Assessment -12

S3, Route53

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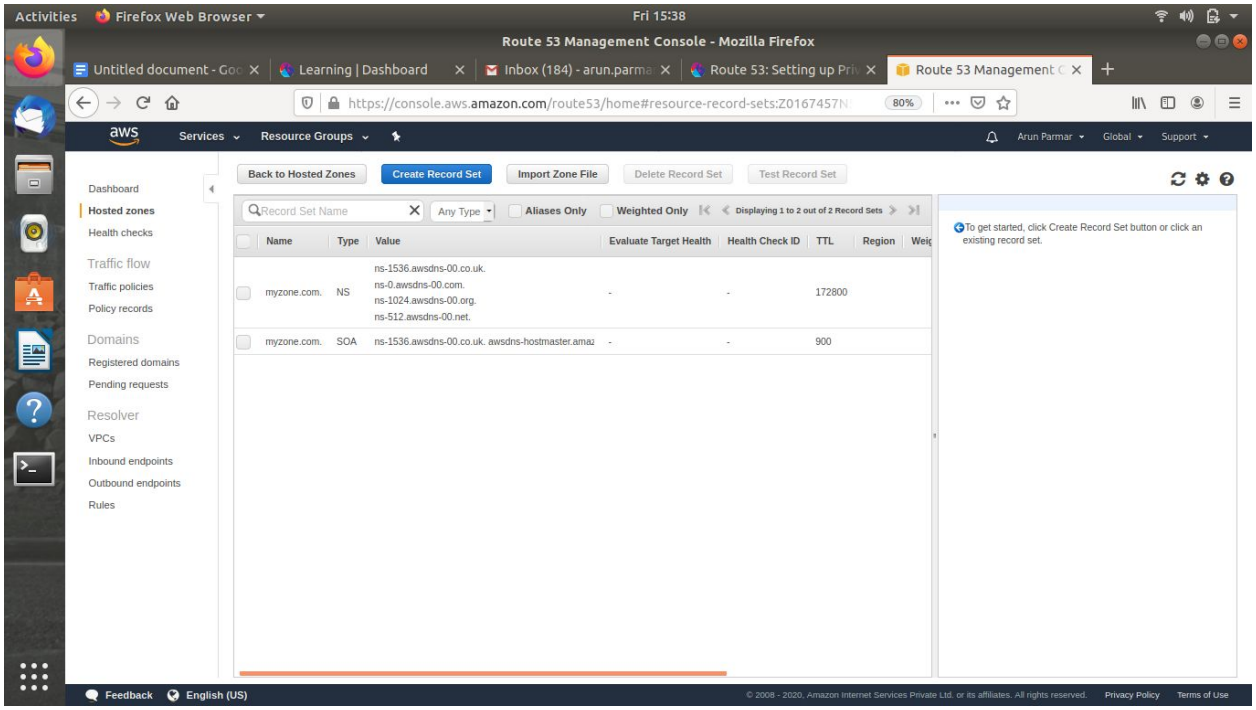
Mentor Name : Ravi Kumar
College: UPES

1) Create a private hosted zone named "ttn-internal.com" attached to the default vpc. and created a cname record "myloadbalance.ttn-internal.com" for any load balancer pointed to its dns. Do reverse lookup for the record from any instance of the vpc and share the result.


Activities
Firefox Web Browser
Fri 15:38
Route 53 Management Console - Mozilla Firefox
https://console.aws.amazon.com/route53/home#resource-record-sets:Z0167457
Services
Resource Groups
Arun Parmar
Global
Support
Back to Hosted Zones
Create Record Set
Import Zone File
Delete Record Set
Test Record Set
Dashboard
Hosted zones
Health checks
Traffic flow
Traffic policies
Policy records
Domains
Registered domains
Pending requests
Resolver
VPCs
Inbound endpoints
Outbound endpoints
Rules
Record Set Name
Any Type
Aliases Only
Weighted Only
Displaying 1 to 2 out of 2 Record Sets
Name
Type
Value
Evaluate Target Health
Health Check ID
TTL
Region
myzone.com.
NS
ns-1536.awsdns-00.co.uk.
ns-0.awsdns-00.com.
ns-1024.awsdns-00.org.
ns-512.awsdns-00.net.
172800
myzone.com.
SOA
ns-1536.awsdns-00.co.uk. awsdns-hostmaster.amaz
900
To get started, click Create Record Set button or click an existing record set.
