

Manage VCCG Instances

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Select **VCCG Instances** on the Admin Console menu bar to view or manage the VCCG instances in your VCC domain.

Status	ID	Name	Version	7 days ago	Connection History	Now	Actions
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ADD VCCG INSTANCE

Networking Requirements

The VCCG instance will need to either have a public IPv4 address (not common), or ports NAT-forwarded to the VCCG instance (most common). The VCCG instance should be accessible from inside the network as well.

UDP Ports 20000-21000 should be forwarded to the VCCG server instance. This allows for the browsers outside of the firewall to send SRTP (secure real-time protocol) packets directly to the VCCG instance.

Add VCCG Instance

Add a VCCG Instance by clicking on the **Add VCCG Instance** button in the top right.

New VCCG Instance

Name:

External IP address:

Auto (detect on each connect)

Manual:

- **Name:** This is a name that you can assign to this instance for your own use. Use a name that makes sense to you.
- **External IP Address:** In order for browsers to make softphone VOIP calls, an external IPv4 address must be exposed for the VCCG instance. The VCCG Instance will make a connection to VCC once it is paired, and will maintain this connection at all times for signaling. Voice and Video traffic must travel between the browser and the VCCG Instance directly. The browser application will need an IP address that it can send voice and video data to. Choose one of the following options:
 - **Auto:** When the VCCG Instance connects to VCC for signaling, VCC will detect the IPv4 address that it connected from. All voice and video data will be sent to this address. Use this if using symmetrical routing in your network.
 - **Manual:** This is the most common selection, and requires you to enter the public IPv4 address that is forwarded to your VCCG instance.

VCCG Instances						ADD VCCG INSTANCE
Status	Name	Version	7 days ago	Connection History	Now	Actions
Not Paired	Acme VCCG 1					Pair Edit Delete

This will create a VCCG Instance.

Pair VCCG Instance

The next step is to pair the VCCG instance. Pairing a VCCG instance allows for VCC to uniquely identify the VCCG instance when it connects. Click **Pair** under the Actions column.

The screenshot shows the VCCG Instances table with the status 'Pending Pair' for 'Acme VCCG 1'. A modal dialog is displayed over the table, titled 'Pairing code:'. Inside the modal, there is a text input field containing the code '8V2VSJJY' and a blue 'OK' button below it.

This creates a pairing code to type into the console of the VCCG instance. Once paired, the VCCG Instances page will look similar to:

VCCG Instances						ADD VCCG INSTANCE
Status	Name	Version	7 days ago	Connection History	Now	Actions
Up for a few seconds	Acme VCCG 1	1.0.0.1236				Unpair Edit Delete

That is it for adding a VCCG Instance. If you would like to change the name, or modify the External IP Address, select **Edit** from the Actions column.

The VCCG Instance can also be unpaired or deleted.