

Changing the View Distance and Simulation Distance Settings

Adjusting the **View Distance** and **Simulation Distance** can optimize your server's performance and tailor your gameplay experience. These settings determine how much of the world is visible to players and how far entities and redstone mechanisms remain active around them.

- [Changing the Settings](#)

Changing the Settings

Changing the Settings via the Panel

1. Access Your Server Panel

Log in to the [Ridgeline Servers Control Panel](#).

2. Navigate to the Files Section

- Click on the **Files** tab in the left-hand menu.
- Open the `server.properties` file by clicking on it.

3. Locate the View and Simulation Distance Settings

- Find the lines:

```
view-distance=10
simulation-distance=10
```

- The numbers next to each setting represent the current distance value (in chunks).

4. Edit the Values

- **View Distance:** Determines how many chunks around players are loaded and visible.
- **Simulation Distance:** Controls the number of chunks where entities and redstone mechanisms remain active.

Modify the numbers as desired:

- **Lower Values** improve server performance but reduce visibility and activity range.
- **Higher Values** enhance gameplay but require more server resources.

5. Save Your Changes

- After editing, click **Save** in the file editor.

6. Restart Your Server

For the changes to take effect, restart your server through the **Terminal/Console**.

Tips for Choosing the Right Values

• View Distance:

- Default is typically `10`. Adjust between `6` and `10` for most servers.
- Lower settings are ideal for performance on servers with many players or limited resources.

• Simulation Distance:

- Default is typically `10`. Adjust between `5` and `10` based on your server's needs.

- Lower simulation distances can reduce lag caused by entity processing and redstone mechanisms.
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Additional Notes

- Both settings directly impact server performance. Monitor your server's **TPS (Ticks Per Second)** after changes to ensure smooth gameplay.
 - Lowering these settings can improve the connection for players with slower internet.
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Additional Help

If you encounter any issues or need further assistance, open a support ticket via the [Billing Area](#). Our support team is ready to assist you.