Caching Server Setup

Version 1.9

October 2024

FOR PROFESSIONAL USE ONLY

Caching Server Configuration

1. Using an Ubuntu Server 24.04.x https://ubuntu.com/download/server [22.04.x and 20.04.x also supported]
   - With static IP addresses as needed
   - Make sure ssh is enabled
2. DHCP server and/or iptables for routing as needed

cSlide Admin:

1. Under Setup -> Setup -> Event, click on the **"Grant access"** button located under "Grant access for caching server"
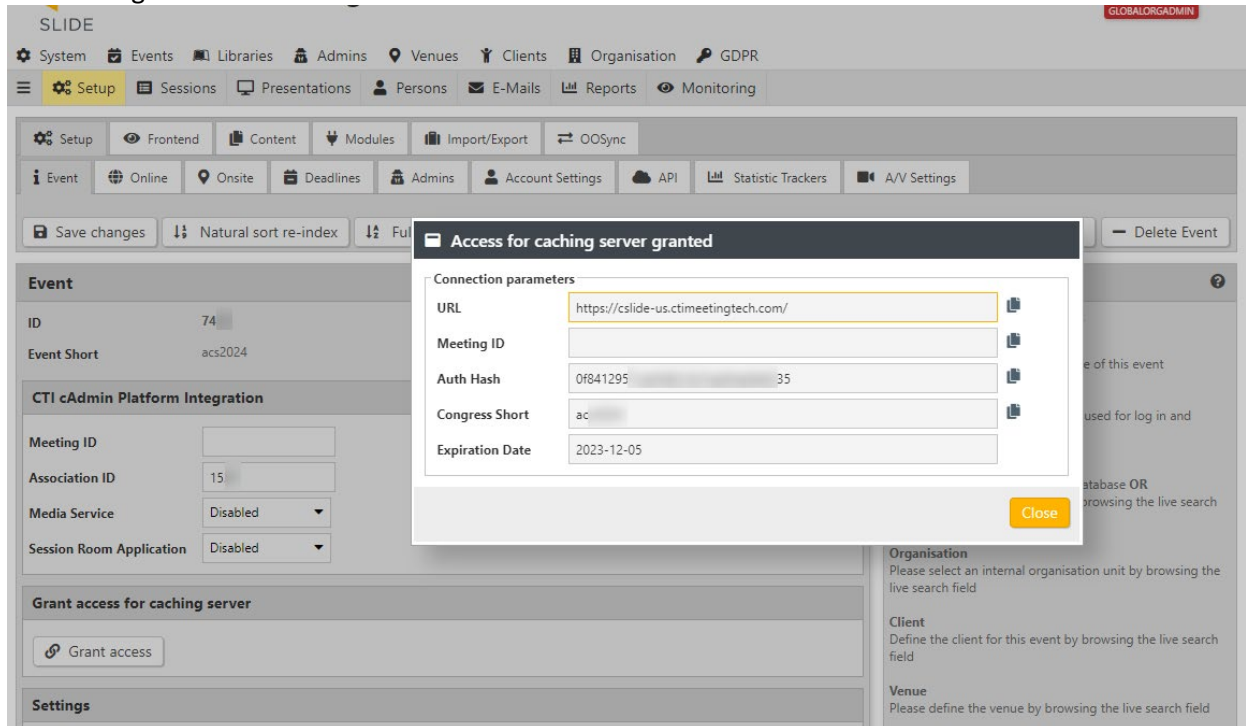
2. Please keep the **Meeting ID, Auth Hash,** and **Congress Short** accessible during the caching server setup. You can leave this information open as long as needed for the setup process. **Be aware that the Auth Hash will only be displayed once!**

Setup from clean install:

1. Log in as the default user which has sudo permissions
2. Execute the system setup script in the command line:
   ### sudo bash -c "$(curl -LsS https://ctitech.click/v6za1bw)"
3. Click Y to proceed with system fetcher process
   a. If you did not continue with the system fetcher, you can execute it separately using the below:
   ### sudo bash -c "cd /root; $(curl -LsS https://ctitech.click/za4skmb)"
4. Enter the cSlide event short code, meeting ID from cOASIS and cSlide auth hash (from above) when prompted
5. When the system fetcher process completes, an AUTH HASH will be displayed. This meeting & server specific value needs to be documented for use in step
6. ----- wait a few minutes for the first sync to complete ----
7. Open the status page in the browser (Google Chrome) and replace "<AUTH-HASH>" in the below with the value you documented in Step 5
   http://<IP-ADDRESS>/status/<AUTH-HASH>

