

# Configure the Android Player

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URL: <https://docs.grassfish.com/grassfish/docs/configure-android-player-ssp>

Archiviert am: 2025-07-17 18:37:28

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## Note

If you use a different player, you can skip this chapter.

If you want to use SSP on your Android player, you need to enable and configure it for the individual player or the entire player configuration group. Before you do this, make sure you have read the following prerequisites.

### Prerequisites

- You can set an airtime ratio for SSP content on the player to specify how much airtime is used for SSP advertising, just as you can set airtime for DOOH.
- In total, the SSP airtime percentage and the DOOH airtime percentage must not exceed 100%.
- By default, SSP spot filling is enabled and SSP airtime is set to 0%. This means that unused DOOH airtime will be used for SSP when SSP spots are available regardless of SSP airtime.
- You can [enable SPP with DOOH](#) or [enable SSP without DOOH](#).

## Enable SSP with DOOH

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To use both DOOH and SSP, perform the following steps to enable SSP:

1. In the IXM One, go to the player configuration or configuration group:
  - For an individual player, go to **Channels > Location**. Double-click on your player and select **Edit** next to **Configuration** in the **Edit player** window.
  - For a configuration group, go to **Administration > Player > Configuration groups** and double-click on the configuration group.
2. In the **Edit configuration group** window, select **Display extended modules**.
3. Under **Modules**, select **DOOH > SSP**.
4. Under **Settings**, select **Enable SPP**.
5. Optionally, change the **SSP load timeout (in ms)**. If loading the SSP spot takes longer than the timeout, the system skips the spot.
6. Optionally, change the **SSP playback count**. This specifies how many of the last spots are SSP spots ([example](#)).

7. Optionally, change the **SSP playback look behind**. The system looks at the last specified number of spots to analyze whether the playout should be SSP ([example](#)).
8. Set the **SSP airtime ratio**.
9. **Fill up DOOH airtime with SSP spots** is turned on by default. You can turn it off if needed.

**Edit configuration group [default group]**

\*Name: default group      \*Group: Android Second Generation

☒ Display extended modules

**Modules**

- All modules
  - Coba
  - Common
  - DOOH
    - General
    - SSP**
  - InternetReceiver
  - Phidget
  - Player
  - ScreenController
  - Serial
  - Spotselector
  - Updater

**Settings** Search ...

**SSP (DOOH)** Last changed

Enable SSP ☒

SSP load timeout (in ms) 3500

SSP playback count 1

SSP playback look behind 3

SSP air time ratio 25

Fill up DOOH airtime with SSP spots ☒

Last changed: 17.03.2025 15:07:29  
Last fetched: ---

Export Import Save Cancel

10. Click **Save** to save your changes.
11. Restart the player service or reboot the player for your changes to take effect.

## Enable SSP without DOOH

To use only SSP without DOOH, perform the following steps to enable SSP:

1. In the IXM One, go to the player configuration or configuration group:
  - For an individual player, go to **Channels > Location**. Double-click on your player and select **Edit** next to **Configuration** in the **Edit player** dialog.
  - For a configuration group, go to **Administration > Player > Configuration groups** and double-click on the configuration group.
2. In the **Edit configuration group** window, select **Display extended modules**.
3. Under **Modules**, select **Player > SSP**.

- Under **Settings**, select **Enable SSP**.

The screenshot shows a configuration window titled "Edit configuration group [default group]". It has a sidebar with "Modules" and a main "Settings" area. The "Modules" sidebar lists "All modules" with sub-items: "Coba", "Common", "DOOH" (expanded), "General", "SSP" (selected), "InternetReceiver", "Phidget", "Player", "ScreenController", "Serial", "Spotsselector", and "Updater". The "Settings" area has a search bar and a "SSP (DOOH)" section. The "SSP (DOOH)" section contains the following settings: "Enable SSP" (checked), "SSP load timeout (in ms)" (3500), "SSP playback count" (1), "SSP playback look behind" (3), "SSP air time ratio" (25), and "Fill up DOOH airtime with SSP spots" (checked). At the bottom, it shows "Last changed: 17.03.2025 15:07:29" and "Last fetched: ---". There are buttons for "Export", "Import", "Save", and "Cancel".

- Optionally, change the **SSP load timeout (in ms)**. If loading the SSP spot takes longer than the timeout, the system skips the spot.
- Optionally, change the **SSP playback count**. This specifies how many of the last spots should be SSP spots ([example](#)).
- Optionally, change the **SSP playback look behind**. The system looks at the last specified number of spots to analyze whether the next spot should be SSP ([example](#)).
- Set the **SSP airtime ratio**.
- Fill up DOOH airtime with SSP spots** is turned on by default. You can turn it off if needed.
- Click **Save** to save your changes.
- Restart the player service or reboot the player for your changes to take effect.

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## Example SSP configuration

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To have a maximum of 20% SSP played, specify the following values:

- **sspPlaybackCount = 1**
- **sspPlaybackLookBehind = 5**

The player will check if an SSP spot was played among the last four spots. If not, it will try to play an SSP spot.