



# BOSH

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*Environment Setup*

The page is framed by a highly decorative, symmetrical border. The border features intricate scrollwork, floral motifs, and a central crest-like element at the top. The background within the border is a light gray gradient, while the outer area is dark blue.

*Part 1*

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VIRTUAL MACHINE



# PREREQUISITES

- ❖ Install VirtualBox 4.3
  - <https://www.virtualbox.org>
- ❖ Install Vagrant
  - <https://www.vagrantup.com>
- ❖ Start the VM as described in
  - <https://github.com/hsiliev/bosh-lite-tutorial>



*Part 2*

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BOSH



# TARGET DIRECTOR

- ❖ Target director

bosh target 192.168.50.4 lite

- ❖ Login with admin / admin

- ❖ Run bosh login if not logged in

# STEMCELL

## ❖ Upload stemcell

```
bosh upload stemcell <path to stemcell>
```

~/bosh-stemcell-2776-warden-boshlite-ubuntu-trusty-go\_agent.tgz

is downloaded from <http://bosh.io>



# SAMPLE RELEASE

❖ Go to the sample release dir

```
cd ~/gogs-boshrelease
```

Cloned from

<https://github.com/cloudfoundry-community/gogs-boshrelease.git>



# RELEASE

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❖ Create the release

bosh create release

❖ Upload the release

bosh upload release



# DEPLOY MANIFEST

- ❖ Check the release name

bosh releases

- ❖ Open the deploy manifest

nano templates/gogs-warden-manifest.yml

Change release name under releases

Save (Ctrl-O) and exit (Ctrl-X)

# DEPLOY MANIFEST

- ❖ List the Director UUID

`bosh status`

- ❖ Open the deploy manifest

`nano templates/gogs-warden-manifest.yml`

Change `director_uuid`

Save (Ctrl-O) and exit (Ctrl-X)



# DEPLOY MANIFEST

- ❖ List the stemcells

bosh stemcells

- ❖ Open the deploy manifest

nano templates/gogs-warden-manifest.yml

Change stemcell name in resource\_pools

Save (Ctrl-O) and exit (Ctrl-X)

# DEPLOY

- ❖ Set the deploy manifest

```
bosh deployment templates/gogs-warden-manifest.yml
```

- ❖ Deploy the release

```
bosh deploy
```





*Part 3*

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GOGS

# TEST

- ❖ Setup routing rules

`sudo /vagrant/routing.sh`

- ❖ Start browser and request

`localhost:8080`