lab

lab title

AWS Command Line Interface (CLI)

V1.01

Course title

BackSpace Academy
AWS Certified Associate

BackSpace

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About the Lab

Please note that not all AWS services are supported in all regions. Please use the US-East-1 (North Virginia) region for this lab.

These lab notes are to support the AWS CLI lab of the AWS Certified Cloud Practitioner Course.

Please note that AWS services change on a weekly basis and it is extremely important you check the version number on this document to ensure you have the lastest version with any updates or corrections.

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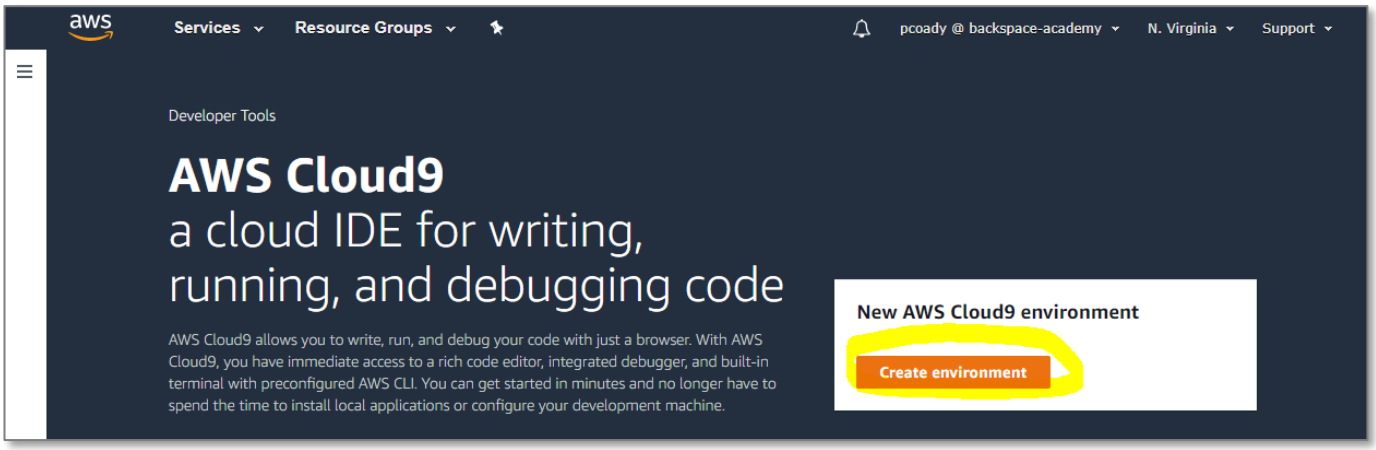
Creating a Cloud9 Development Environment on EC2

In this section, we will use the Cloud9 service to create a development environment on an EC2 instance.

From the AWS console click 'Services"

Click 'Cloud9"

Click 'Create Environment"



Give your environment a unique name.

Click 'Next Step"