Feedback
English (US)
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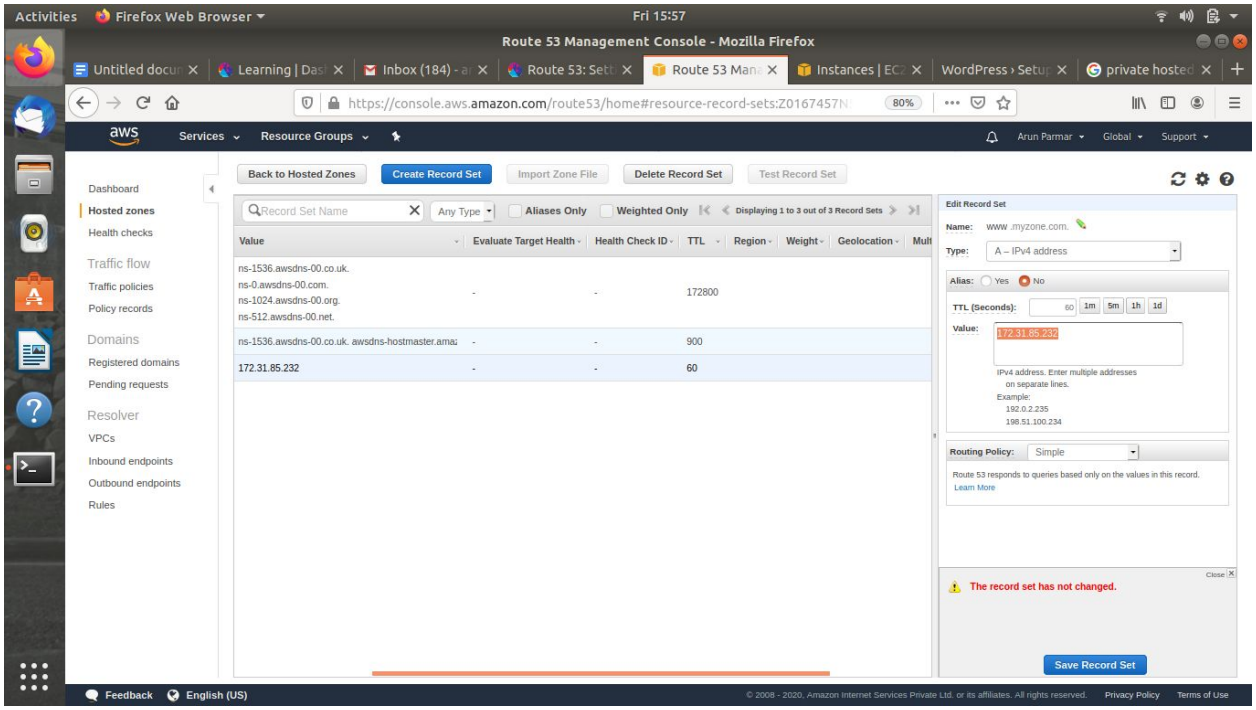
Activities
Firefox Web Browser
Fri 15:57
Route 53 Management Console - Mozilla Firefox
https://console.aws.amazon.com/route53/home#resource-record-sets:Z0167457
Services
Resource Groups
Arun Parmar
Global
Support
Back to Hosted Zones
Create Record Set
Import Zone File
Delete Record Set
Test Record Set
Dashboard
Hosted zones
Health checks
Traffic flow
Traffic policies
Policy records
Domains
Registered domains
Pending requests
Resolver
VPCs
Inbound endpoints
Outbound endpoints
Rules
Record Set Name
Any Type
Aliases Only
Weighted Only
Displaying 1 to 3 out of 3 Record Sets
Value
Evaluate Target Health
Health Check ID
TTL
Region
Weight
Geolocation
ns-1536.awsdns-00.co.uk.
ns-0.awsdns-00.com.
ns-1024.awsdns-00.org.
ns-512.awsdns-00.net.
172800
ns-1536.awsdns-00.co.uk. awsdns-hostmaster.amaz
900
172.31.85.232
60
Edit Record Set
Name:
www .myzone.com.
Type:
A – IPv4 address
Alias:
Yes
No
TTL (Seconds):
60
1m
5m
1h
1d
Value:
172.31.85.232
IPv4 address. Enter multiple addresses on separate lines.
Example:
192.0.2.235
198.51.100.234
Routing Policy:
Simple
Route 53 responds to queries based only on the values in this record.
Learn More
The record set has not changed.
