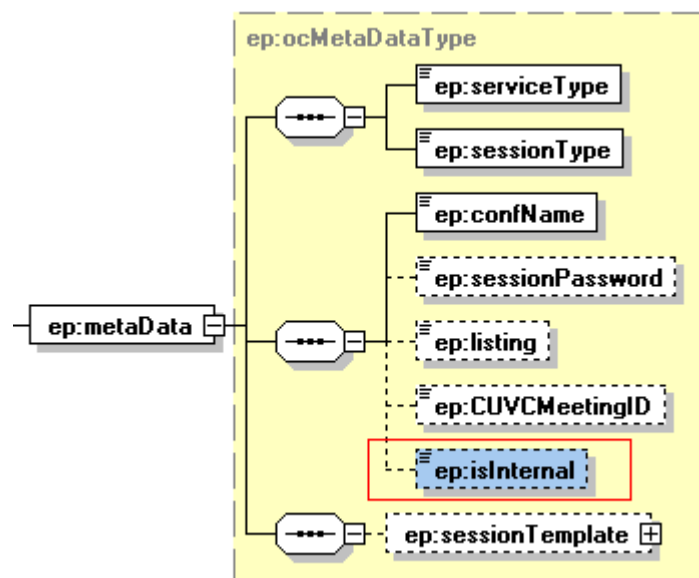
Affected APIs:

SetupOneClickSettings, GetOneClickSettings, Create/Set/GetMeeting

One Click XML API settings are updated to support customer premise internal meetings.

XSD Design

SetupOneClickSettings request and GetOneClickSettings response adds the following new element:



Element	Parent	Definition	Type
isInternal	metaData	Is internal or external meeting true = internal false = external	Boolean, 0..1

Backward Compatibility

- Before xml5.6.0, if site does not support internal feature, if CreateMeeting specifies <isInternal> as false, no exception is thrown. However, in xml5.6.0, <isInternal> as false stands for external, so for the case, will throw exception (exceptionID = 010071) "The site does not support internal meeting".
- Before xml5.6.0, if site supports internal feature, if CreateMeeting specifies <isInternal> as true, and specifies <voip> as true or <audioVideo> as true, no exception is thrown. However, in xml5.6.0, for the case, will throw validation exception "Internal meeting does not support VoIP or video".

Logic

1. External/Internal attendees & meetings are defined here:

Internal attendees	Attendees that are located within the enterprise (behind the enterprise firewall)
External attendees	Attendees that are located on the public internet
Internal meetings	Meetings that are homed to the on premise meeting place servers. These meeting may have only internal attendees
External meetings	Meetings that are homed to the cloud. These meetings may have external or internal attendees

2. In WebEx Site Configuration, there are 2 control options for external/internal feature, 1) Persistent TSP Adaptor 2) Enable WebEx Node for MCS. Only if both options are checked, external/internal features make sense,

Create/Set/GetMeeting API

1. Precondition checking: super admin whether enable "Enable WebEx Node for MCS" on MP (enable "Persistent TSP Adaptor") site, otherwise, error will be returned as former release.

	Request Specify	XML 5.6 Logic	XML 5.4 logic
CreateMeeting	If not specify isInternal	a. without session template case Default to user's privilege, if user allows external, set to external, otherwise, set to internal. b. with session template case Set isInternal base on template's value and be adjusted base on user's privilege.	a. without session template case set isInternal=false. b. with session template case set isInternal base on template's value.
	If specify isInternal=true	If request specify <voip>=true or <audioVideo>=true at the same time, API will throw exception, else CreateMeeting will set meeting to internal.	no extra checking except precondition checking
	If specify isInternal=false	If user not enable allow external meeting, then error will be returned (exception ID=030074), otherwise, CreateMeeting will set meeting to external.	without any checking and set isInternal=false
SetMeeting	If not specify isInternal	a. without session template case Set isInternal with old value. b. with session template case Set isInternal base on template's value and be adjusted base on user's privilege.	a. without session template case Set isInternal with old value. b. with session template case set isInternal base on template's value.
	If specify isInternal=true	If request specify <voip>=true or <audioVideo>=true at the same time, API	no extra checking except precondition checking

		will throw exception, else SetMeeting will set meeting to internal.	
	If specify isInternal=false	If user not enable allow external meeting, then error will be returned (exception ID=030074), otherwise, setMeeting will set meeting to external.	without any checking and set isInternal=false
GetMeeting		will return isInternal in response based on DB value	will return isInternal in response based on DB value