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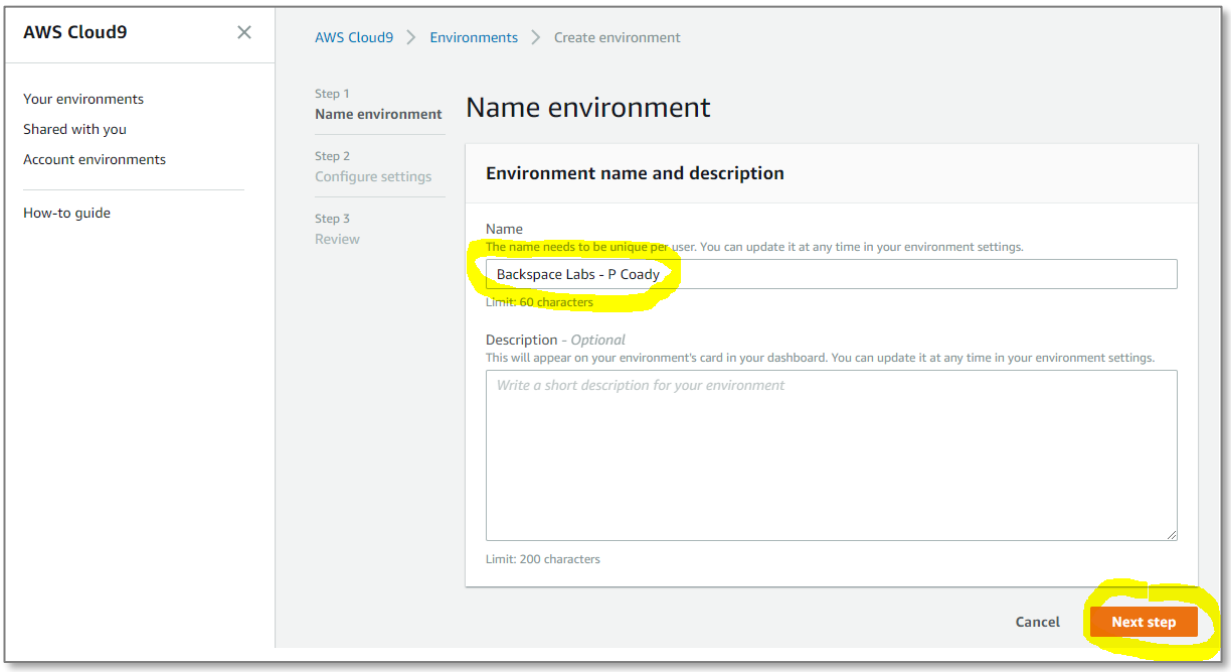
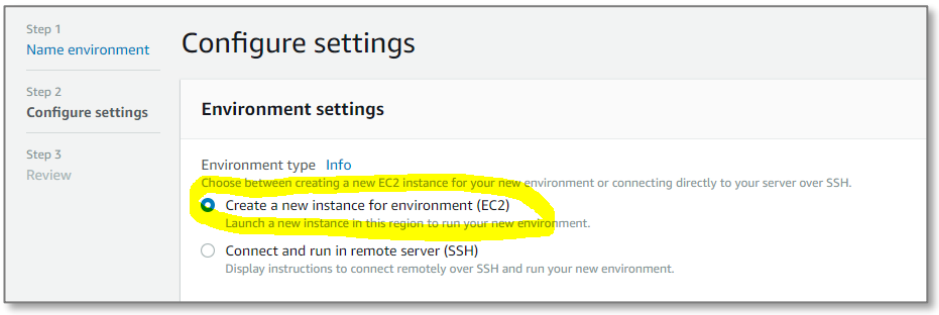
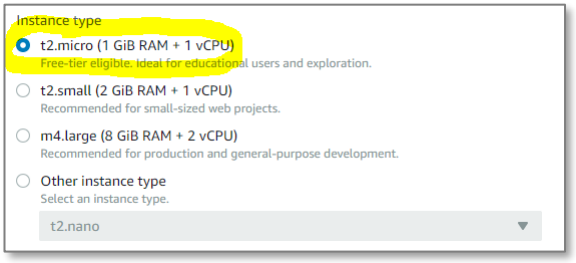


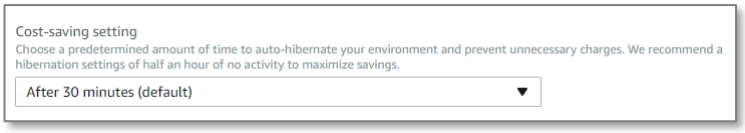
Select EC2 environment.



