IAM:   
Create Role:  
A screenshot of a computer

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Goto EC2:  
KeyPairs 🡪create keypair  
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Goto ElasticBeanstalk:  
Create new application:  
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Create envirnoment  
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check availability:  
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click next  
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select VPC  
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for health report let it be enhanced  
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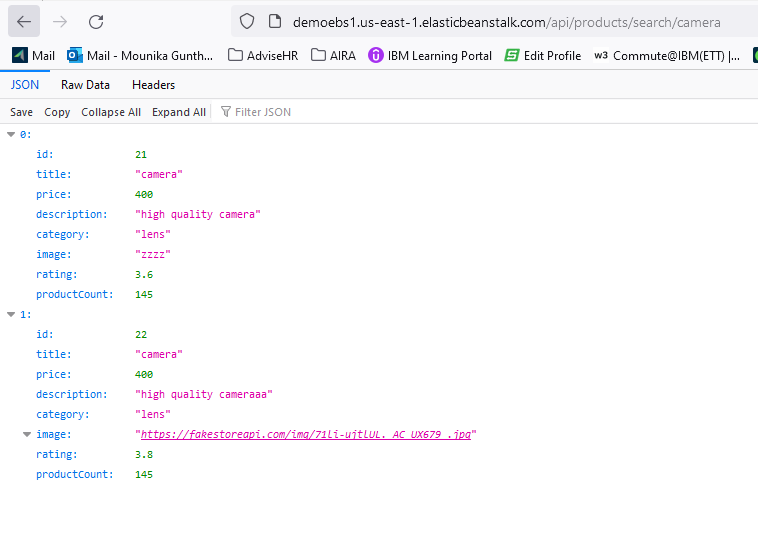
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Add server\_port as 5000 in environment properties  
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click next -> review and click submit  
wait for few minutes to environment get create  
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Environment launched successfully  
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Description automatically generated  
click on domain link: [DemoEBS1.us-east-1.elasticbeanstalk.com](http://DemoEBS1.us-east-1.elasticbeanstalk.com)  
you will see whitelabel error page  
just add /api/products/hello or /api/products/ to domain URL  
  
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 in health tag see the EC2 instance  
A screenshot of a computer

Description automatically generated  
A screenshot of a computer

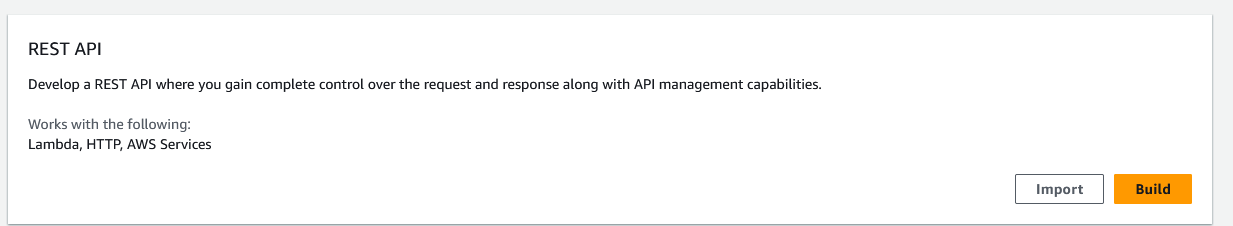
Description automatically generated  
  
goto EC2 check running instances:  
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Description automatically generated  
go to s3: see the buckets:   
A screenshot of a computer

Description automatically generated  
  
similar way for orders::  
  
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Description automatically generated  
A screenshot of a computer

Description automatically generated  
API Gateway: Rest API Connect  
  
select Rest API Build  
  
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Description automatically generated

Click create API  
select Actions -> select resource  
  
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Description automatically generated