- For VoIP and video, xml5.6.0 has different behavior from FR14 web page. In FR14 web page, internal meeting does not support VoIP or video, while in xml5.6.0, to decrease BC scope, only one internal meeting case does not support VoIP or video, the case is: In Create/SetMeeting request specify <isInternal> as true, <voip> as true or <audioVideo> as true, for the case throw validation exception "Internal meeting does not support VoIP or video". For other case, we keep logic as before.
- OptionExternalAttendees value logic in template:
For system default meeting template, use Site Admin default setting.
For the old user level meeting template, there isn't OptionExternalAttendees in DB, use Site Admin default setting.

Schedule meeting with template:

Site	Host	Template Value	Meeting will be:
Normal	N/A	N/A	External
Internal	Internal	N/A	Internal
Internal	External	Empty	Same as site admin default setting.
Internal	External	ON	External
Internal	External	OFF	Internal

SetupOneClickSettings/GetOneClickSettings API

- If SetupOneClickSetting request specify <isInternal>=true, API will check as below, if site not enable below option, then API will throw exception (ID=010071)
 - Site need to be "Persistent TSP Adaptor" (MP) site.
 - Site need enable option "Enable WebEx Node for MCS".
- If SetupOneClickSetting request specify <isInternal>=true/false and <serviceType> is not MeetingCenter, then API will throw validation exception (ID=999999, "Only Meeting Center support internal/external meeting")
- If SetupOneClickSetting request specify <isInternal>=true & <voip>=true, API will throw validation exception (ID=999999, "Internal meeting does not support VoIP"), since internal meeting disable VoIP. As for video checking, since SetupOneClickSetting doesn't have video element, so SetupOneClickSetting will not check video limitation.

4. If SetupOneClickSetting request specify <isInternal>=false, API will check as below, If site not enable below option a and b, then API will throw exception (ID=010071), if user not enable below option c, then API will throw exception (ID=030074).
 - a) Site needs to be “Persistent TSP Adaptor” (MP) site.
 - b) Site need enable option “Enable WebEx Node for MCS”.
 - c) User need enable option “Allow external attendees”.
5. If SetupOneClickSetting request doesn't specify <isInternal> and first setup and with session template, then API will merge isInternal with template's value, if session template doesn't have isInternal item, then API will get default isInternal from site default option “Default MP external attendees (MC Only)” for MP site, If user update one-click setting, then API will get from old or template for <isInternal> element.
6. GetOneClickSettings will return <isInternal> with adjusted <isInternal> and related <voip> for MC service on MP site and site enable option “Enable WebEx Node for MCS”, otherwise, GetOneClickSettings will not return <isInternal> .

Use Case

Case 1

1. Outlook integration calls SetupOneClickSetting with <isInternal>=true/false on MP site.
2. SetupOneClickSetting API will save internal flag to DB as user's one-click setting.

Case 2

1. Outlook integration calls GetOneClickSettings API to retrieve user's one-click settings.
2. GetOneClickSettings will return internal element in response.

Case 3

1. MeetingPlace 8.0 calls CreateMeeting with <isInternal> as true.
2. Attendees that are located within the enterprise (behind the enterprise firewall) could join the meeting.

Case 4

1. MeetingPlace 8.0 calls CreateMeeting with <isInternal> as false.
2. Attendees that are located on the public internet could join the meeting.

14278 - Support 10 international languages for TC email templates

Currently XML API only supports the US email template. In this release we will extend to all email templates above listing.

TC email will support the following localized international languages on email template:

en_US, de_DE, es_ES, fr_FR, it_IT, ja_JP, ko_KR, pt_BR, sv_SE, zh_CN, zh_TW.

Backward Compatibility

The language of attendee's email follows web page's behavior when attendee doesn't have language, which is different than previous releases.

