

Browser tabs: Your VPCs | VPC Management Console, AWS Network Insights Console, Instances | EC2 Management Console, EC2 Instance Connect

URL: https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#vpcs

Services Search [Alt+S]

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways

Your VPCs (1/3) Info

Filter VPCs

Name	VPC ID	State	IPv4 CIDR
-	vpc-06f405c2a337e0f4f	Available	172.31.0.0/16
mylwpvc	vpc-09de6be94b00bafaf	Available	192.168.0.0/16
test	vpc-0abd20a8b78f83733	Available	10.10.0.0/16

vpc-09de6be94b00bafaf / mylwpvc

Details Resource map CIDRs Flow logs Tags

Details

VPC ID	State	DNS hostnames	DNS resolution
vpc-09de6be94b00bafaf	Available	Disabled	Enabled

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27°C Haze 11:25 05-02-2023

Browser tabs: VPC Management Console, AWS Network Insights Console, Instances | EC2 Management Console, EC2 Instance Connect

URL: https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateVpcFlowLog:VpcId=vpc-09de6be94b00bafaf

Services Search [Alt+S]

VPC > Your VPCs > Create flow log

Create flow log Info

Flow logs can capture IP traffic flow information for the network interfaces associated with your resources. You can create multiple flow logs to send traffic to different destinations.

Selected resources Info

Name	Resource ID	State
mylwpvc	vpc-09de6be94b00bafaf	Available

Flow log settings

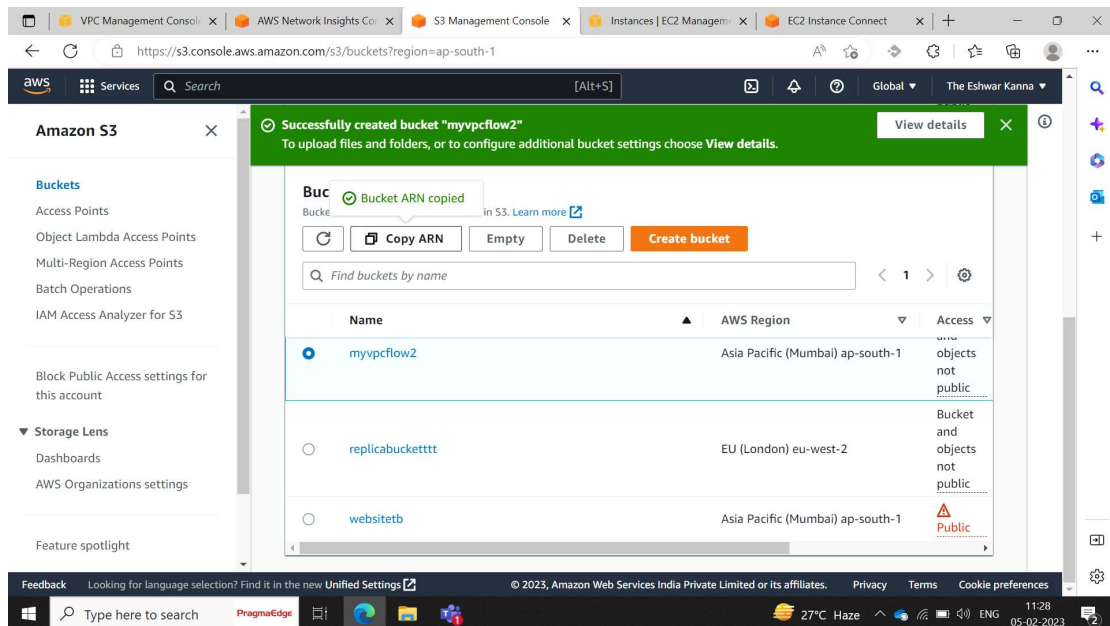
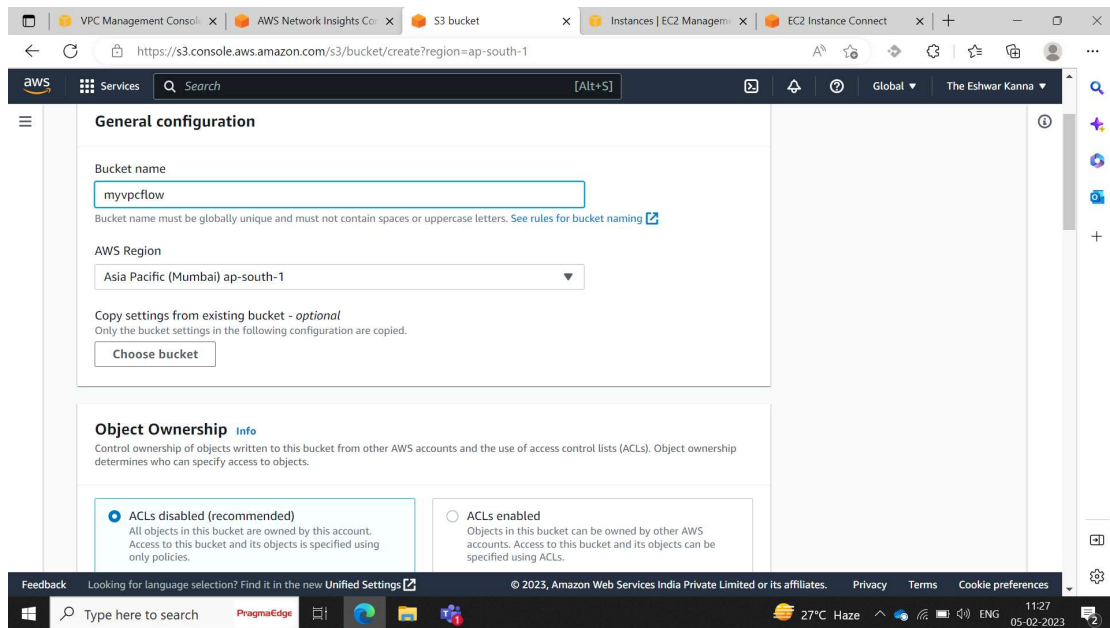
Name - optional
my-flow-log-01