**cSlide/cAdmin Configuration for Use of Onsite Caching Server**

1. Open the event in cSlide and check the Oasis Meeting Id, Oasis Association ID, Media Service should be enabled, and Session Room Application should be Disabled if you are going to use the cSlide session room (which we are in this case)
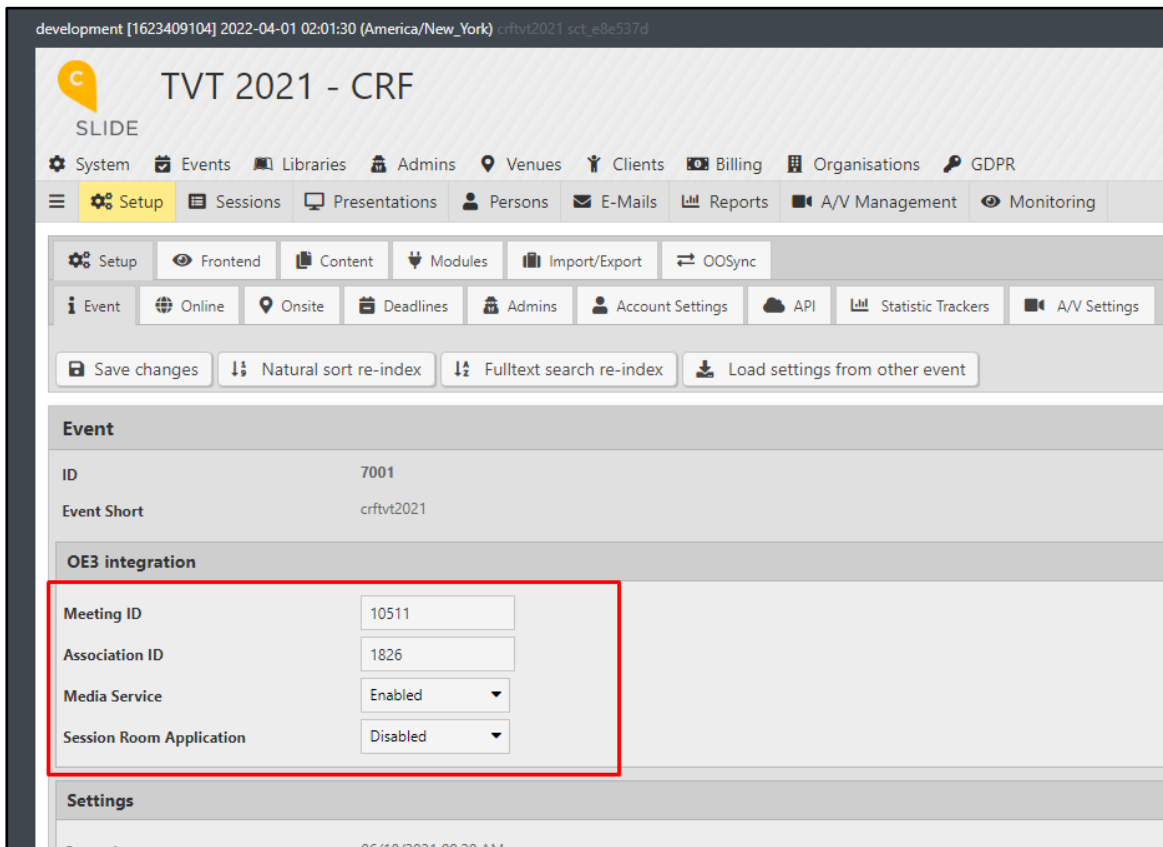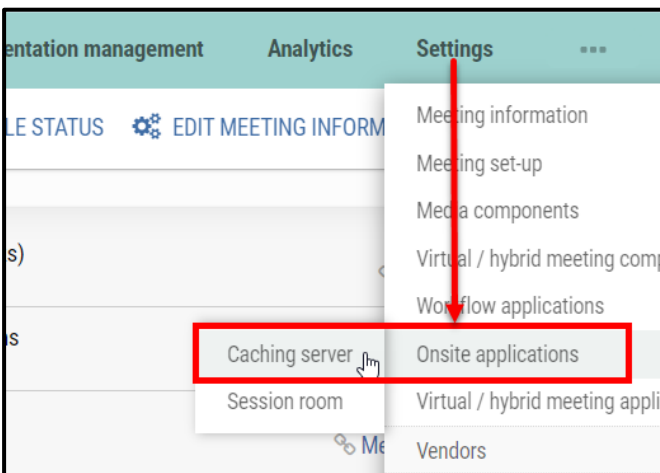