Select t2 micro to stay in the free tier



Leave hibernation setting at 30 mins



Leave Network settings as default

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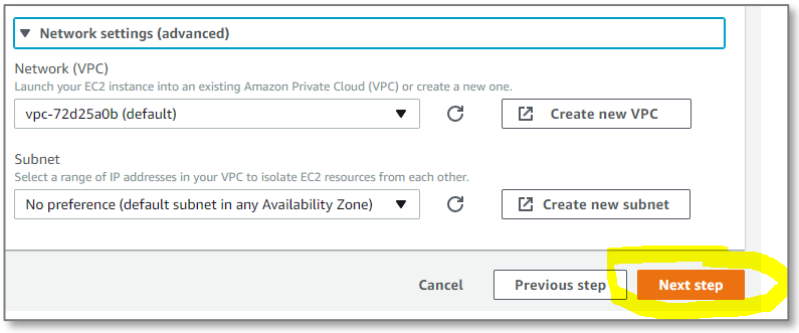
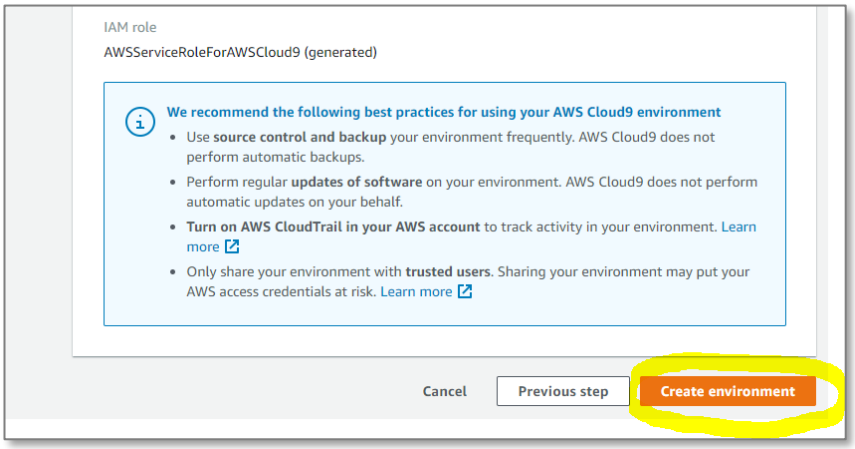
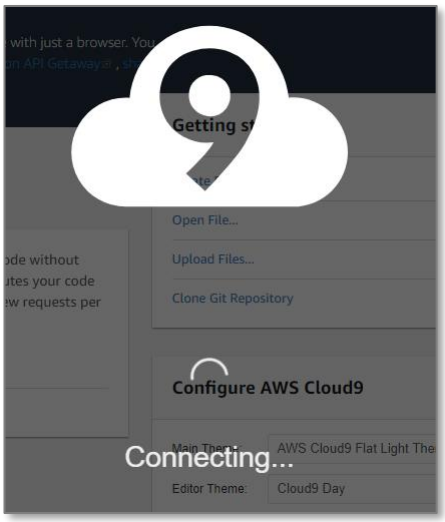
Click 'Next Step"



Click 'Create Environment"



The environment creation process will begin



After some time, your environment will be created.

