How to do deploy n8n project on server

First step- run this cmd

docker exec -t n8n n8n export:workflow --all --output=/files/export.json

📍 What this does:

Goes inside n8n container

Exports ALL workflows

Creates export.json inside container

Next cmd-

- <mark>docker cp n8n:/files/export.json .</mark>

- 📍 What this does:

- Copies export.json from inside container

- Saves it to your computer folder

- Now you have a file-

- <mark>export.json</mark>

Next Login your server

- Connect to your VPS

- ssh username@SERVER-IP

- Ex.
- ssh root@143.110.221.150

INSTALL DOCKER ON SERVER

- Run these commands one by ine on server-

- <mark>sudo apt update</mark>

- Refreshes server package list –
- <mark>sudo apt install -y ca-certificates curl gnupg</mark>

- Installs tools needed to add docker-

- <mark>sudo install -m 0755 -d /etc/apt/keyrings</mark>

- Creates a key folder

- curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo tee /etc/apt/keyrings/docker.asc > /dev/null

- Dounloads docker key

- echo \
-   "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \
-   $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

- Adds docker repo to system

- sudo apt update

- sudo apt install -y docker-ce docker-ce-cli containerd.io docker-compose-plugin

- Installs docker + docker compose

- docker --version
- docker compose version

Next step create one folder

- **mkdir n8n-server**

- Go inside that folder

- **cd n8n-server**

- Now you are inside /home/username/n8n-server

Add docker-compose.yml

- <mark>nano docker-compose.yml</mark>

- Opens a text editor

- Paste this inside

- version: '3.1'

- services:
-   n8n:
-     image: n8nio/n8n
-     ports:
-      - "5678:5678"
-     environment:
-      - N8N_BASIC_AUTH_ACTIVE=false
-     volumes:
-      - ./n8n_data:/home/node/.n8n

- Save file
- CTRL + O → ENTER → CTRL + X

Start N8N on server

- Run docker compose

- docker compose up –d

- Downloads n8n image
- Creates container
- Runs in background

- Check

- docker ps
- Show running containaers

Open in browser

- http://SERVER-IP:5678