

3. Conference Rooms

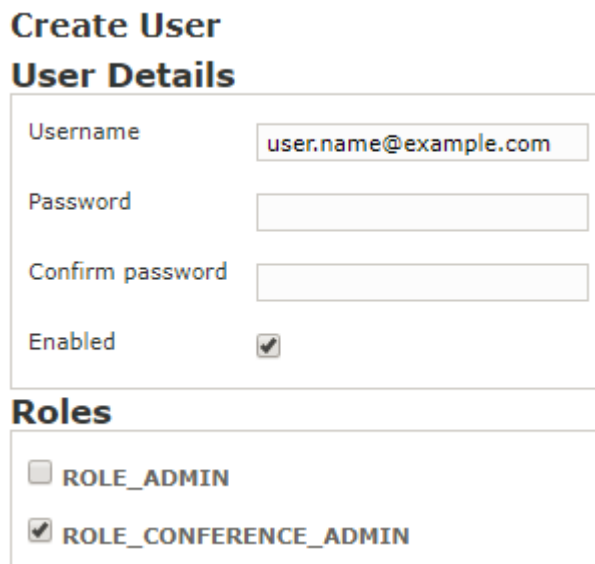
Enterprise Voice Security Suite supports conference rooms: every PrivateWave 's user dials in the conference room number and can listen and talk to other participants. Access to conference rooms can be protected by a PIN number or open only during specific time windows.

It is no possible to define in advance the proper number of user in a conference, because quality of audio depends on many factors

- the number of participants: every participant can add some noise to the overall call. Despite noise reduction algorithms, both in client and server, it is not possible to completely remove noise. If noise degrades quality, we suggest to temporary mute clients whenever is possible.
- environment noise: some participants can be in silent rooms or on the street. The amount of noise introduced by them is variable. If noise degrades quality, we suggest to temporary mute clients whenever is possible.
- server sizing: server's CPU resources should be sized depending on the number of concurrent calls AND audio codec used. In order to properly size your server according to conferencing requirements, refer to [Appendix C - Server Sizing](#): keep in mind that each participants counts - roughly - as half call. For the sake of clarity, a call with 8 participants have the same load on CPU as 4 concurrent calls.

3.1 Conference administrator

All web users with the ROLE_CONFERENCE_ADMIN right are able to manage Conference Rooms. Refer to [3.0 Administrative Roles and Users](#) in order to properly configure web users. It is possible to create ad hoc users for conference administration that can access PrivateServer in order to manage conference rooms. This kind of users has to be created with an email address as the username and the ROLE_CONFERENCE_ADMIN right:



Create User

User Details

Username:

Password:

Confirm password:

Enabled: ☒

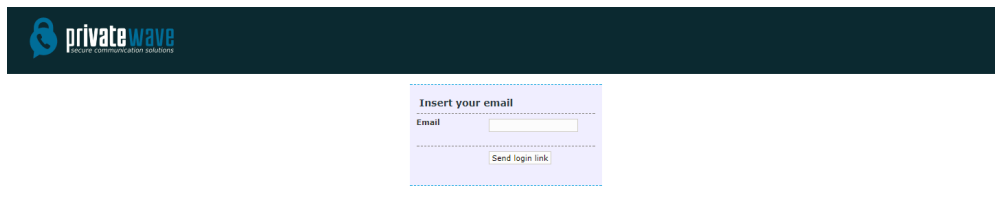
Roles

☐ ROLE_ADMIN

☒ ROLE_CONFERENCE_ADMIN

figure 1. Create Conference Admin

Next step is that the user accesses PrivateServer with his email at the following URL: https://<server_FQDN>/conferenceAdmin/login :



privatewave
secure communication solutions

Insert your email

Email:

[Send login link](#)

figure 2. Conference Admin Login

Once the user is logged in he will receive a secure link to access the Conference Rooms administration page.

3.2 Create

Click on the "Conference Rooms" link in the left sided menu to get the "Conference Room List" page.

Conference Room List

Conference Number ▲	Start time	End time	PIN	Details

figure 3. Conference Room List Page.

Create a new Conference Room clicking on the **New Conference Room** icon above the List table.
The **Edit Conference Room** page will be shown, containing a form like the one below.