The comparison is shown below:

	Before XML API 5.6	XML API 5.6
Attendee's language of email	Attendee's email language hard code to en_US since only support English, except "Date & Time" section in email.	If attendee has language then Use attendee's language to send attendee's email. Else Use host's language to send attendee's email End if

Logic

1. TC email will support the multiple languages and in this release we focus on de_DE languages for the de_DE customers although other languages are supported in theory, but we can only make sure the de_DE quality.
2. TC email implement refers to J2EE page version T27L FR14, so all resource file we used is from it.
3. TC Mail will support the following languages list (besides en_US), de_DE, es_ES, fr_FR, it_IT, ja_JP, ko_KR, pt_BR, sv_SE, zh_CN, zh_TW, XML API will get the email template from Database and replace the tag with right value and send out..
4. About email template's language, to Host email template, XML API will use the meeting host's language to get the corresponding email template. To attendee email template, XML API will use the attendee's language (if has) to get the corresponding email template, otherwise will use the host's.
5. About the site URL as the #2 logic, to different participants XML API will get the corresponding site URL based on their languages (if has), otherwise will get the siteURL based on the host's.
6. To participants' name, if the language is in Asia locale, then the name format should be last Name first Name. the other locale the name should be first Name last Name.
7. To some tags, XML API existing behavior does not support it, so in this release, we still keep it is—not to support it.

8. To some upgrade and downgrade site case, XML API will ignore it and still keep the original logic (standard email template name) to get email template.
9. To session date and time, in host's email the session date is the session's date converting with session time zone. In participant's email the session date is the date converting with participant's time zone. Furthermore the style of date and time, it will be the format of different manner of the participant's region (base on the participant's language and country).
10. The time zone description will apply the standard time zone location described in resource file if present, and if the time zone is customized in site, the time zone description will apply the corresponding table.
11. Recurrence session will follow page logic using the resource file to descript the session date serial, a little change is weekday will be replace with the literal "weekday" of difference language but not the original list of the detailed each week day info.
12. About teleconference in email, XML API will use the value stored in resource to replace the hard coded labels, but the following labels will not use the resource file but use the DB values (toll number, toll free number..), to access number labels for host and attendee is specified in Super Admin with 'Host access code' or 'Attendee access code', then the label will be replace with the resource file's values. Otherwise use the DB values. See the following snapshot:

Two items in Super Admin

Display Name for Participant Access Code

Attendee access code

Display Name for Subscriber Access Code

Host access code T

Two items in TC email

Toll Free Call-in numberCall in toll number (China7):+860571-28-679
Toll Call-in numberCall in toll number (China1):(86057128926789)
Backup2 call-in toll number (US/Canada) 14468*:+86.0571.28
显示免费拨号限制: http://www.webex.com/pdf/tollfree_restrictions.pdf
Host access code T: 100 499 11
与会者访问码: 100 197 16

13. The detailed email template name as the following list:

Training Center
Confirmation of Training Session Cancellation
Training Session Information Updated
Training Session Scheduled
Training Session Scheduled (Irregular Sessions)
Invitation to Register for a Training Session
Invitation to Join a Training Session
Invitation to Join a Training Session to

Presenters
Attendee Registration Confirmed
Attendee Registration Pending
Attendee Registration Rejected
Invitation Retracted
Alternate Host Invitation
Training Session Rescheduled For Alternate Host
Updated Information For Alternate Host
Training Session Cancelled
Training Session Rescheduled
Updated Information to Join a Training Session
Updated Information to Register for a Training Session

14. The T27LFR14 TC page still does not support Swedish language. Although XMLAPI 5.6 can send the Swedish emails we cannot ensure the content will be grammatically correct.

Use Case

1. TC attendee invitation email should support German language in email content.

13522 – Allow scheduling recurring MC meetings ‘every N weeks’.

Affected APIs:

CreateMeeting, SetMeeting, GetMeeting, SetTeleconferenceSession, CreateTeleconferenceSession, GetTeleconferenceSession, LstsummarySession.

LstSummarySession is enhanced to retrieve meeting list for meeting with feature of N weekly recurrence. We now N weekly recurrence when create/edit/get Meeting Center and AUO type sessions.

Logic

- For two services of MC and AUO, XMLAPI supports feature of ‘every X week(s)’ below.

Recurrence: ☐ None ☐ Daily ☒ **Weekly** ☐ Monthly ☐ Yearly

Every week(s) on:

☐ Sunday ☒ Monday ☒ Tuesday ☒ Wednesday

☒ Thursday ☐ Friday ☒ Saturday

It is specified in element of <repeat><interval>. Its default value is 1. Its range is 1-99. If its value is out of range, XMLAPI throws validation exception, (“The weekly recurrence interval must be an integer number from 1 to 99.”)

When create/set two kinds of meeting (Meeting Center and AUO), to create/set meeting with feature of ‘every X week(s)’, data of request should be set as follows

- <repeat><repeatType> is specified as WEEKLY.
- <repeat><interval> is specified as value that is within 1 to 99.
- <repeat><dayInWeek> contains at least one of <day> list below.

