

Restoring Rancher (Docker)

Unit 2.1.3



Restoring a Backup

Like making a backup, the process for restoring from a backup differs depending on how you made the backup. In both cases you're going to restore the backup tarball into a directory that will be made available to a new Rancher server container.

Docker Volume

When we make the backup, we did so from a data container and created a tarball. We now want to overwrite the contents of `/var/lib/rancher` in the Rancher container with the contents of the tarball.

1. Move the tarball you want to restore onto the Rancher server and place it in `/opt/backup`
2. Stop the Rancher container
3. Make a fresh backup of the current state of the Rancher server container
4. Run a temporary container that uses the volumes from the Rancher container and with a single command, remove the contents of `/var/lib/rancher` and then extract the tarball into it.
5. Start the Rancher container

When the Rancher container starts up, it will use the restored contents of the backup.

Bind-Mounted Volume

If you used a bind-mounted volume such as `/opt/rancher`, then restoring from the backup is even easier.

1. Move the tarball you want to restore onto the Rancher server and place it in `/opt`
2. Stop the Rancher container
3. Move `/opt/rancher` to `/opt/rancher.bak`
4. Extract the tarball. This will create a new `/opt/rancher`
5. Start the Rancher container

When the Rancher container starts up, it will use the restored contents of the backup.

References

Restoring a Single Node -

<https://rancher.com/docs/rancher/v2.x/en/backups/restorations/single-node-restoration/>