Click create resource

Then on actions – click create method  
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select get from dropdown  
select HTTP integration and check the box of proxy integration and provide end point URL:  
http://ebsdemo.us-east-1.elasticbeanstalk.com/api/products/hello  
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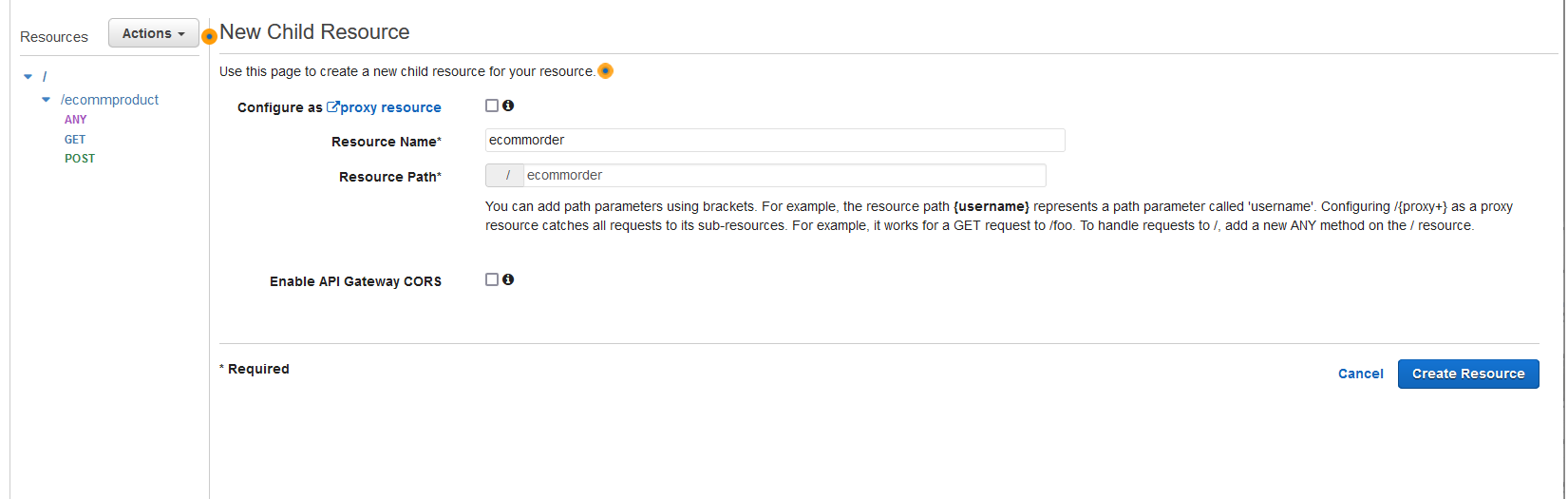
Description automatically generated  
click save  
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Description automatically generated  
same way create method post  
A screenshot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated  
A screenshot of a computer

Description automatically generated  
same way for order: <http://ebsorder.us-east-1.elasticbeanstalk.com/api/orders/hello>  
http://ebsorder.us-east-1.elasticbeanstalk.com/api/orders/  
  
A screenshot of a computer

Description automatically generated  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