<day>SUNDAY</day>
<day>MONDAY</day>
<day>TUESDAY</day>
<day>WEDNESDAY</day>
<day>THURSDAY</day>
<day>FRIDAY</day>
<day>SATURDAY</day>

- When <recurrence> is specified as true, LstSummarySession is enhanced to calculate meeting list for the retrieved meeting with feature of N weekly recurrence, and to return it.

3. For two APIs of CreateMeeting/CreateTeleconferenceSession, to keep back compatibility for feature of every N weekly, XMLAPI takes special action for two cases.
 - 1) In request, specify <repeatType>WEEKLY</repeatType>, do not specify <interval>, XMLAPI set 1 as default value of interval.
 - 2) In request, specify <repeatType>WEEKLY</repeatType>, do specify <interval></interval>, XMLAPI throws error (The weekly recurrence interval must be an integer number from 1 to 99. ID = 999999) instead of the previous error (Interval incompatible with repeatType:WEEKLY. ID = 999999).
4. For two APIs of SetMeeting/SetTeleconferenceSession, to keep back compatibility for feature of every N weekly, XMLAPI takes special action for two cases.
 - 1) In request, specify <repeatType>WEEKLY</repeatType>, do not specify <interval>, if old value of interval < 1 or no old value, XML API should set 1 as the default value of interval, otherwise, SetMeeting/SetTeleconferenceSession API will keep old value of interval.
 - 2) In request, specify <repeatType>WEEKLY</repeatType>, do specify <interval></interval>, XMLAPI throws error (The weekly recurrence interval must be an integer number from 1 to 99. ID = 999999) instead of the previous error (Interval incompatible with repeatType:WEEKLY. ID = 999999).

Use Case

Case 1

- Create MC/AUO with feature of every 2 weeks, data details of element <repeat> as follows,

```
<repeat>
  <repeatType>WEEKLY</repeatType>
  <interval>2</interval>
  <dayInWeek>
    <day>MONDAY</day>
    <day>SATURDAY</day>
  </dayInWeek>
</repeat>
```

Case 2

- Update MC/AUO with feature of every 2 weeks, data details of element <repeat> as follows,

```
<repeat>
  <repeatType>WEEKLY</repeatType>
  <interval>2</interval>
  <dayInWeek>
    <day>MONDAY</day>
    <day>SATURDAY</day>
  </dayInWeek>
</repeat>
```

```
</dayInWeek>
</repeat>
```

Case 3

- Create MC/AUO with feature of daily (workday) , data details of element <repeat> as follows,

```
<repeat>
  <repeatType>DAILY</repeatType>
  <afterMeetingNumber>10</afterMeetingNumber>
  <dayInWeek>
    <day>MONDAY</day>
    <day>TUESDAY</day>
    <day>WEDNESDAY</day>
    <day>THURSDAY</day>
    <day>FRIDAY</day>
  </dayInWeek>
</repeat>
```

Case 4

- Update MC/AUO with feature of daily (workday), data details of element <repeat> as follows,

```
<repeat>
  <repeatType>DAILY</repeatType>
  <afterMeetingNumber>10</afterMeetingNumber>
  <dayInWeek>
    <day>MONDAY</day>
    <day>TUESDAY</day>
    <day>WEDNESDAY</day>
    <day>THURSDAY</day>
    <day>FRIDAY</day>
  </dayInWeek>
</repeat>
```

