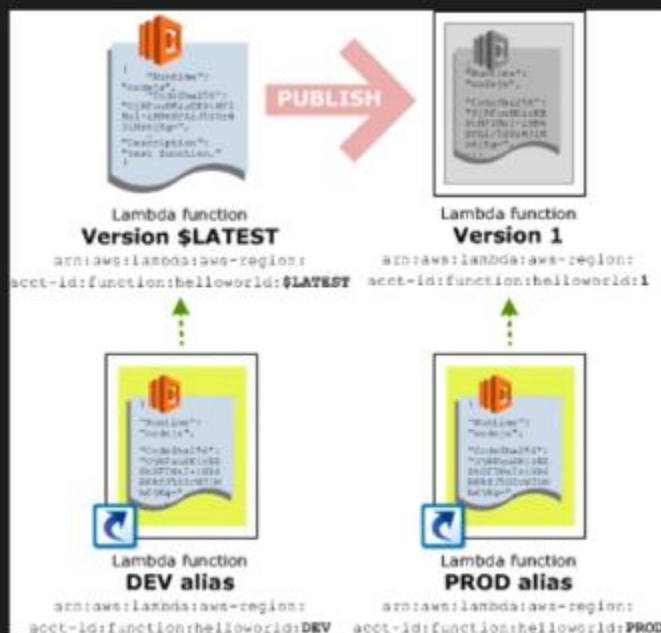


Versioning

AWS Lambda maintains your latest function code in the **\$LATEST** version. When you update your function code, AWS Lambda replaces the code in the \$LATEST version of the Lambda function.



Qualified/Unqualified ARNs

- You can refer to this function using its Amazon Resource Name (ARN). There are two ARNs associated with this initial version:
- Qualified ARN – The function ARN with the version suffix.
 - `arn:aws:lambda:aws-region:acct-id:function:helloworld:$LATEST`
- Unqualified ARN – The function ARN without the version suffix.
 - `arn:aws:lambda:aws-region:acct-id:function:helloworld`

Alias

After initially creating a Lambda function (the \$LATEST version), you can publish a version 1 of it. By creating an alias named PROD that points to version 1, you can now use the PROD alias to invoke version 1 of the Lambda function.

Now, you can update the code (the \$LATEST version) with all of your improvements, and then publish another stable and improved version (version 2). You can promote version 2 to production by remapping the PROD alias so that it points to version 2. If you find something wrong, you can easily roll back the production version to version 1 by remapping the PROD alias so that it points to version 1.

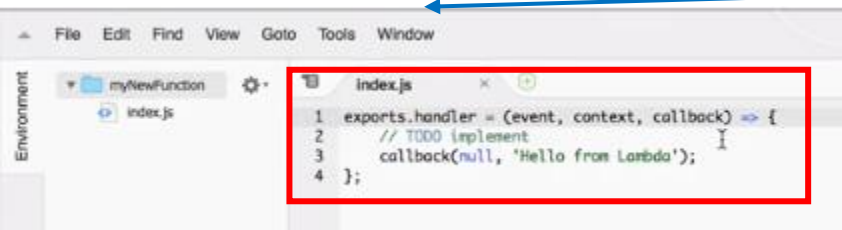


services

compute

lambda

Create
function



```
1 exports.handler = (event, context, callback) => {
2   // TODO implement
3   callback(null, 'Hello from Lambda');
4 }
```

ARN - arn:aws:lambda:us-west-1:673164704829:function:myNewFunction:\$LATEST

Version: \$LATEST

Actions

Select a test event..

Test

Save

ARN - arn:aws:lambda:us-west-1:673164704829:function:myNewFunction:\$LATEST

Version: \$LATEST

Actions

Select a test event..

Test

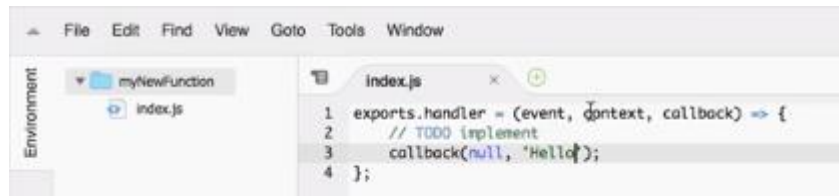
Save

Publish new version

Create alias

Delete function

Export function



```
1 exports.handler = (event, context, callback) => {
2   // TODO implement
3   callback(null, 'Hello');
4 }
```

ARN - arn:aws:lambda:us-west-1:673164704829:function:myNewFunction:\$LATEST

Publish new version from \$LATEST

Publishing a new version will save a "snapshot" of the code and configuration of the \$LATEST version. You will be unable to edit the new version's code. Please click to confirm.

Version description

Version 1

Cancel

Publish

ARN - arn:aws:lambda:us-west-1:673164704829:function:myNewFunction:1

Version: 1

Actions

Select a test event..

Test

Save

Function code (Preview)

Code and handler editing is only available for the \$LATEST version. [Click here to go to \\$LATEST.](#)

Runtime

Node.js 6.10

Handler

index.handler

index.js

```
1 exports.handler = (event, context, callback) => {
2   // TODO implement
3   callback(null, 'Hello');
4 }
```

Create a new alias



⌵ There was an error creating the alias: \$LATEST is not supported for an alias pointing to more than 1 version ⌵

An alias is a pointer to one or two versions. Select the version(s) you would like the alias to point to.

Name*

MySplitTraffic

Description

Version*

3



Weight: 80%

You can shift traffic between two versions, based on weights (%) that you assign. Click [here](#) to learn more.

Additional Version

2



Weight

20

%

Cancel

Create

Version Control With Lambda Exam Tips



A CLOUD GURU

- Can have multiple versions of lambda functions
- Latest version will use \$latest
- Qualified version will use \$latest, unqualified will not have it
- Versions are immutable (Cannot be changed).
- Can split traffic using aliases to different versions
 - Cannot split traffic with \$latest, instead create an alias to latest.