Save Record Set
Feedback
English (US)
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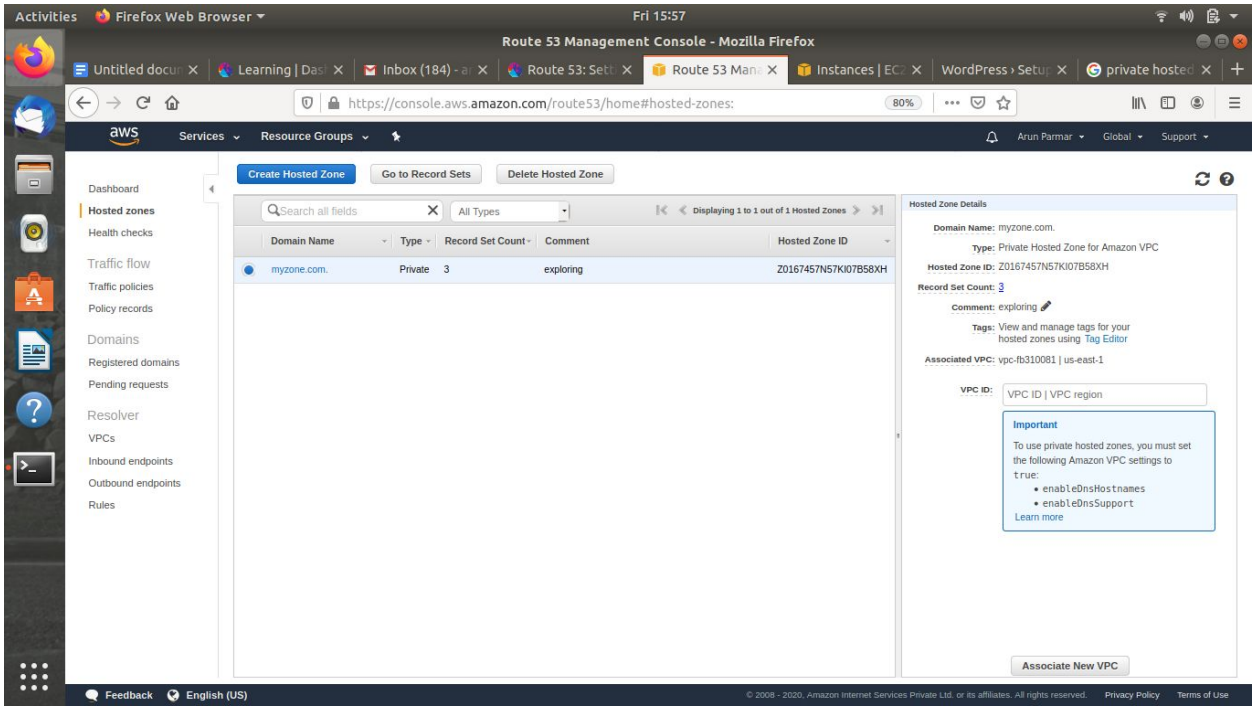
Activities
Firefox Web Browser
Fri 15:57
Route 53 Management Console - Mozilla Firefox
https://console.aws.amazon.com/route53/home#hosted-zones:
Services
Resource Groups
Arun Parmar
Global
Support
Dashboard
Hosted zones
Health checks
Traffic flow
Traffic policies
Policy records
Domains
Registered domains
Pending requests
Resolver
VPCs
Inbound endpoints
Outbound endpoints
Rules
Create Hosted Zone
Go to Record Sets
Delete Hosted Zone
Search all fields
All Types
Displaying 1 to 1 out of 1 Hosted Zones