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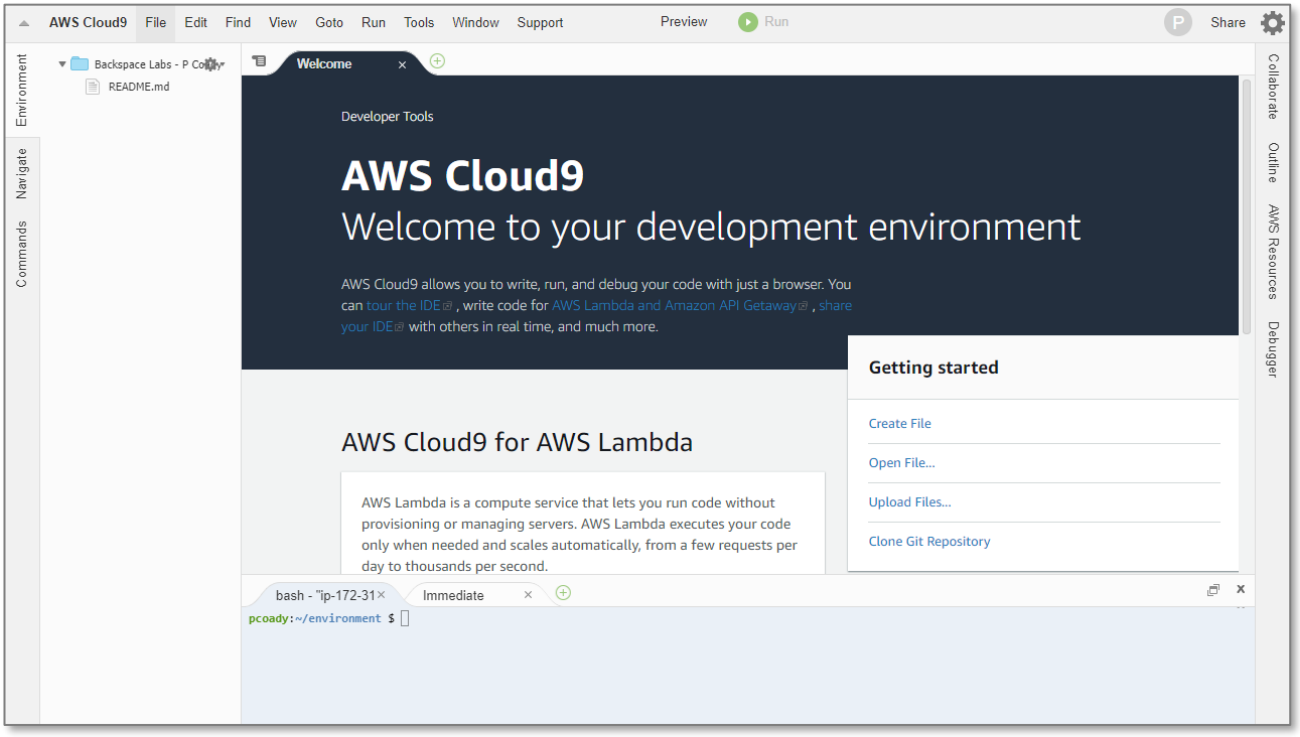
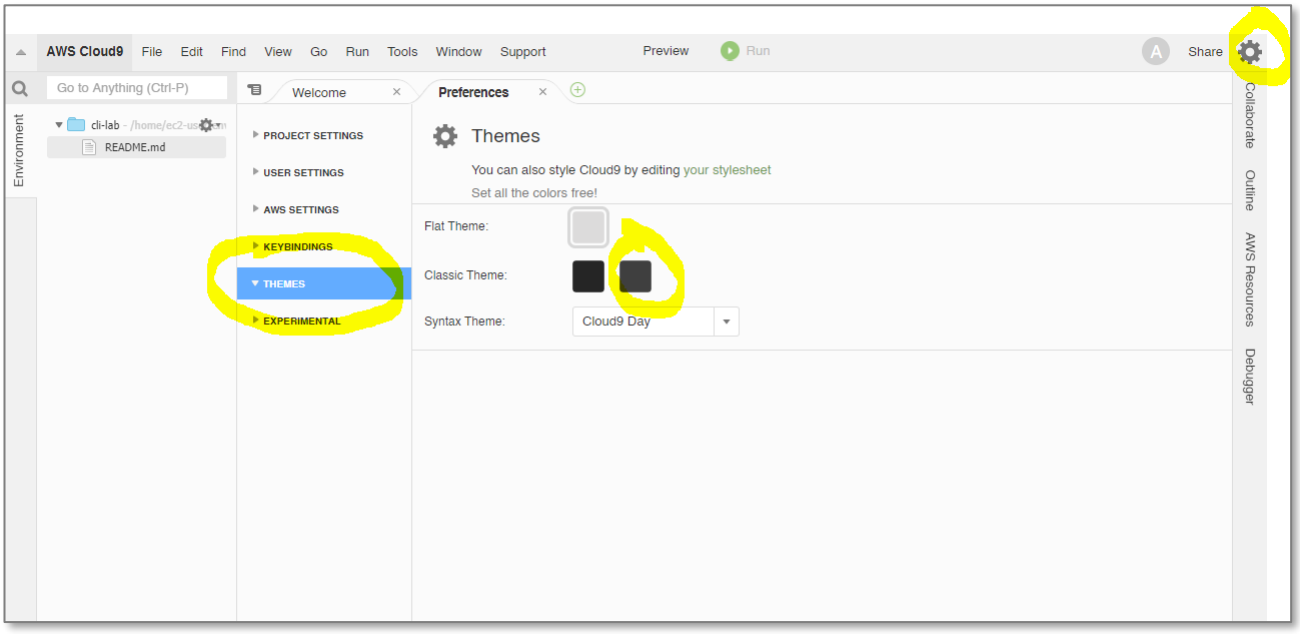


You can customize the look and feel of the IDE by selecting a theme from the preferences.



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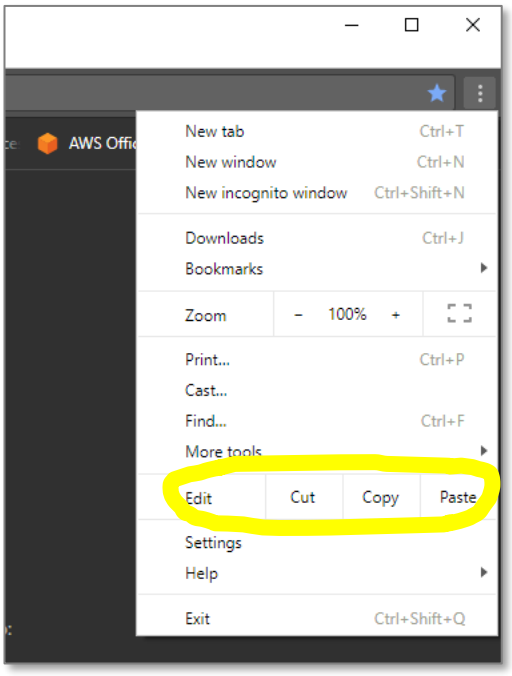
Sending CLI Commands from a Cloud9 Environment

In this section, we will use the Cloud9 service to send CLI commands from the Cloud9 Environment.