2. Add the **Caching Server Host** to the VLAN address of the server (e.g., 192.168.42.6). Leaving it blank will disable the caching server in the cSlide session room.
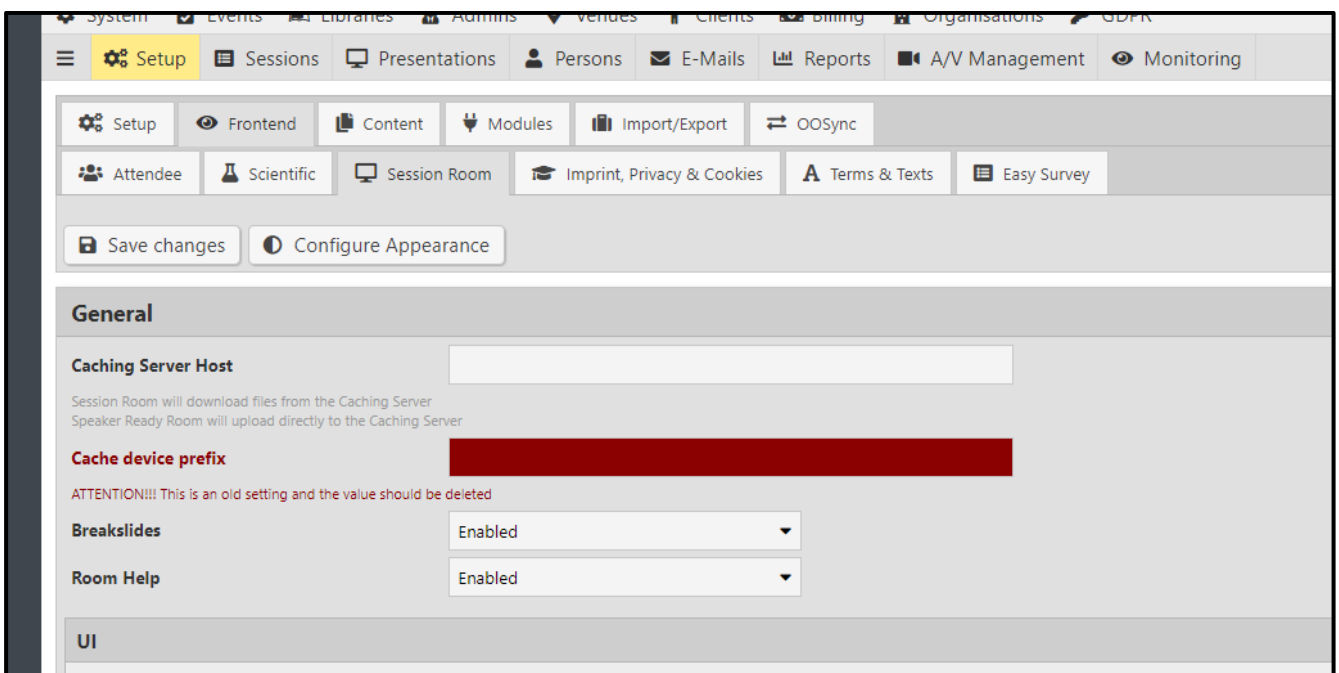
The graphic below shows the file synchronization flow when the cSlide speaker ready room and session room use the caching server.
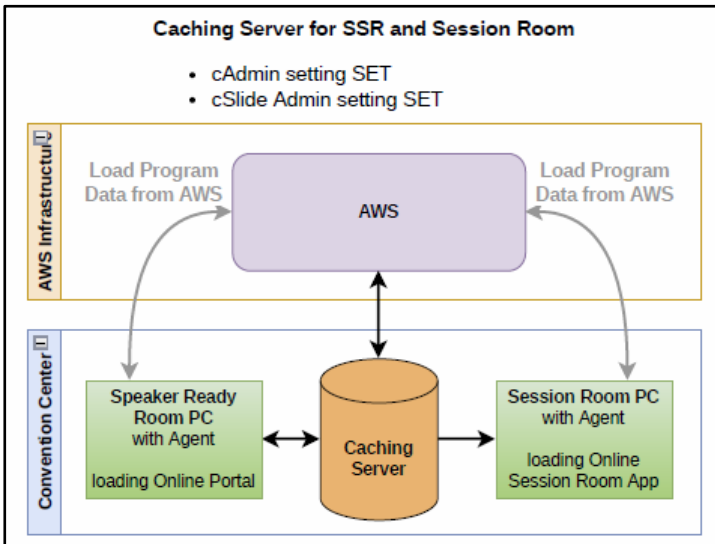
3. Login into cAdmin and go to Settings > Onsite applications > Caching server.