Domain Name
Type
Record Set Count
Comment
Hosted Zone ID
myzone.com.
Private
3
exploring
Z0167457N57KI07B58XH
Hosted Zone Details
Domain Name: myzone.com.
Type: Private Hosted Zone for Amazon VPC
Hosted Zone ID: Z0167457N57KI07B58XH
Record Set Count: 3
Comment: exploring
Tags: View and manage tags for your hosted zones using Tag Editor
Associated VPC: vpc-fb310081 | us-east-1
VPC ID:
VPC ID | VPC region
Important
To use private hosted zones, you must set the following Amazon VPC settings to true:
enableDnsHostnames
enableDnsSupport
Learn more
Associate New VPC
Feedback
English (US)
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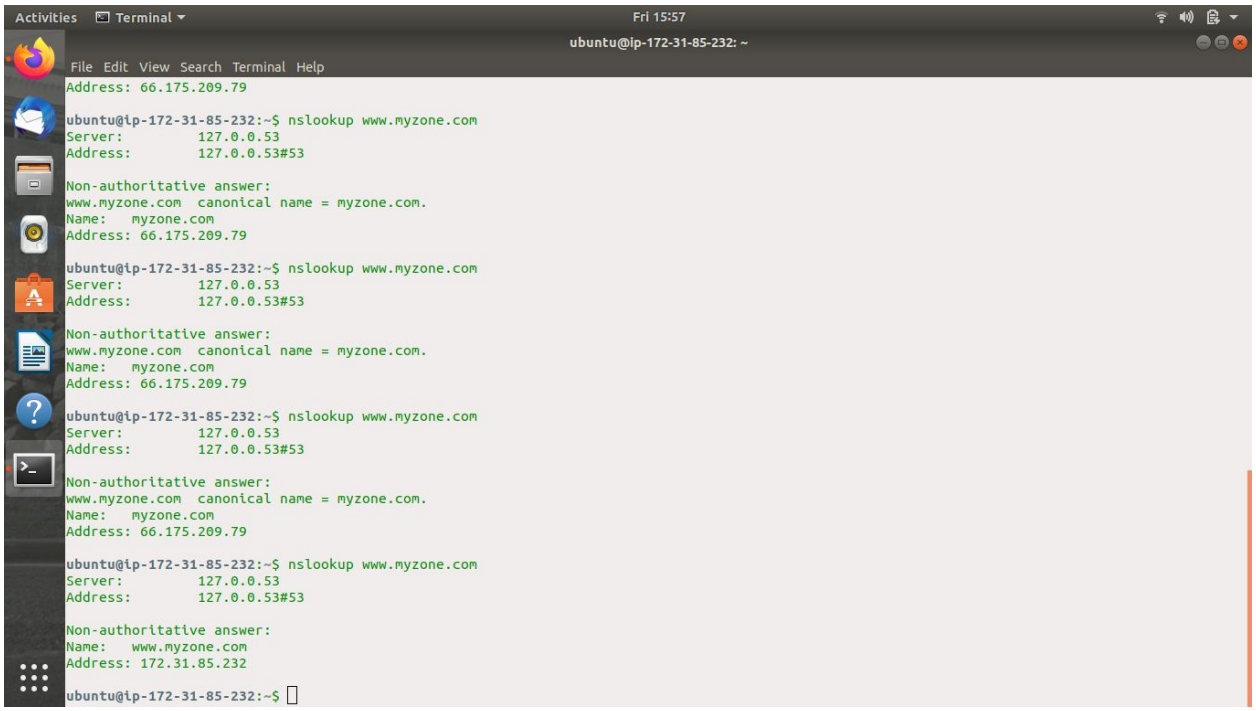