Case 5

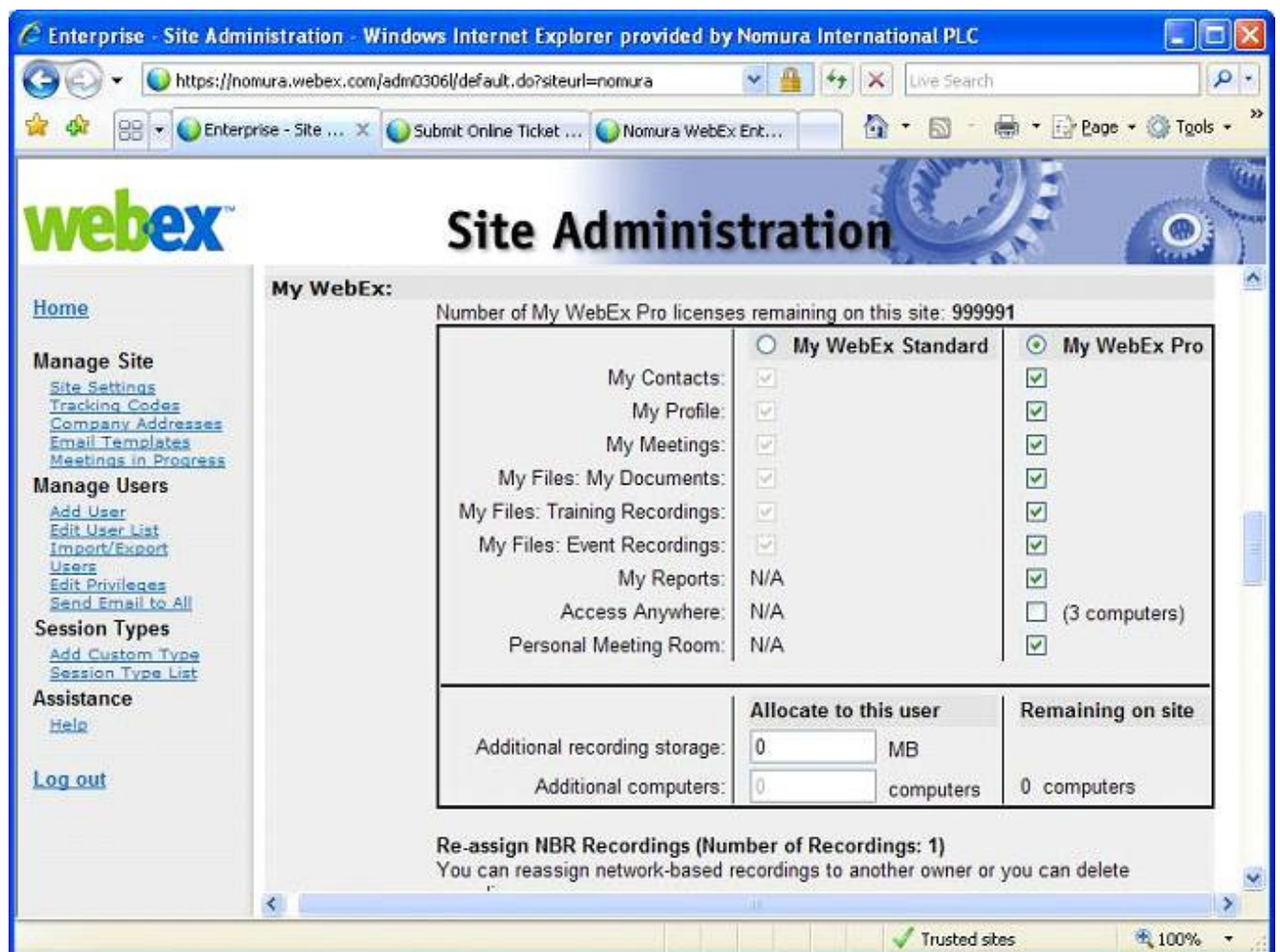
- LstsummarySession get meeting list for meeting with feature of N weekly recurrence.

14314 – Create/SetUser to enable/disable Access Anywhere for user

Affected APIs:

Create/Set/GetUser

We need the ability to enable or disable Access Anywhere for users via the XML API as is possible in the Site Admin tool.



Before XML API 5.6, Create/Set/GetUser API supported enabling Access Anywhere by element `<myWebEx><myComputer>`.

XML API 5.6 will enhance `<myWebEx><myComputer>` element in Create/Set/GetUser API to support disabling feature.

Logic

<code><myWebEx><myComputer></code>	Create/SetUser	GetUser	Comments
--	----------------	---------	----------



Not specify or Value<0	CreateUser get value from site level, SetUser set with old value	Return site level value or old value.	Former logic
Value=0	To disable Access Anywhere	Access Anywhere s disabled	Support in XML API 5.6
Value>0	To enable Access Anywhere	Access Anywhere is enabled	Former logic

Use Case

1. Integration calls SetUser with <myWebEx><myComputer>=0 to disable Access Anywhere for a certain user.
2. GetUser return <myWebEx><myComputer>=0 indicate that user's Access Anywhere feature is disabled.