Please note:

Cut and Paste (right click or Cloud9 menu) may not work directly in Cloud9. If you cannot paste into Cloud9 then use the browser paste menu item or use ctrl-v (Windows) / cmd-v (MAC).

e.g. for Chrome:



e.g. for Firefox

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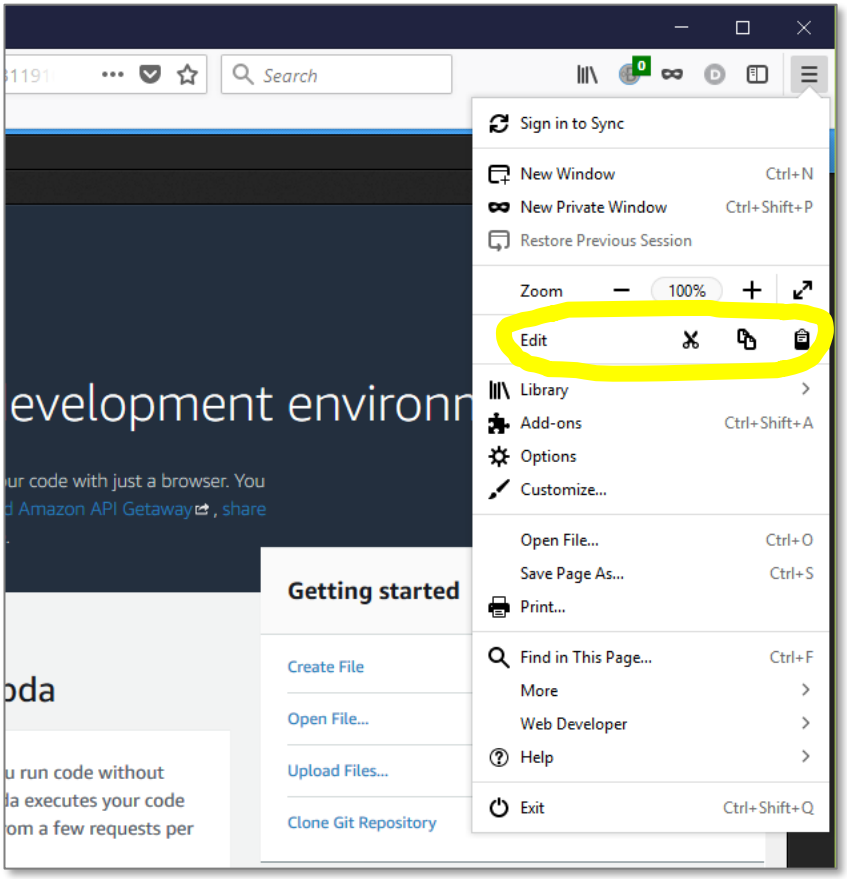
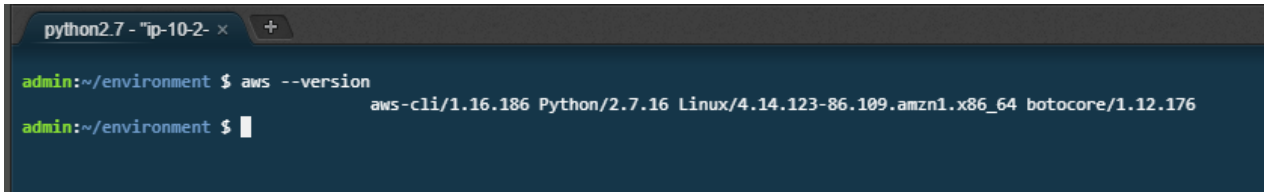


Sending Commands from the Cloud9 Environment

At the bottom of the screen will be the Linux terminal console pane.