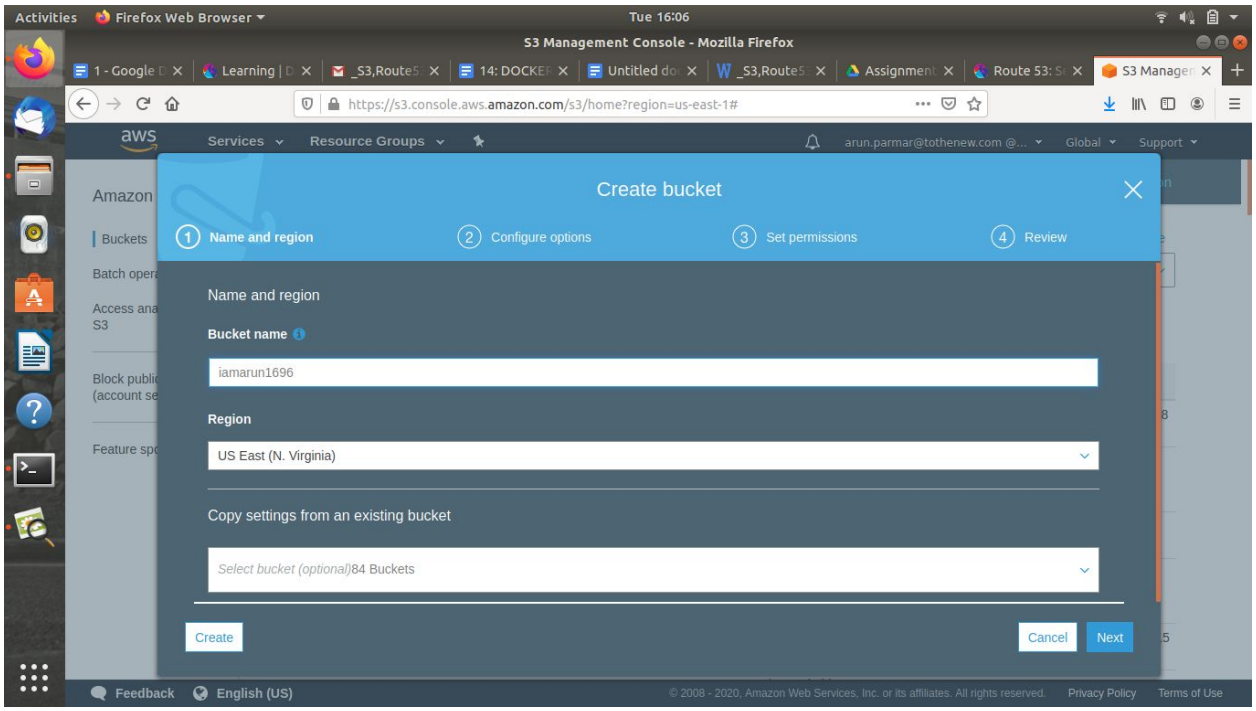
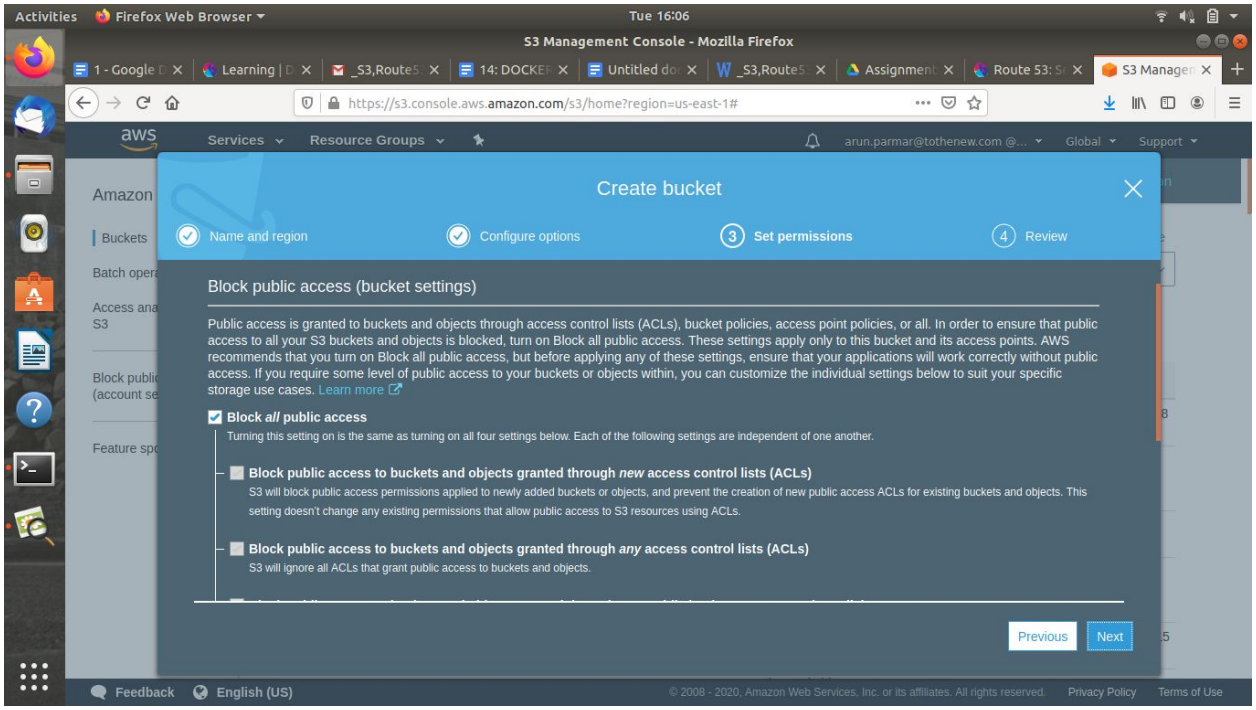
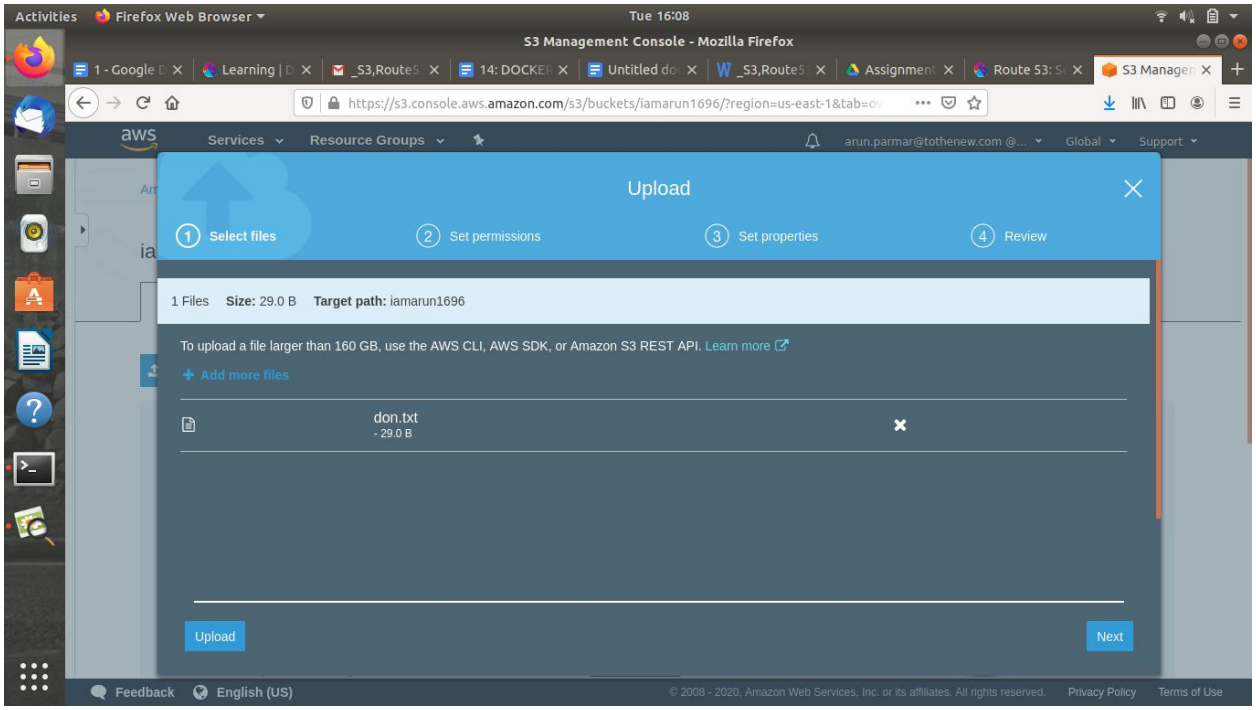

Activities
Terminal
Fri 15:57
ubuntu@ip-172-31-85-232: ~
File Edit View Search Terminal Help
Address: 66.175.209.79
ubuntu@ip-172-31-85-232:~$ nslookup www.myzone.com
Server: 127.0.0.53
Address: 127.0.0.53#53
Non-authoritative answer:
www.myzone.com canonical name = myzone.com.
Name: myzone.com
Address: 66.175.209.79
ubuntu@ip-172-31-85-232:~$ nslookup www.myzone.com
Server: 127.0.0.53
Address: 127.0.0.53#53
Non-authoritative answer:
www.myzone.com canonical name = myzone.com.