14348 – Return TC registration data for

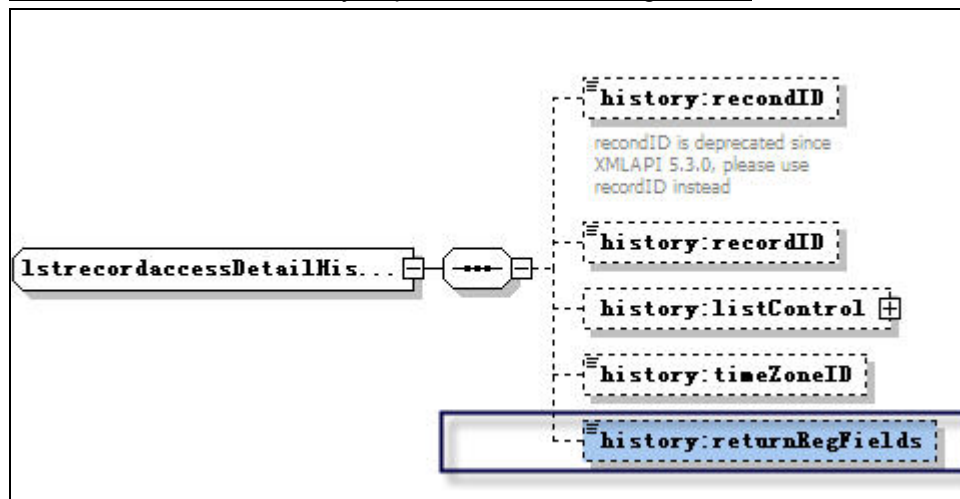
LstrecordaccessDetailHistory

Affected APIs: LstrecordaccessDetailHistory

LstrecordaccessDetailHistory will return user registration data, including standard fields and customized fields for Training Center sessions.