Check that AWS CLI is already installed.

```
aws --version
```



Create a bucket using the *S3 mb* command

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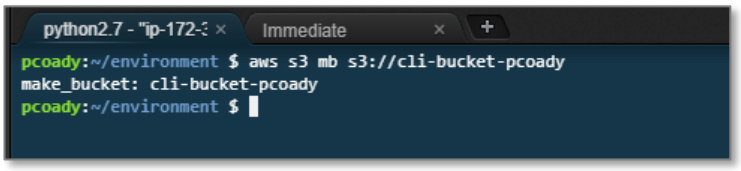
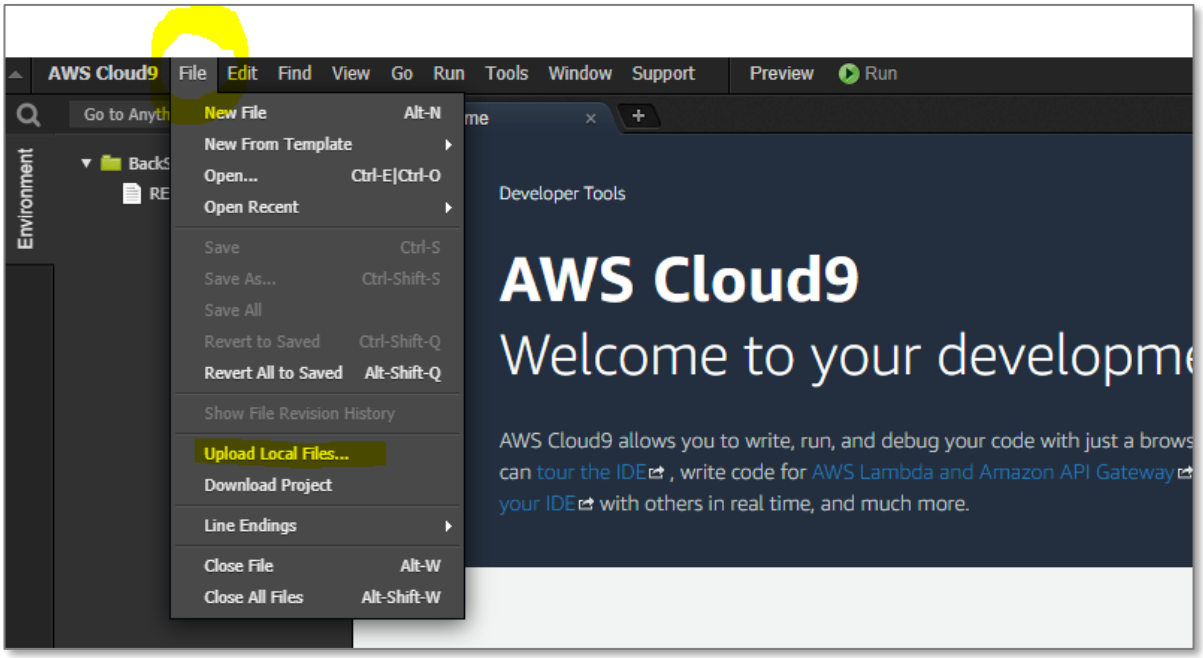
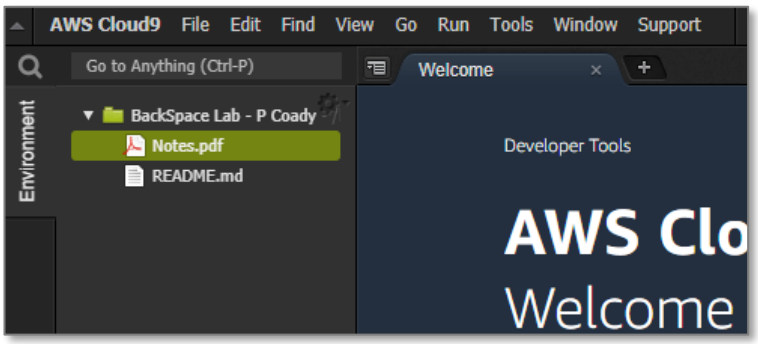
```
aws s3 mb s3://yourbucketname
```