Filter
The type of traffic to capture (accepted traffic only, rejected traffic only, or all traffic).
☐ Accept

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VPC Management Console | AWS Network Insights Console | S3 Management Console | Instances | EC2 Management | EC2 Instance Connect

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateVpcFlowLog/VpcId=vpc-09de6be94b00...

S3 bucket ARN
The ARN of the Amazon S3 bucket to which the flow log is published. You can specify a specific folder in the bucket using the bucket_ARN/folder_name/ format. [Create S3 bucket](#)

arnaws:s3::myvpcflow2

Please note, a resource-based policy will be created for you and attached to the target bucket.

Log record format
Specify the fields to include in the flow log record.

☒ AWS default format
☐ Custom format

Format preview

```
$(version) $(account-id) ${interface-id} ${srcaddr} ${dstaddr} ${srcport} ${dstport}
$(protocol) ${packets} ${bytes} ${start} ${end} ${action} ${log-status}
```

[Copy](#)

Log file format [Info](#)
The format for the log files. Each log file is compressed using Gzip compression.

☒ Text (default)
☐ Parquet

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Your VPCs | VPC Management | AWS Network Insights Console | S3 Management Console | Instances | EC2 Management | EC2 Instance Connect

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#vpcs:

Your VPCs (1/3) Info

Filter VPCs

Name	VPC ID	State	IPv4 CIDR
-	vpc-06f405c2a337e0f4f	Available	172.31.0.0/16
<input checked="" type="checkbox"/> mylwvpc	vpc-09de6be94b00bafaf	Available	192.168.0.0/16
<input type="checkbox"/> test	vpc-0abd20a8b78f83733	Available	10.10.0.0/16

Flow logs (1/1) Info

Filter flow logs

Name	Flow log ID	Filter	Destination
<input checked="" type="checkbox"/> mynetworkflow	fl-08fabceec976a54af	ALL	s3

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Amazon S3

myvpcflow2

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete

Actions Create folder Upload

Find objects by prefix

<input checked="" type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	AWSLogs/	Folder	-	-	-

Subnets (1/9)

Filter subnets

<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4
<input type="checkbox"/>	one	subnet-0e9fddb0264c2e7ba	Available	vpc-0abd20a8b78f83733 test	10.10.0.0/24
<input type="checkbox"/>	-	subnet-0546dc709d5e8a4ab	Available	vpc-06f405c2a337e0f4f	172.16.0.0/24
<input type="checkbox"/>	private-sub-1b	subnet-0a29b79dc90752fa6	Available	vpc-09de6be94b00bafaf myl...	192.168.0.0/24
<input checked="" type="checkbox"/>	private-sub-1a	subnet-06e9cbc5750a3b5f0	Available	vpc-09de6be94b00bafaf myl...	192.168.0.0/24

Network ACL: acl-06969a219c22c73ca

Edit network ACL association

Inbound rules (2)

Network ACLs | VPC | AWS Network Insig... myvpflow2 - S3 bu... Modify IAM role | E... VPC Management C... EC2 Instance Conne... + -

← https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ModifyIAMRole:instanceId=i-0d152c3b817fa3a3e... A...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

EC2 > Instances > i-0d152c3b817fa3a3e > Modify IAM role

Modify IAM role [Info](#)

Attach an IAM role to your instance.

Instance ID
i-0d152c3b817fa3a3e (private-1a)

IAM role
Select an IAM role to attach to your instance or create a new role if you haven't created any. The role you select replaces any roles that are currently attached to your instance.

ec2tos3 [Create new IAM role](#)

Cancel [Update IAM role](#)

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VPC Management C... AWS Network Insig... myvpflow2 - S3 bu... Instances | EC2 Man... VPC Management C... EC2 Instance Conne... + -

← https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09f460655459a... A...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
Last login: Sun Feb 5 06:28:36 2023 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com

 _ _ _ _ _
|_ _ _ _ _| Amazon Linux 2 AMI
|_ _ _ _ _|

https://aws.amazon.com/amazon-linux-2/
14 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-1-14 ~]$ ssh -i windows.pem ec2-user@192.168.3.29
Last login: Sun Feb 5 06:34:59 2023 from 192.168.1.14

 _ _ _ _ _
|_ _ _ _ _| Amazon Linux 2 AMI
|_ _ _ _ _|

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
[ec2-user@ip-192-168-3-29 ~]$ its not working because we dont have nat gateway connected to take to internet
```

i-09f460655459ab452 (pub-1a)

PublicIPs: 13.233.196.30 PrivateIPs: 192.168.1.14

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URL: <https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09f460655459a...>

Services Search [Alt+S] Mumbai The Eshwar Kanna

Last login: Sun Feb 5 06:28:36 2023 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com

```

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_ | _ _ | _

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
14 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-1-14 ~]$ ssh -i windows.pem ec2-user@192.168.3.29
Last login: Sun Feb 5 06:34:59 2023 from 192.168.1.14