4. Turn **ON** the **Local server cache**. This will activate files to be uploaded to the caching server first, and then a sync job will upload the files to the online server (cSlide media service). Set the Server URL to the numbers in **Cache device prefix** from step 3 for the Server URL
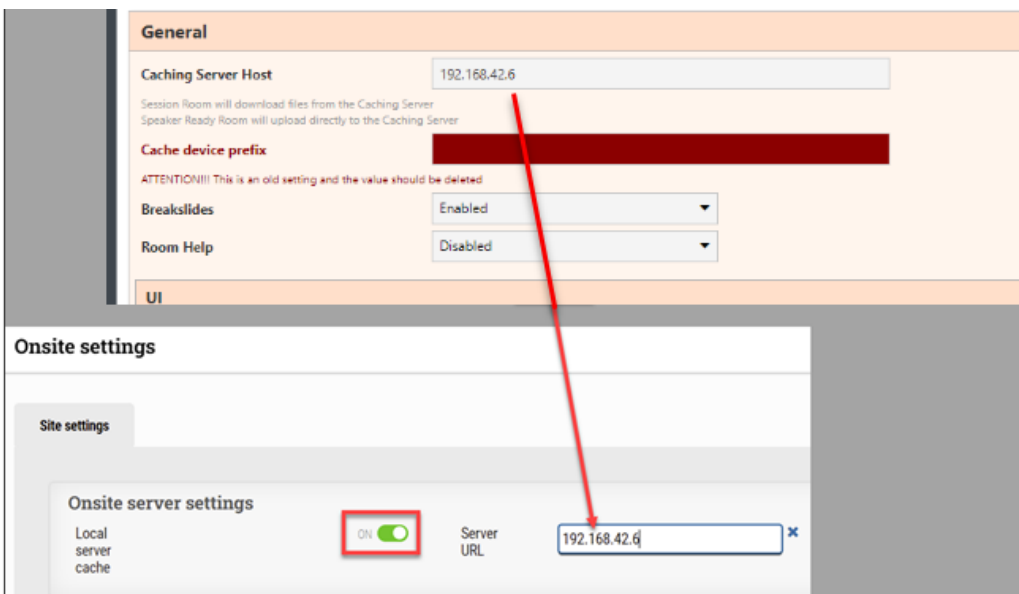
cSlide ONLY Configuration for Use of Onsite Caching Server
1. Go to **Event > Setup > Setup > Event** and navigate to **CTI cAdmin Platform Integration**.
2. Ensure both **Meeting ID** and **Association ID** fields are blank. If not, delete the IDs.
3. Disable both **Media Service** and **Session Room Application** since CTI's cAdmin platform is not being used for this cSlide-only event.