Cheatography

CoreOS and EC2 Cheat Sheet

by protomouse via cheatography.com/1339/cs/4088/

Legend

Local command

Remote command

Cluster Management

Listing machines

```
fleetctl list-m achines
```

Submit new unit file

```
fleetctl submit myapp@.se rvice
```

List submitted unit files

```
fleetctl list-u nit -files
```

List units and their status

```
fleetctl list-units
```

Start/stop units

```
fleetctl start myapp@1
fleetctl stop myapp@1
```

Removing unit files

```
fleetctl unload myapp@1
fleetctl destroy myapp@1.service
fleetctl destroy myapp@.se rvic e
```

Opening a remote shell (*)

```
fleetctl ssh myapp@1
```

Inspecting the logs (*)

```
fleetctl journal --line s=100 mya pp@1
```

Log monitoring (*)

```
fleetctl journal -f myapp@1
```

Each command must specify an etcd endpoint (`--endp oin t=h ttp :// 1. 2.3.4 :4001`). This can be the IP address of any machine in the cluster.

(*) A running SSH agent is required for these commands.

Unit Management

Stop unit

```
sudo systemctl restart myapp@1
```

Start unit

```
sudo systemctl start myapp@1
```

Stop unit

```
sudo systemctl stop myapp@1
```

View unit status

```
sudo systemctl status myapp@1
```

List active units

```
sudo systemctl
```

Container Management

List running containers

```
docker ps
```

List all containers

```
docker ps -a
```

List images

```
docker images
```

Start/stop a container

```
docker start CONTAI NER_ID
docker stop CONTAI NER_ID
```

Create and run a container

```
docker run -e FOO=bar IMAGE_ID
```

Delete a container

```
docker rm CONTAI NER_ID
```

Delete an image

```
docker rmi IMAGE_ID
```

Log Management

Inspect unit logs

```
journalctl -u myapp@1
```

Filter out older log entries

```
journalctl --sinc e=2 015 -07-03 3: 22"
```

Filter out newer log entries

```
journalctl --unti l=2 015 -07-03 3: 22"
```

Instance Management

List instances

```
aws ec2 descri be- ins tances
```

Stop an instance (*)

```
aws ec2 stop-i nst ances --inst D
```

Start an instance

```
aws ec2 start- ins tances --inst ID
```

Reboot an instance

```
aws ec2 reboot -in stances --ins ID
```

Terminate an instance (**)

```
aws ec2 termin ate -in stances - -ids ID
```

The AWS client supports fine-grained output formatting. Use the table format (`--output table`) and a query string:

```
--query 'Reser vat ions[].Inst a nces[].[Tag s[? Key ==` Name`] | [0].Value, Instan ceId, State.N ame, Placem ent.Av ail abi lit - yZone]
```

(*) Data on ephemeral storage (e.g. containers and images) will be lost!

(**) Data on block- (the root file system) and ephemeral storage will be lost!

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