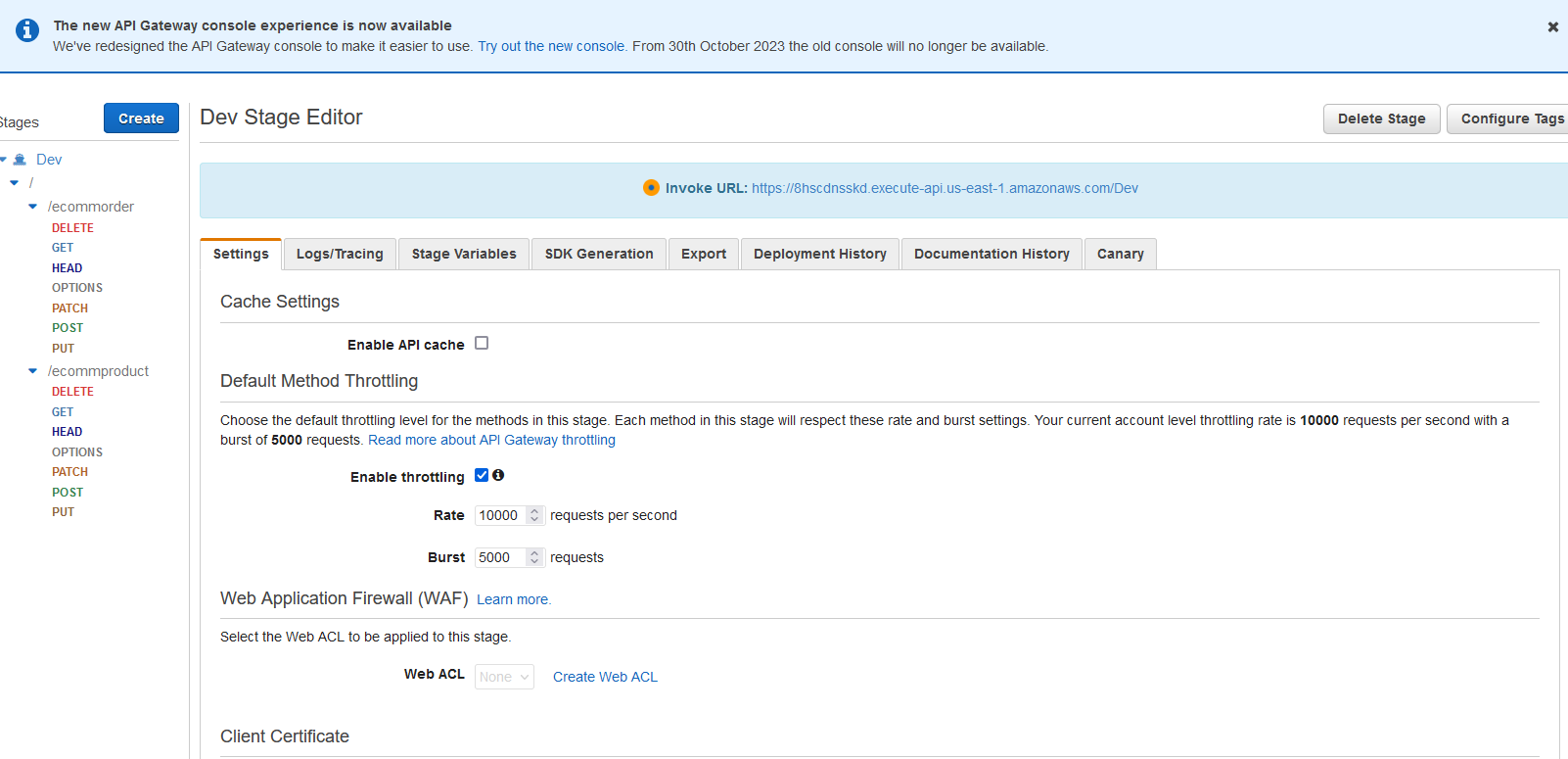
Description automatically generated

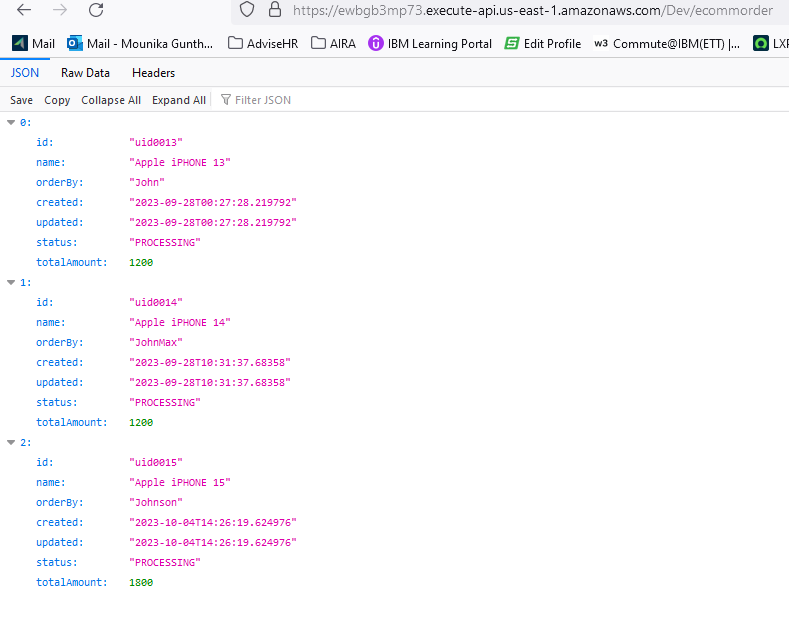
Deploy API  
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A screenshot of a computer

Description automatically generated

Click deploy  
receive a invoke URL:  
**Invoke URL:** <https://8hscdnsskd.execute-api.us-east-1.amazonaws.com/Dev>  


On click of order get/post url : <https://ewbgb3mp73.execute-api.us-east-1.amazonaws.com/Dev>  
  


On click of Product get/post url : https://ewbgb3mp73.execute-api.us-east-1.amazonaws.com/Dev/-ecommproduct  