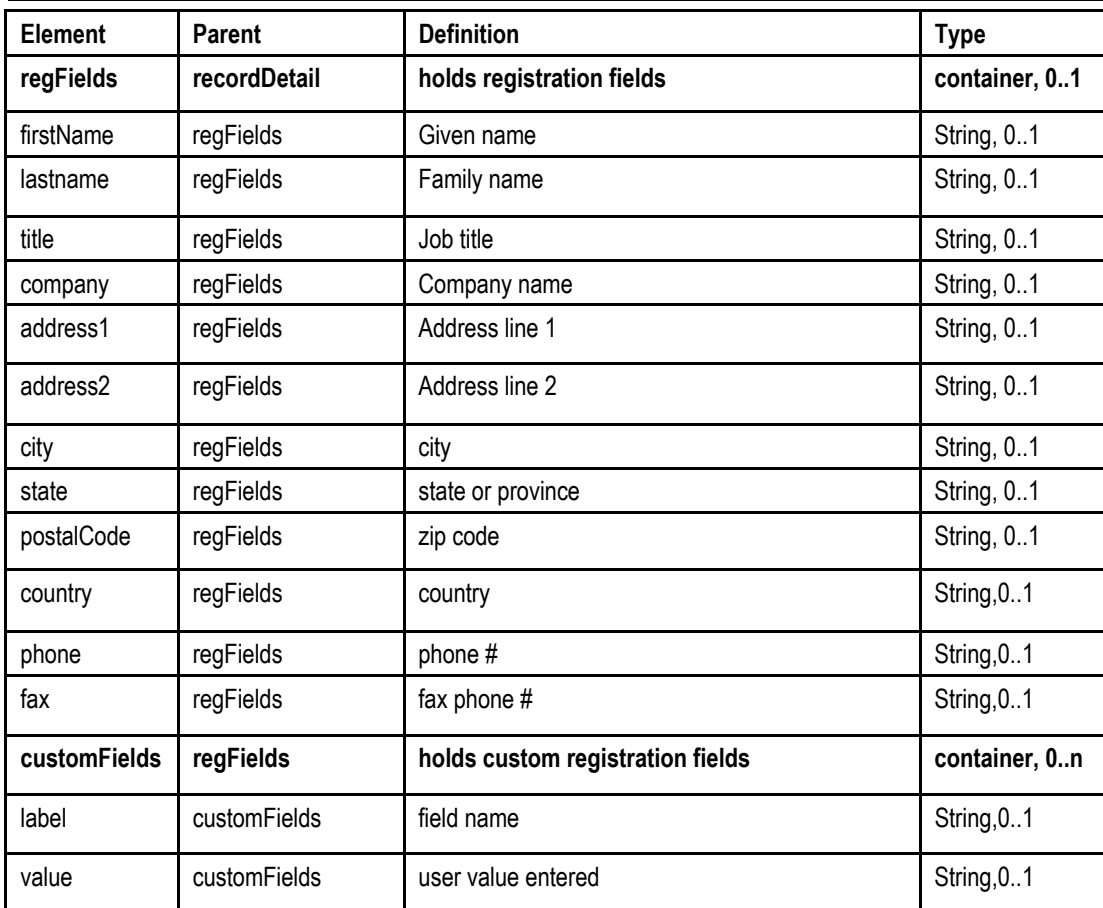
XSD Design

LstrecordaccessDetailHistory request adds <returnRegFields>:



Element	Parent	Definition	Type	Default
returnRegFields	LstrecordaccessDetailHistory	whether to return registration fields.	Boolean, 0..1	false

LstrecordaccessDetailHistory response adds below elements:



LstrecordaccessDetailHistory performance will be slower when request specify <returnRegFields>=true and there are many custom fields and attendees viewed the recording.

Logic

1. This task only enhances return access detailed history for registration data in TC, other services are not in the scope.
2. In My Files->My Recordings ->Training Sessions, Hosts can select a recording customize the registration form that user's fill out when viewing a recording. See the form below:

Customize Registration Form

Based on form:

Registration Options

Check the boxes of the following fields that you would like to appear in the registration form. Fields can be set to be optional or required.

Standard Options

- | | |
|--|--|
| ☒ ☐ | ☒ ☐ |
| ☒ ☐ First name | ☒ ☐ Address 2 |
| ☒ ☐ Last name | ☒ ☐ City |
| ☒ ☐ Email address | ☒ ☐ State/province |
| ☒ ☐ Title | ☒ ☐ ZIP/postal code |
| ☒ ☐ Company | ☒ ☐ Country/region |
| ☒ ☐ Address 1 | ☒ ☐ Phone number |
| ☒ ☐ FaxNumber | |

My Custom Options

- | | |
|--|---|
| ☒ ☐ | ☒ ☐ |
| ☒ ☐ text box test multi | |
| ☒ ☐ check box test | |
| ☒ ☐ radio button test | |
| ☒ ☐ drop down list | |

Select the options that you want to add on the registration form
Text Box Check Boxes Radio Buttons Drop-Down List

When users register to view a TC recording their registration data is currently returned in the My Reports->Recorded Training Access Report, detailed view (see below).

Recorded Training Access Detail Report

Session detail for dorissp1 host recording

[Printer-friendly format](#)

All sessions in Pacific Standard Time (San Francisco, GMT-08:00)

Participant 1

Name:	doris attendee	Email:	test@webex.c
Registered:	Yes	Registration date:	3/2/10
Download:	No	Viewed:	Yes
Date:	3/2/10	Access time:	12:22 am
Phone number:	1*555555	Company:	company
Title:	title	Address 1:	address1
Address 2:	address2	City:	city
State/Province:	state	ZIP/Postal code:	postal code
Country:	United States of America	Fax number:	
text box test multi:	I am in text box eventually. So hard journey	check box test:	1,2,3,4
radio button test:	5	drop down list:	5

- In LstrecordaccessDetailHistory request, we add element <returnRegFields>, default value is false. If specify as true, will return info same as XML API 5.5.0 and new added <regFields>. If not specify or specify as false, will only return info same as XML API 5.5.0. This element design is for performance concern, for <regFields> will involve more database access.
- Email address in registration fields we have already returned in <recordDetail><participantEmail>. In XML API 5.6.0, we do not define in <regFields> once again. If customer wants to get email address, suggest getting from <recordDetail><participantEmail>.
- For <fax>, we define the element, however, no value will be returned, and the logic is consistent with web page.
- LstrecordaccessDetailHistory will return other info defined in <regFields>, and values are the same displayed in above snapshot in T27L web page. For host self view records, LstrecordaccessDetailHistory will not return < customFields > since host self without entrance on web page to register self registration questions,

Use Case

- Add training recording requiring registration in web page.
- Attendee registers the recording and playbacks/downloads the training.
- LstrecordaccessDetailHistory with <recordID> returns related attendee registration data.

14440 – CreateMeetingAttendee to register EC attendee when registration not required

Affected APIs: CreateMeetingAttendee

In XML API 4.9.1, CreateMeetingAttendee will register an attendee even if an EC session was scheduled w/"Registration: Required" unchecked in the web page.