Upload a local file to the Cloud9 Environment



The file will appear in the file treeview after uploading



Now use the *S3 cp* command to copy the file to the newly created bucket

*Note filename is case sensitive

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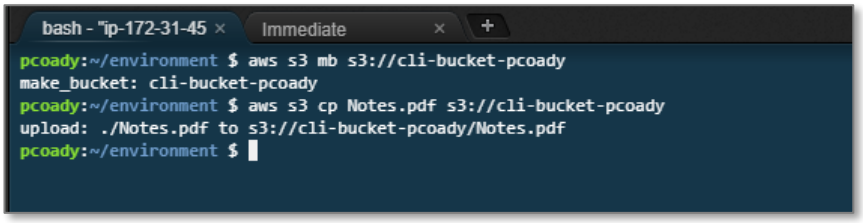
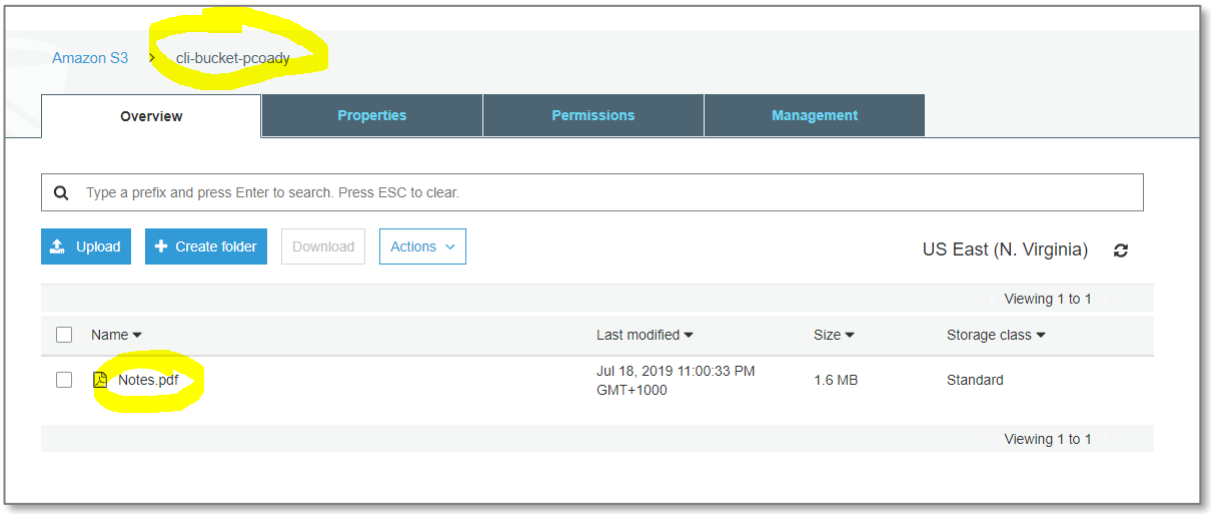
```
aws s3 cp yourfilename s3://yourbucketname
```

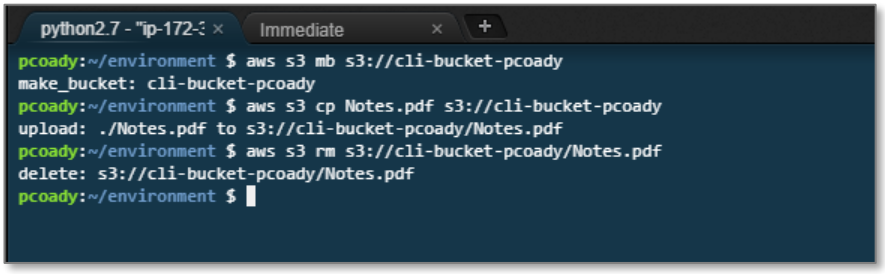


Go to the S3 management console to see the newly created bucket with its contents



Now we will delete the object using the *S3 rm* command

```
aws s3 rm s3://yourbucketname/yourfilename
```



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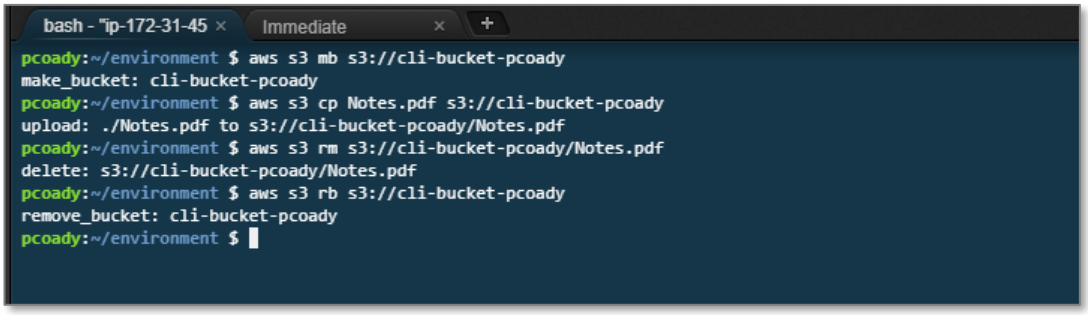
Now we will delete the empty bucket using the *S3 rb* command

```
aws s3 rb s3://yourbucketname
```