Name: myzone.com
Address: 66.175.209.79
ubuntu@ip-172-31-85-232:~$ nslookup www.myzone.com
Server: 127.0.0.53
Address: 127.0.0.53#53
Non-authoritative answer:
www.myzone.com canonical name = myzone.com.
Name: myzone.com
Address: 66.175.209.79
ubuntu@ip-172-31-85-232:~$ nslookup www.myzone.com
Server: 127.0.0.53
Address: 127.0.0.53#53
Non-authoritative answer:
Name: www.myzone.com
Address: 172.31.85.232
ubuntu@ip-172-31-85-232:~$

2) Create a non-public S3 bucket and give appropriate permissions to a server to download objects from bucket but not to put or delete anything in it.






Activities
Firefox Web Browser
Tue 16:08
S3 Management Console - Mozilla Firefox
https://s3.console.aws.amazon.com/s3/buckets/iamarun1696/?region=us-east-1&tab=o
Services
Resource Groups
arun.parmar@tothenew.com @...
Global
Support
Upload
1 Select files
2 Set permissions
3 Set properties
4 Review
1 Files Size: 29.0 B Target path: iamarun1696
To upload a file larger than 160 GB, use the AWS CLI, AWS SDK, or Amazon S3 REST API. Learn more
Add more files
don.txt
- 29.0 B
Upload
Next
Feedback
English (US)
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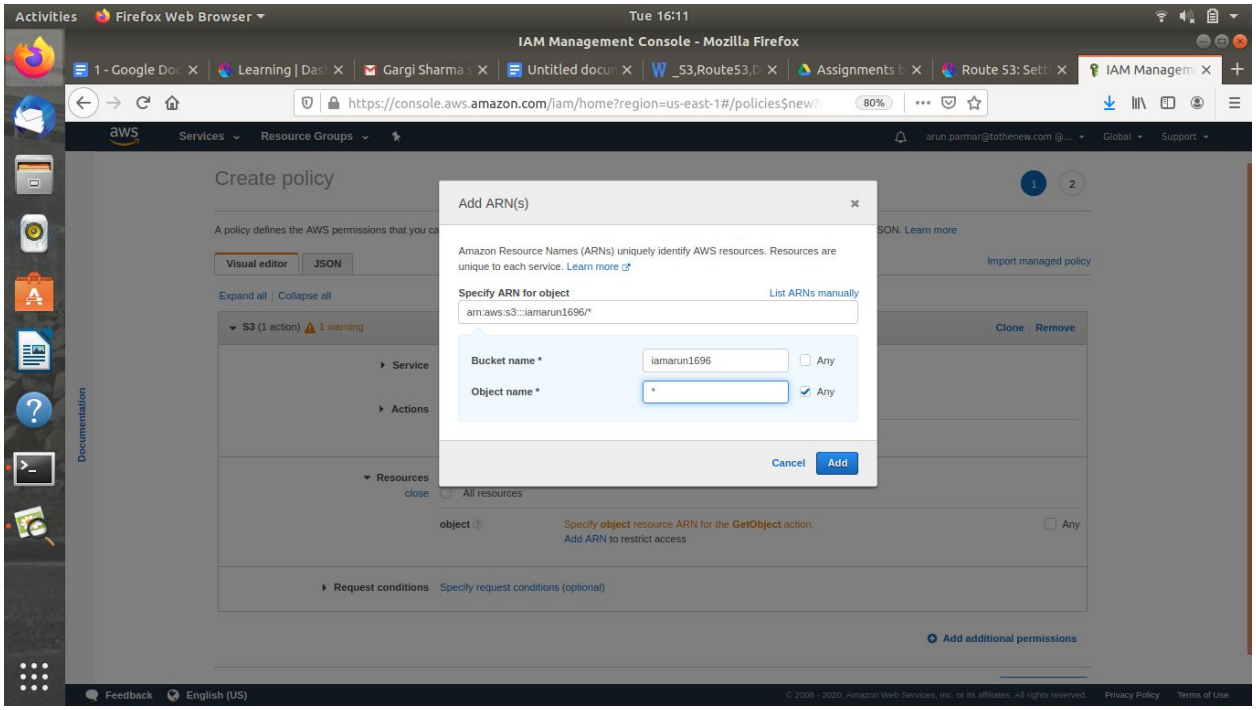
Activities
Firefox Web Browser
Tue 16:11
IAM Management Console - Mozilla Firefox
https://console.aws.amazon.com/iam/home?region=us-east-1#/policies$new?
Services
Resource Groups
arun.parmar@tothenew.com @...