Schedule an Event

Basic Information:

* Event type: Event Template:

* Event name: ?

☒ Listed ☐ Unlisted

☐ Delete from My Meetings when completed

Registration: ☒ Required

* Event password: The password must be at least 6 characters.

* Confirm password:

Program: [Add a new program](#)

In XML API 5.x, the CreateMeetingAttendee behavior was changed to closely match the EC web page. Now if "Registration:Required" is unchecked then the attendee is invited but not registered. This broke backward compatibility for some integrations.

We need to re-enable the behavior from 4.9.1 for CreateMeetingAttendee in XML API 5.6

Logic

- When integration user call CreateMeetingAttendee to register to an event with <joinStatus> = ACCEPT, and the event is not Registration required, then XML API will set the joinStatus to ACCEPT.
- The change scope is limited to CreateMeetingAttendee for EC service and when request specified <joinStatus> = ACCEPT, send email behavior will not change, the detailed change see column V5.6.0 in following matrix table.

CreateMeetingAttendee		V4.9.1	V5.0-V5.5.0	V5.6.0
joinstatus for attendee(registration=true)	default join status	ACCEPT	INVITE	INVITE
	INVITE	ACCEPT	INVITE	INVITE
	REGISTER	ACCEPT	ACCEPT	ACCEPT
	REJECT	ACCEPT	ACCEPT	ACCEPT

	ACCEPT	ACCEPT	ACCEPT	ACCEPT
joinstatus for attendee(registration=false)	default join status	ACCEPT	INVITE	INVITE
	INVITE	ACCEPT	INVITE	INVITE
	REGISTER	ACCEPT	INVITE	INVITE
	REJECT	ACCEPT	INVITE	INVITE
	ACCEPT	ACCEPT	INVITE	ACCEPT
joinstatus for panelist	all kinds of joinstatus	INVITE	INVITE	INVITE
email	private event/registration=false	Invitee Invitation for Private Event	Invitee Invitation for Private Event	Invitee Invitation for Private Event
	joinstatus=ACCEPT(public/unlisted event)	Enrollment Approved	Enrollment Approved	Enrollment Approved
	joinstatus=INVITE(public/unlisted event)	N/A	Invitee Invitation for Public or Unlisted Event	Invitee Invitation for Public or Unlisted Event

Use Case

1. Host goes to EC web page and schedules meeting with "Registration: Required" unchecked.
2. Integration calls LstSummaryMeeting to retrieve and display scheduled events.
3. Integration allows attendees to select events and register for them by calling CreateMeetingAttendee with attendee name, address and phone number specified.
4. Integration allows attendees to join event with URL API m.php?AT=JE with FN, LN, AE, JPW specified but not EI.
5. After the event, integration calls LsteventAttendeeHistory and retrieves the attendee registration data that was specified in CreateMeetingAttendee.
6. Go to the EC webpage, see the registration reports.



	XML API 5.6.0 Release Notes	Rev.	1	Date	10-1-2010
		Page	27 of 29		

Bug Fixes



375591 - LstsummarySession performance issue with alternate host

**# 383761- LstsummarySession returns SQL exception when only
<startDateEnd> specified**

378759 - SetUser failing to activate user after telephony domain deactivated

**# 387371- LsteventsessionHistory, LstmeetingusageHistory,
LsttrainingsessionHistory, LstsupportsessionHistory, LstsalesSessionHistory
performance issues**

**# 389452- JoinMeetingURL returns InvalidMeetingKeyOrPassword (instead of
prompting for Meeting PW) when meetingPW not specified Affected APIs:**

Appendix

New Exceptions

Name	ID	Message
UserNotSupportExternalMeetingException	030074	The user does not support external meeting
SiteNotSupportRecordingOverageException	010072	The site does not support unlimited overage of recording storage allocation
SiteNotSupportSmartTechException	010073	The site does not support SMARTtech
SiteNotSupportRecordingException	010074	The site does not support network-based recording and recording playback
SiteNotSupportRecordingPlaybackException	010075	The site does not support recording playback
SiteNotSupportMultiSessClientException	010076	The site does not support multi session client
SiteNotSupportNBRRecordingException	010077	The site does not support network-based recording
NotSupportSCFastSharingException	110061	The Application view/control-Host requests and Desktop view/control-Host requests of SC3 session type are not supported