

# Reset portainer password

Method 1: Resetting the admin password if Portainer runs as a container

First, go to our [reset password container helper](#) in GitHub, then stop the Portainer container by running this command:

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```
docker stop "id-portainer-container"
```

Next, run the helper using the following command (you'll need to mount the Portainer data volume):

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```
docker pull portainer/helper-reset-password  
docker run --rm -v portainer_data:/data portainer/helper-reset-password
```

If successful, the output should look like this:

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```
2020/06/04 00:13:58 Password successfully updated for user: admin  
2020/06/04 00:13:58 Use the following password to login: &_4#\3^5V8vLTd)E"NWijBs26G*9HPI1
```

If the helper is unable to find an admin user to update, it will create a new one for you. If the username `admin` is already used, it will create a user named `admin-[randomstring]`:

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```
2022/08/10 07:36:33 [WARN] Unable to retrieve user with ID 1, will try to create, err: object not found inside the
database
2022/08/10 07:36:33 Admin user admin-u0512b3f0v4dqk7o successfully created
2022/08/10 07:36:33 Use the following password to login: Sr#]YL_6D0k8Pd{pA9^}F32j5J4I=av
```

Finally, use this command to start the Portainer container then try logging in with the new password:

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```
docker start "id-portainer-container"
```

Method 2: Resetting the admin password if Portainer runs as a stack/service

First, scale the Portainer service to zero using this command:

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```
docker service scale portainer_portainer=0
```

Next, run the [reset password container helper](#) using the same bind-mount/volume as the data volume:

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```
docker pull portainer/helper-reset-password
docker run --rm -v portainer_portainer_data:/data portainer/helper-reset-password
```

If successful, the output should look like this:

Copy

```
2020/06/04 00:13:58 Password successfully updated for user: admin
```

```
2020/06/04 00:13:58 Use the following password to login: &_4#\3^5V8vLTd)E"NWijBs26G*9HPI1
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```

```
2022/08/10 07:36:33 Use the following password to login: Sr#]YL_6D0k8Pd{pA9^}F32j5J4I=av
```

Finally, start up the Portainer service scaling using this command then try logging in with the new password:

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```
docker service scale portainer_portainer=1
```

Method 3: Resetting the admin password if Portainer is deployed in a Kubernetes cluster

First, scale the Portainer deployment to zero using this command:

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```
kubectl scale deploy portainer --replicas=0 -n portainer
```

Next, create a pod using the [reset password container helper](#) image and mount the Portainer data volume. Create a pod YAML file using the command below:

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```
cat > passreset.yml<< EOF
apiVersion: v1
kind: Pod
metadata:
  name: passreset
spec:
  volumes:
    - name: data
      persistentVolumeClaim:
        claimName: portainer
  containers:
    - name: passreset
      image: portainer/helper-reset-password
      volumeMounts:
        - mountPath: "/data"
          name: data
      restartPolicy: Never
EOF
```

Create the password reset pod using the command below:

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```
kubectl apply -f passreset.yml -n portainer
```

Once the new pod is created and transitions into a completed state, you can see the new password in the pod logs:

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```
kubectl logs passreset -n portainer
```

If successful, the output should look something like this:

Copy

```
2020/06/04 00:13:58 Password successfully updated for user: admin
2020/06/04 00:13:58 Use the following password to login: &_4#\3^5V8vLTd)E"NWijBs26G*9HPI1
```

Finally, scale up the Portainer deployment using this command then try logging in with the new password:

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```
kubectrl scale deploy portainer --replicas=1 -n portainer
```

You can delete the password reset pod using the below command:

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```
kubectrl delete pod passreset -n portainer
```

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