Global
Support
Create policy
Visual editor
JSON
Import managed policy
Expand all | Collapse all
Clone | Remove
Service
Actions
Resources
All resources
Request conditions
Specify request conditions (optional)
Add additional permissions
Add ARN(s)
Amazon Resource Names (ARNs) uniquely identify AWS resources. Resources are unique to each service. Learn more
Specify ARN for object
List ARNs manually
arn:aws:s3:::iamarun1696/*
Bucket name *
iamarun1696
Any
Object name *
*
Any
Cancel
Add
Documentation
Feedback
English (US)
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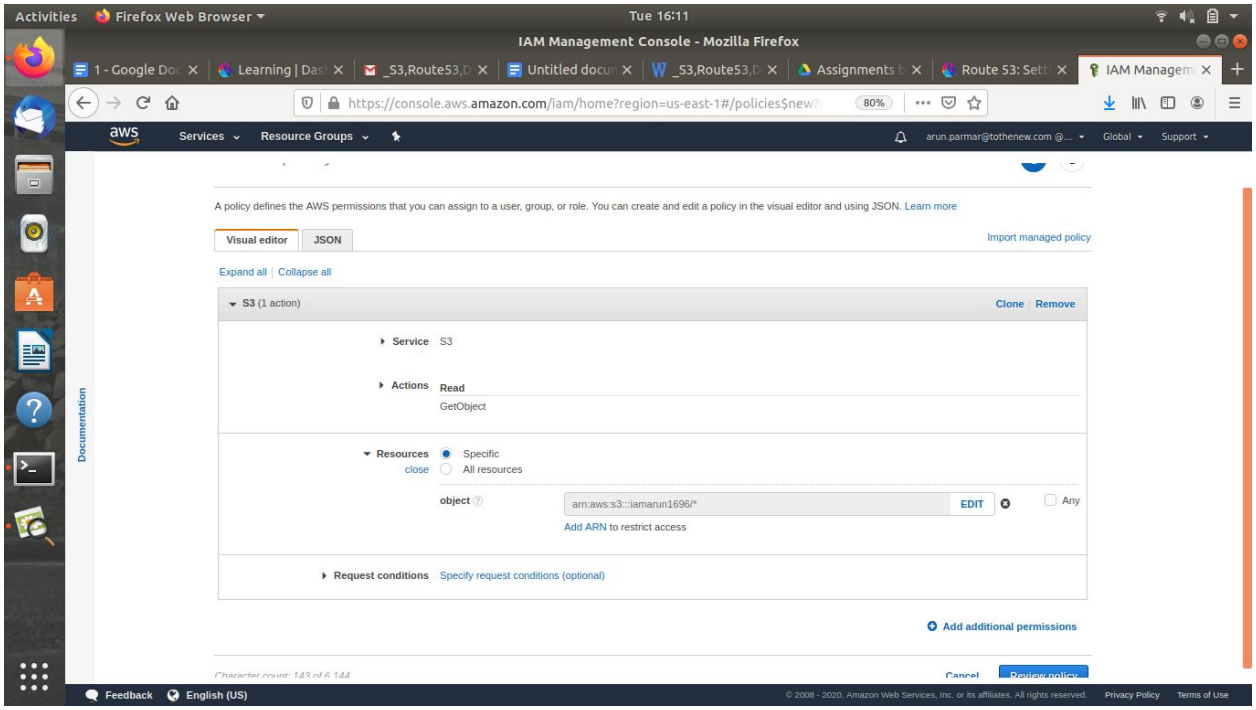
Activities
Firefox Web Browser
Tue 16:11
IAM Management Console - Mozilla Firefox
https://console.aws.amazon.com/iam/home?region=us-east-1#/policies$new?
Services
Resource Groups
arun.parmar@tothenew.com @...
Global
Support
A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor and using JSON. Learn more
Visual editor
JSON
Import managed policy
Expand all | Collapse all
S3 (1 action)
Clone | Remove
Service S3
Actions Read
GetObject
Resources
close
Specific
All resources
object
arn:aws:s3:::iamarun1696/*
EDIT
Any
Add ARN to restrict access
Request conditions
Specify request conditions (optional)
Add additional permissions
Cancel
Review policy
Documentation
Feedback
English (US)
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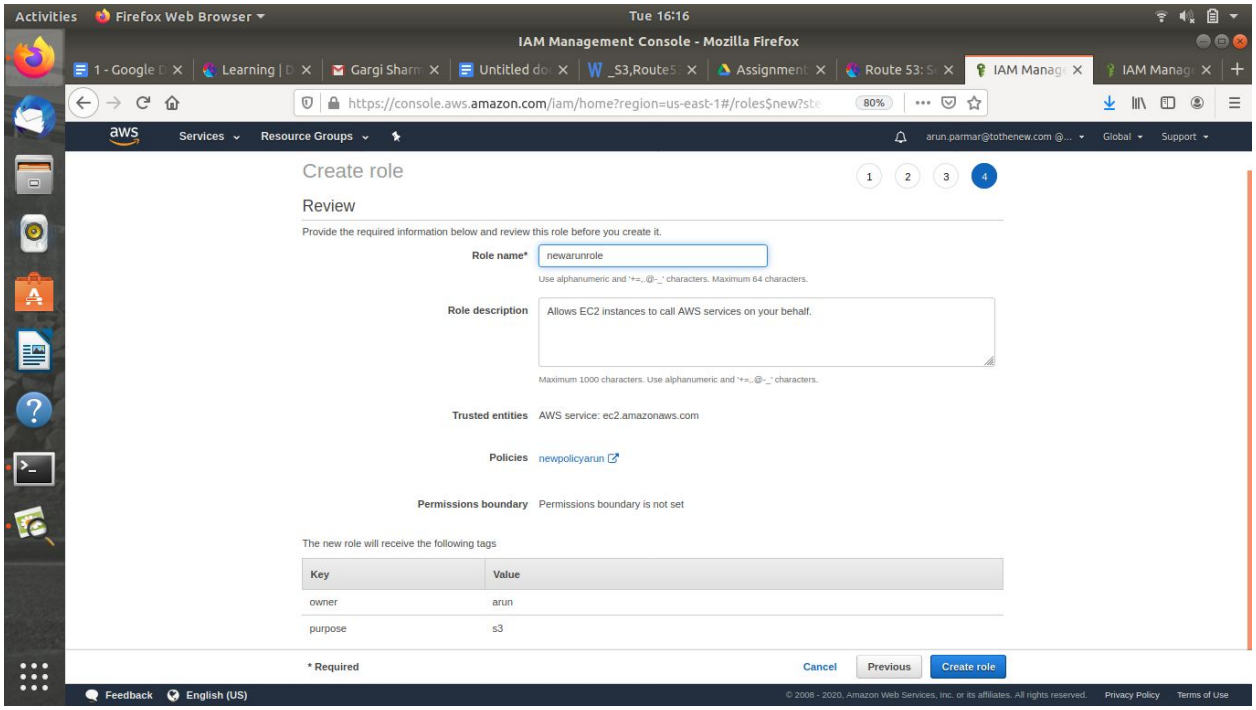
Activities
Firefox Web Browser
