



knife ec2

Quick Reference

knife ec2

Amazon EC2 is a web service that provides resizable compute capacity in the cloud, based on pre-configured operating systems and virtual application software using Amazon Machine Images (AMI). The `knife ec2` subcommand is used to manage API-driven cloud servers that are hosted by Amazon EC2.

knife ec2 instance data

The instance data argument is used to generate instance metadata used with custom Chef Amazon Machine Images (AMI).

knife ec2 server create

The server create argument is used to create a new Amazon EC2 cloud instance.

EXAMPLES

Launch an instance which has a single Chef role

To launch a new Amazon EC2 instance with the “webserver” role, enter:

```
$ knife ec2 server create -r "role[webserver]"  
-I ami-45255344 --flavor m1.small -G www,default  
-x ubuntu -N server01
```

Launch an instance which has many Chef roles

To launch a new Amazon EC2 instance with multiple roles, enter:

```
$ knife ec2 server create -r  
"role[base],role[webserver]" -I ami-45255344  
-G www,default -x ubuntu --node-name server01
```

knife ec2 server delete

The server delete argument is used to delete one or more nodes that are running in the Amazon EC2 cloud.

EXAMPLE

Delete an instance

To delete a node called “preprod” in an instance named “operations”, enter:

```
$ knife ec2 server delete operations preprod
```

knife ec2 server list

The server list argument is used to find instances that are associated with a Amazon EC2 account.

knife ec2 flavor list

The flavor list argument is used to get a list of instance types available from Amazon EC2 and is listed by ID, architecture, RAM, and disks, and cores.