_ _ _ _ _
_ | ( _ | _
_ | \ _ | _
_ | _ _ | _

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
o
[ec2-user@ip-192-168-3-29 ~]$ here we can use private link to connect to s3

```

i-09f460655459ab452 (pub-1a)

PublicIPs: 13.233.196.30 PrivateIPs: 192.168.1.14

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URL: <https://s3.console.aws.amazon.com/s3/buckets/myvpcflow2?region=ap-south-1&prefix=AWSLogs/789576624500/vpcflowlogs...>

Amazon S3 Buckets myvpcflow2 AWSLogs/ 789576624500/ vpcflowlogs/

Copy S3 URI

vpcflowlogs/

Objects Properties

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions

Create folder Upload

Find objects by prefix

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	ap-south-1/	Folder	-	-	-

1

https://s3.console.aws.amazon.com/s3/buckets/myvpcflow2?region=ap-south-1&prefix=AWSLogs/789576624500/vpcflowlogs/ap-south-1/&showversions=false or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 30°C Sunny 12:15 05-02-2023

Route tables | VPC Manag | myxpcflow2 - S3 bucket | Instances | EC2 Managem | VPC Management Consol | EC2 Instance Connect

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateVpcEndpoint:

Services [Alt+S]

Mumbai The Eshwar Kanna

Endpoint settings

Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
ec2tos3endpoint

Service category
Select the service category

☒ **AWS services**
Services provided by Amazon

☐ PrivateLink Ready partner services
Services with an AWS Service Ready designation

☐ AWS Marketplace services
Services that you've purchased through AWS Marketplace

☐ Other endpoint services
Find services shared with you by service name

Services (1/4)

Filter services

search: s3 Clear filters

Service Name	Owner	Type
--------------	-------	------

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Route tables | VPC Manag | myxpcflow2 - S3 bucket | Instances | EC2 Managem | VPC Management Consol | EC2 Instance Connect

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateVpcEndpoint:

Services [Alt+S]

Mumbai The Eshwar Kanna

Filter services

search: s3 Clear filters

Service Name	Owner	Type
--------------	-------	------

VPC
Select the VPC in which to create the endpoint

VPC
The VPC in which to create your endpoint.
vpc-09de6be94b00bafaf (mylwvpc)

Route tables (1/2) Info

Filter route tables

Name	Route Table ID	Main
<input checked="" type="checkbox"/> myrtformat	rtb-02929fa0b1b0399bd (myrtformat)	Yes
<input type="checkbox"/> mylwrt	rtb-0dd8f17b96f8a5d4e (mylwrt)	No

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Route tables | VPC Manager x myxpcflow2 - S3 bucket x Instances | EC2 Manager x Endpoints | VPC Manager x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Endpoints:vpceEndpointId=vpce-0fbddb3b328c64a28

Services Search [Alt+S] Mumbai The Eshwar Kanna

VPC dashboard x EC2 Global View New Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways

Endpoints (1/1) Info

Filter endpoints

VPC endpoint ID: vpce-0fbddb3b328c64a28 Clear filters

Name	VPC endpoint ID	VPC ID	Service name
ec2tos3endpoint	vpce-0fbddb3b328c64a28	vpc-09de6be94b00bafaf mylwwpc	com.amazonaws.ap-s...

Route tables (1)

Filter route tables

Name	Route Table ID	Main
myrtformat	rtb-02929fa0b1b0399bd (myrtformat)	Yes

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Route tables | VPC Manager x myxpcflow2 - S3 bucket x Instances | EC2 Manager x Route tables | VPC Manager x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTables:routeTableId=rtb-02929fa0b1b0399bd

Services Search [Alt+S] Mumbai The Eshwar Kanna

VPC dashboard x EC2 Global View New Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways

Route tables (1/1) Info

Filter route tables

Route table ID: rtb-02929fa0b1b0399bd Clear filters

Name	Route table ID	Explicit subnet associat...	Edge associations	Main
myrtformat	rtb-02929fa0b1b0399bd	-	-	Yes

Destination	Target	Status	Propagated
pl-78a54011	vpce-0fbddb3b328c64a28	Active	No
192.168.0.0/16	local	Active	No

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30°C Sunny 12:38 05-02-2023

Route tables | VPC Manager x myvpcflow2 - S3 bucket x Instances | EC2 Manager x Route tables | VPC Manager x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09f460655459a...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls --region ap-south-1
2022-12-06 06:45:44 autolockingucket
2023-01-31 13:46:03 aws-quicksetup-patchpolicy-789576624500-nlutc
2023-01-31 13:45:15 aws-quicksetup-patchpolicy-access-log-789576624500-nlutc
2023-02-05 05:59:42 myvpcflow2
2022-12-04 16:23:54 replicabucketttt
2022-12-06 06:45:44 websitetb
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$ here we have connected to s3 using endpoint instead NAT and Gateway