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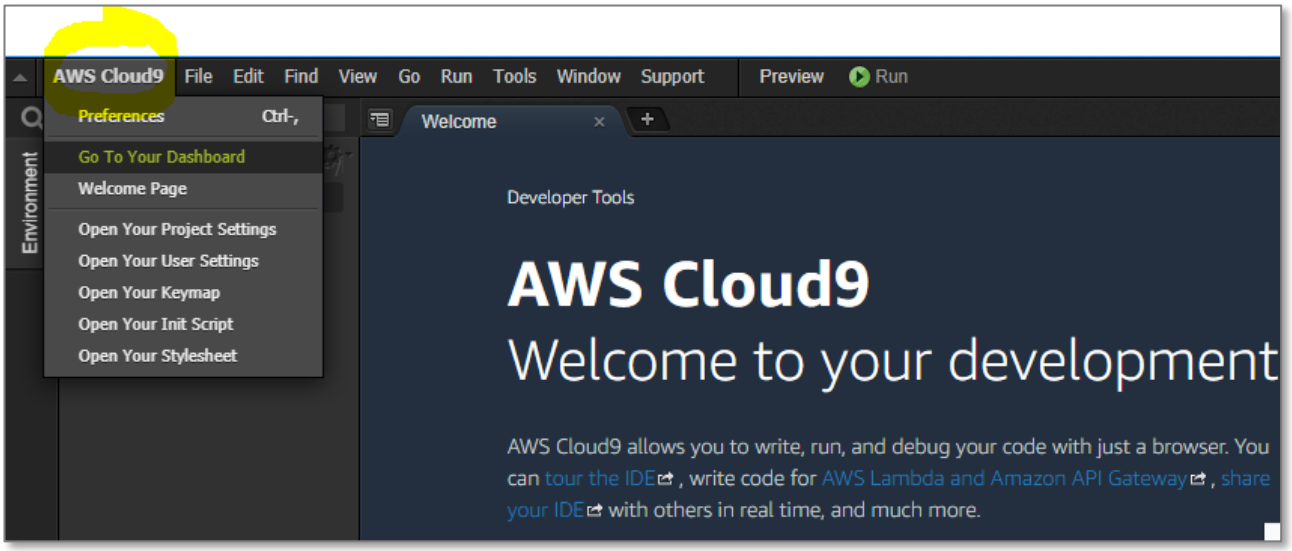
Cleaning Up

In this section, we will remove the Cloud9 environment.

Go back to your Cloud9 Dashboard



Select your environment and click *Delete*

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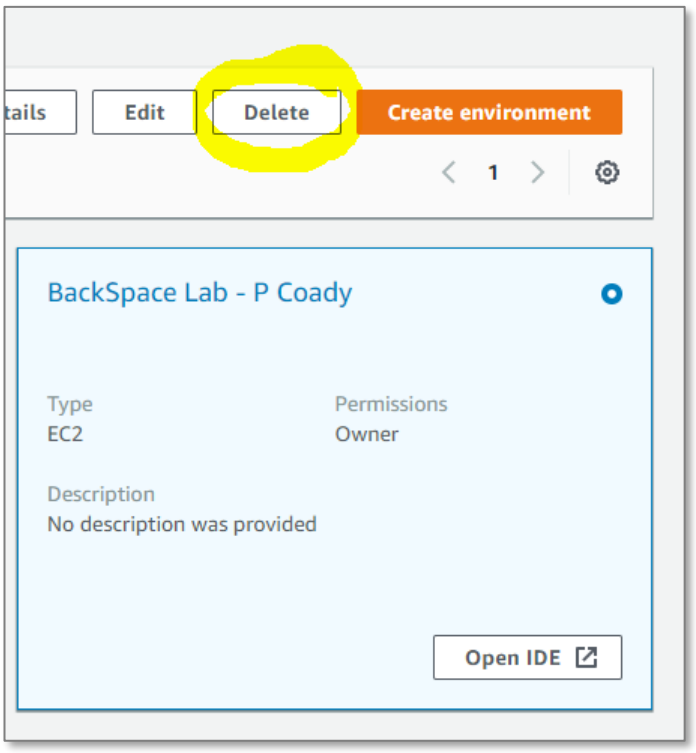

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