✅ 1. Create a Discord Webhook

1. Open **Discord** and go to your **server**.

2. Click the server name > **Server Settings** > **Integrations**.

3. Under **Webhooks**, click **"New Webhook"**.

4. Give it a name (e.g., `Jenkins Bot`), and **select the channel** where it should post.

5. Click **Copy Webhook URL** – save it somewhere safe (e.g., Notepad or Jenkins credentials).

6. Click **Save Changes**.

✅ 2. Install the Discord Notifier Plugin in Jenkins

1. Open your **Jenkins Dashboard**.

2. Go to **Manage Jenkins** > **Plugin Manager**.

3. Click on the **Available** tab (or search in Installed if already there).

4. Search for **"Discord Notifier"**.

5. Check the box and click **Download now and install after restart**.

6. Restart Jenkins after installation completes.

✅ 3. (Recommended) Add Webhook URL to Jenkins Credentials

This keeps your webhook secure:

1. Go to **Manage Jenkins** > **Credentials**.

2. Choose the appropriate domain (or "(global)").

3. Click **Add Credentials**.

4. Select:

   - **Kind**: `Secret text`

   - **Secret**: *Paste the full Discord webhook URL*

   - **ID**: e.g., `DISCORD_WEBHOOK`

   - **Description**: "Discord webhook for Jenkins"

5. Click **OK**.

✅ 4. Use Discord Notifier in Your Jenkins Job

For Freestyle Projects:

1. Open your job configuration.

2. Scroll to **Post-build Actions** > click **"Add post-build action"** > select **Discord Notifier**.

3. Paste your **webhook URL**, or use credentials.

4. Configure options:

   - **Notify on every build**

   - **Notify only on state change**

   - **Include successful builds**

   - **Include failed builds**

   - **Include SCM changes**

- ○ **Include artifact links**

- ○ **Include Jenkins version**

5. Click **Save**.

For Pipeline Jobs:

In your Jenkinsfile, use either:

Option A: Hardcoded Webhook URL

```
discordSend(
    webhookURL: 'https://discord.com/api/webhooks/...',
    title: "Job: ${env.JOB_NAME}",
    description: "Build #${env.BUILD_NUMBER} finished with status:
${currentBuild.currentResult}",
    link: env.BUILD_URL,
    result: currentBuild.currentResult
)
```

Option B: Secure via Credentials

```
withCredentials([string(credentialsId: 'DISCORD_WEBHOOK', variable:
'WEBHOOK')]) {
    discordSend(
        webhookURL: WEBHOOK,
        title: "Job: ${env.JOB_NAME}",
        description: "Build #${env.BUILD_NUMBER} -
${currentBuild.currentResult}",
        link: env.BUILD_URL,
        result: currentBuild.currentResult
    )
}
```

✅ 5. Test the Integration

1. Run the job manually.

2. After the job finishes, check your Discord channel.

3. You should see a message with the job name, build number, status, and link.