Tue 16:16
IAM Management Console - Mozilla Firefox
https://console.aws.amazon.com/iam/home?region=us-east-1#/roles$new?
Services
Resource Groups
arun.parmar@tothenew.com @...
Global
Support
Create role
1
2
3
4
Review
Provide the required information below and review this role before you create it.
Role name*
newarunrole
Use alphanumeric and '+=,.@-_' characters. Maximum 64 characters.
Role description
Allows EC2 instances to call AWS services on your behalf.
Maximum 1000 characters. Use alphanumeric and '+=,.@-_' characters.
Trusted entities
AWS service: ec2.amazonaws.com
Policies
newpolicyarun
Permissions boundary
Permissions boundary is not set
The new role will receive the following tags
Key
Value
owner
arun
purpose
s3
* Required
Cancel
Previous
Create role
Feedback
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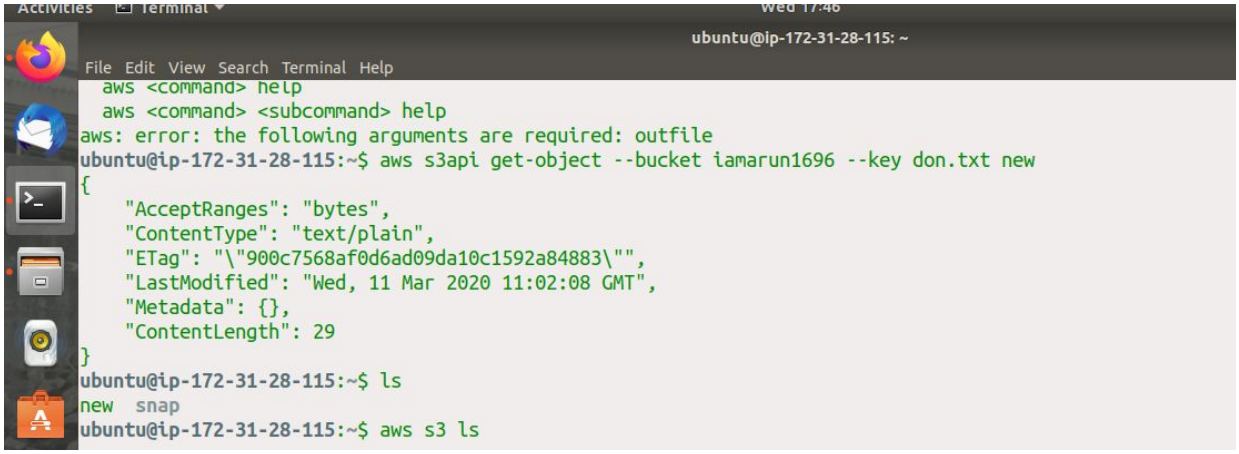
Activities
Terminal
Wed 17:46
ubuntu@ip-172-31-28-115: ~
File Edit View Search Terminal Help
aws <command> help
aws <command> <subcommand> help
aws: error: the following arguments are required: outfile
ubuntu@ip-172-31-28-115:~$ aws s3api get-object --bucket iamarun1696 --key don.txt new
{
"AcceptRanges": "bytes",
"ContentType": "text/plain",
"ETag": "\"900c7568af0d6ad09da10c1592a84883\"",
"LastModified": "Wed, 11 Mar 2020 11:02:08 GMT",
"Metadata": {},
"ContentLength": 29
}
ubuntu@ip-172-31-28-115:~$ ls
new snap
ubuntu@ip-172-31-28-115:~$ aws s3 ls