```

i-09f460655459ab452 (pub-1a)

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Route tables | VPC Manager x myvpcflow2 - S3 bucket x Instances | EC2 Manager x Endpoints | VPC Manager x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Endpoints:

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints**
- Endpoint services
- NAT gateways
- Peering connections

Security

- Network ACLs
- Security groups

Endpoints Info

Filter endpoints

Name	VPC endpoint ID	VPC ID	Service name
No endpoint found matching these criteria			

Select an endpoint

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Route tables | VPC Manag x myvpflow2 - S3 bucket x Instances | EC2 Managem x Endpoints | VPC Managem x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09f460655459a...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```

[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls
^C
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls --region ap-south-1
2022-12-06 06:45:44 autolockingucket
2023-01-31 13:46:03 aws-quicksetup-patchpolicy-789576624500-nlutc
2023-01-31 13:45:15 aws-quicksetup-patchpolicy-access-log-789576624500-nlutc
2023-02-05 05:59:42 myvpflow2
2022-12-04 16:23:54 replicabucketttt
2022-12-06 06:45:44 websitetb
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls --region ap-south-1

```

i-09f460655459ab452 (pub-1a)

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Route tables | VPC Manag x Endpoints | VPC Managem x myvpflow2 - S3 bucket x Instances | EC2 Managem x EC2 Instance Connect x

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Endpoints:vpcEndpointId=vpce-06fe3101ffd3...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

VPC dashboard x EC2 Global View x New

Filter by VPC: Select a VPC

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints**
- Endpoint services
- NAT gateways

Successfully created VPC endpoint
vpce-06fe3101ffd3882c6

Endpoints (1/1) Info

Filter endpoints

VPC endpoint ID: vpce-06fe3101ffd3882c6 Clear filters

Name	VPC endpoint ID	VPC ID	Service name
ec2tosepoint	vpce-06fe3101ffd3882c6	vpc-09de6be94b00bafaf mytwwpc	com.amazonaws.ap-s...

vpce-06fe3101ffd3882c6 / ec2tosepoint

Details Route tables Policy Tags

Details

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Route tables | VPC Manag... | Endpoints | VPC Manag... | myvpflow2 - S3 bucket | Instances | EC2 Managem... | EC2 Instance Connect

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09f460655459a...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls --region ap-south-1
2022-12-06 06:45:44 autolockingucket
2023-01-31 13:46:03 aws-quicksetup-patchpolicy-789576624500-nlutc
2023-01-31 13:45:19 aws-quicksetup-patchpolicy-access-log-789576624500-nlutc
2023-02-05 05:59:42 myvpflow2
2022-12-04 16:23:54 replicabucketttt
2022-12-06 06:45:44 websitetb
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$
[ec2-user@ip-192-168-3-29 ~]$ aws s3 ls --region ap-south-1
2022-12-06 06:45:44 autolockingucket
2023-01-31 13:46:03 aws-quicksetup-patchpolicy-789576624500-nlutc
2023-01-31 13:45:19 aws-quicksetup-patchpolicy-access-log-789576624500-nlutc
2023-02-05 05:59:42 myvpflow2
2022-12-04 16:23:54 replicabucketttt
2022-12-06 06:45:44 websitetb
[ec2-user@ip-192-168-3-29 ~]$
```

i-09f460655459ab452 (pub-1a)

PublicIPs: 13.233.196.30 PrivateIPs: 192.168.1.14

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