

Ad-Hoc Chat Operating Procedures

Target Audience: Beta Users (Host and Guest) **Platform:** iOS

Step 1: Preparation and Downloads

Before initiating communication, users must obtain the necessary configuration files and install the required applications.

1. Obtain VPN Profile:

- The Beta user must first receive a specific OpenVPN profile file, which has the file extension .ovpn.
- This file is typically sent via email from the Host to the Guest.

2. Download Applications:

- Users need to download two specific applications from the App Store,:
 1. **OpenVPN Connect:** Required to establish the virtual network connection.
 2. **TestFlight:** Required to install and update the beta version of AdHocChat.
 3. **AdHocChat:** Downloaded and installed via the TestFlight app.

Step 2: Activate VPN Connection

Both the Host and the Guest must connect to the VPN Server's virtual network before opening AdHocChat,.

1. Open the **OpenVPN Connect** app.
2. Import or upload the obtained .ovpn profile file into the app,.
3. Enter the VPN Passcode: currently set to **12345678**.
4. Initiate the connection. A green indicator confirms that the device is successfully connected to the VPN Server's virtual network.

◦ *Note: Importing the profile and setting the name usually only needs to be done once; subsequently, you just need to connect.*

Step 3: AdHocChat Initial Setup

1. Open the **AdHocChat** app.
2. For first-time use, set a **Display Name** (Alias), for example, "Alex".
3. Once set, the system remembers this name, and you do not need to configure it again.

Step 4: Establish and Join a Session

A. Host Operations (Starting a Session)

1. Select "**Start as Host**" on the main screen.
2. Verify the session parameters in the settings menu (can be modified):
 - **Session ID:** A 6-digit number generated randomly by the system.
 - **Passcode:** Default is **123456**; the Host can modify this.
 - **Beacon Window:** Waiting time. Default is **600 seconds**; can be adjusted.
 - **Max Participants:** Default is **3** (1 Host + 3 Guests); can be adjusted to 1 or 2.
 - **Chat Duration:** Default is **3600 seconds**.
3. Press "**Start**" to enter the Meeting Lobby and standby.
4. Share the **Session ID** and **Passcode** with the Guest via email or other communication methods.

B. Guest Operations (Joining a Session)

1. Select "**Join as Guest**" on the main screen,.
2. Enter connection details using one of two methods:
 - **Manual Entry:** Input the Session ID and Passcode provided by the Host.
 - **Scan:** Use the scan function to find an active Host session nearby.
3. Press "**Join**" to enter the Meeting Lobby.

Step 5: Chatting

- **Capabilities:** Once in the lobby, users can engage in Text, Audio, or Video chat,.
- **One-on-One Constraint:**
 - The system does not support multi-user conference calls (e.g., Host + Guest A + Guest B simultaneously).
 - **Rule:** At any given time, the Host can only speak with **one** Guest.
 - **Switching:** If multiple Guests are present (e.g., A and B), the Host can select Guest B to talk to; the system will automatically disconnect A and switch to B.
 - **Busy Signal:** If the Host is currently chatting with Guest A and Guest B tries to call, Guest B will see a "Busy" status and must try again later.