

# Importing Siyuan Old Docker Files to New Host

## Step 1: Copy Old Siyuan Volume

First, copy the old Siyuan Docker volume from the previous host to the new host. You can use various methods like `scp`, `rsync`, or simply copying files via shared storage if available.

```
# Example using rsync
rsync -avz <old_host>:/path/to/old_siyuan_volume /path/to/new_host/new_siyuan_volume
```

## Step 2: Run the Siyuan Container on New Host

Ensure Docker is installed and running on the new host. Start the Siyuan container using the copied volume.

```
docker run -d --name siyuan -v /path/to/new_siyuan_volume:/siyuan/workspace b3log/siyuan:v3.0.1
```

## Step 3: Access Docker Container

Use `docker ps` to find the container ID or name on the new host.

```
docker ps
```

## Step 4: Enter the Container and Replace Files

Access the Docker container using `docker exec` with `/bin/sh` and then switch to root user (`su -`).

```
docker exec -it <container_id_or_name> /bin/sh  
su -
```

## Step 5: Replace Old Files with New Files

Replace the entire `/siyuan/workspace` directory with the copied files from Step 1. Make sure the Siyuan container remains running throughout this process.

```
cp -R /path/to/new_siyuan_volume/* /siyuan/workspace/
```

## Step 6: Change Ownership of Files

Change ownership of the `/siyuan/workspace` directory and its contents to `siyuan:siyuan`.

```
cd /siyuan/workspace  
su -  
chown -R siyuan:siyuan /siyuan/workspace
```

## Step 7: Reboot Siyuan Container

Exit from the container shell and reboot the Siyuan container to apply the changes.

```
exit  
docker restart siyuan
```

## Step 8: Verify

Verify that Siyuan is running correctly with the imported files by accessing it through the web browser or the command line interface as needed.

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This tutorial provides a structured approach to migrating Siyuan old Docker files to a new host, ensuring that all steps are executed correctly for seamless transition. Adjust paths and commands based on your specific environment and requirements.

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