Create Conference Room


Number #	<input type="text" value="0"/>				
PIN	<input type="text"/>				
Scheduled	<input type="checkbox"/>				
Start Time	<input type="text" value="11"/>	<input type="text" value="May"/>	<input type="text" value="2015"/>	<input type="text" value="12"/>	<input type="text" value="39"/>
End Time	<input type="text" value="11"/>	<input type="text" value="May"/>	<input type="text" value="2015"/>	<input type="text" value="12"/>	<input type="text" value="39"/>
 Create					

figure 4. Create Conference Room

To correctly create a new conference room just insert into the **Name** field a number to be called and, if needed, a security pin to be dialled before entering the room.

Also you can choose a time window to have the room open. The graphical interface is pretty straightforward.

After you've done you can click on the "Update" icon on the page's bottom to commit your setup.

Conference Room List

Conference Number ▲	Start time	End time	PIN	Details
12345			1111	

figure 5. New Conference Room listed

You'll be redirected back on the "Conference Room List" page, whom table will show the new room you've just created.

A notice warns you about the operation performed.

3.3 Edit

Click on the room's "Name" field to read again the room's setup.

Then you can change any field and click again on the **Setup** button. The new values are shown into the Conference Room's table.

Edit Conference Room

Number #	<input type="text" value="12345"/>
PIN	<input type="text" value="1111"/>
Scheduled	<input type="checkbox"/>
Start Time	<input type="text" value="21"/> <input type="text" value="novembre"/> <input type="text" value="2017"/> <input type="text" value="17"/> : <input type="text" value="29"/>
End Time	<input type="text" value="21"/> <input type="text" value="novembre"/> <input type="text" value="2017"/> <input type="text" value="17"/> : <input type="text" value="29"/>



 **Update**  **Delete**

figure 6. Edit Conference Room

3.4 Delete



Click on the **Name** of the **Conference Room** to go to the **Edit Conference Room** page. To drop the room just push the **Delete** button that is placed near the **Update** one. A pop-up windows will appear asking for confirmation. Select the "Ok" button or just press Enter key on your keyboard to confirm. Now the Conference Room List shows no more the deleted Room.

3.5 Manage

A conference administrator can, by accessing PrivateServer with its credentials, view active conferences and related details:

- phone number associated with conference call
- number of participants
- start time and end time in case of scheduled conference

Conference administrator is able to send an invitation link to the conference call to extend the call to other participants clicking on **Send Invitation** link in conference details view:

 **Home**  **Send invitation**

Conference room 12345 >> Users

UserId	Owner	Username	Virtual Phone Number
Item to show <input type="text" value="10"/> Refresh			

Conference room 12345 >> Send invitation

Owner	Username	Virtual Phone Number	Virtual Phone Number (secondary)	Account Type	Last Status	
iPhone 6s	863385836	+39311127557		PGSM	Activated	Invitation SMS - Email
iPhone 6s	708668837	1234567		SNOM	Created	Invitation SMS
GNote3	387930718	+391122334455		PGSM	Activation message sent	Invitation SMS - Email
GNote4	434038488	+39111111111	0011111111	PGSM	Activated	Invitation SMS - Email
s7 edge	510071507	123123		PGSM	Activated	Invitation SMS - Email
Android	298225409	1234		PGSM	Activated	Invitation SMS - Email
[No owner]	137893001	318123456	321567890	PGSM	Activated	Invitation SMS - Email
Manlio (Personale)	635286728	3332944742		PGSM	Activated	Invitation SMS - Email
iPhone 6s	987759011	+39366789010		PGSM	Activated	Invitation SMS - Email
iPhone 6s	959131616	+39333333333		PGSM	Activated	Invitation SMS - Email
samsung s6 edge	753311651	987654321		PGSM	Activated	Invitation SMS - Email
samsung s5	163574892	2233445566		PGSM	Activated	Invitation SMS - Email
iPhone s6	158280928	+39333333333		PGSM	Activated	Invitation SMS - Email
samsung note 3	220886790	123123567		PGSM	Activated	Invitation SMS - Email

figure 7. Send Invitation to Conference

The is sent to the recipient's terminal and, once opened, it automatically activate the PrivateWave client and connect the user to the conference call.

For each conference call, the admin is able to access the detail page clicking on the **Details** link, where he can see a full list of participants in the conference call, with the possibility of taking actions on them (mute - unmute - kick):

Conference room 12345 >> Users

UserId	Owner	Username	Virtual Phone Number		
1	iPhone 6s	987759011	+39366789010		
2		726018498	+39333333333		

Item to show

figure 8. Conference Participants

2. Accounts

4. Administrative Roles and Users