

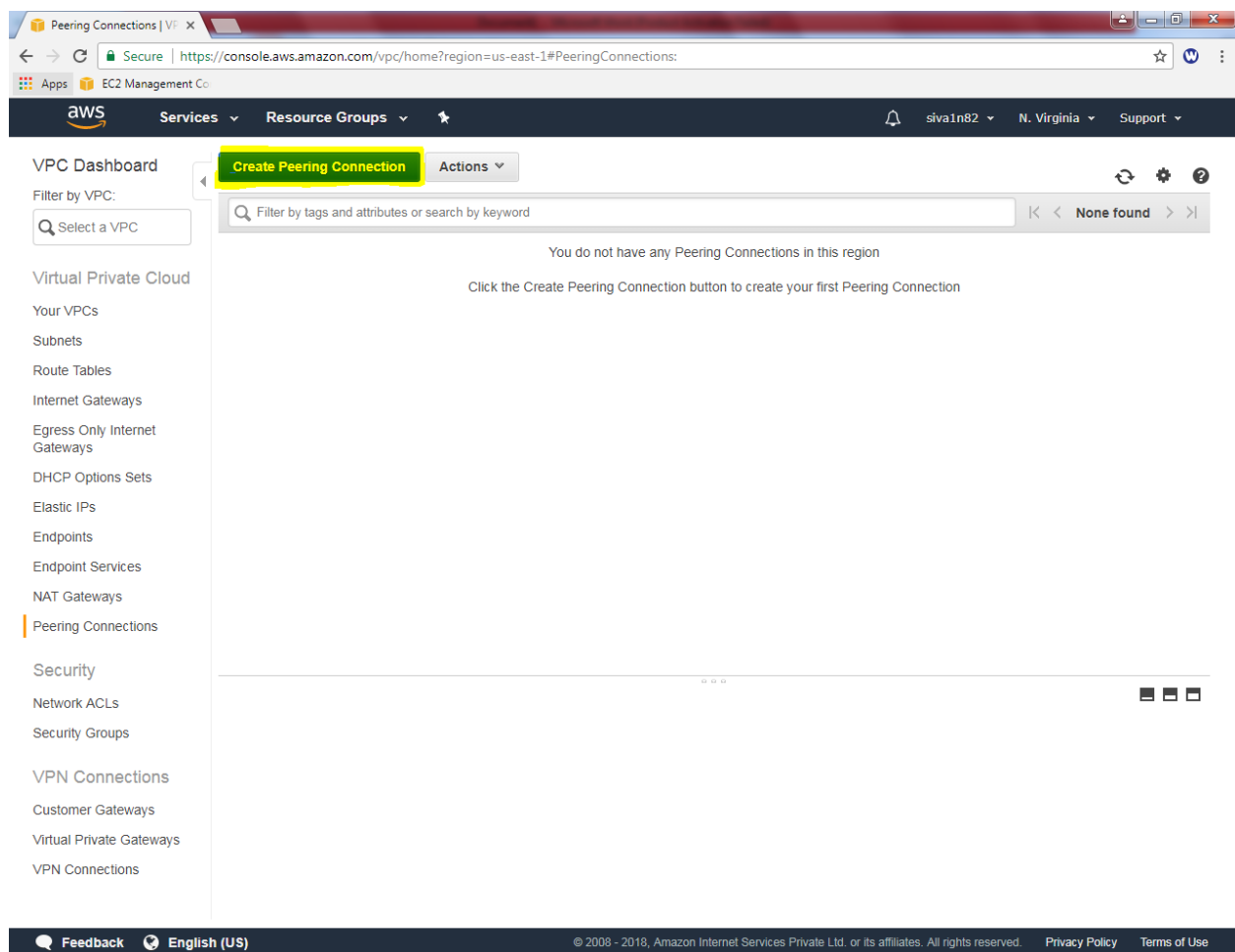
Lab 12

VPC Peering Lab – 3 of 3

Goto “N.Virginia”region,

Goto VPC Dashboard,

Click “Peering connections”



Click “Create Peering Connections”.

In peering Connection,

Peering Connection name tag: VPC Peer Ohio_NVG

VPC Requestor : VPC_North Virginia

Account : MyAccount

Region : Another Region

Select: Ohio

VPC Acceptor : VPC_Ohio (type VPC ID of VPC Ohio).

Create Peering Connection

Peering connection name tag **VPC-Peer-NVG-Ohio**

Select a local VPC to peer with

VPC (Requester) **vpc-be0233c5**

CIDRs	Status	Status Reason
10.0.0.0/16	associated	

Select another VPC to peer with

Account **My account**

Region **Ohio (us-east-2)**

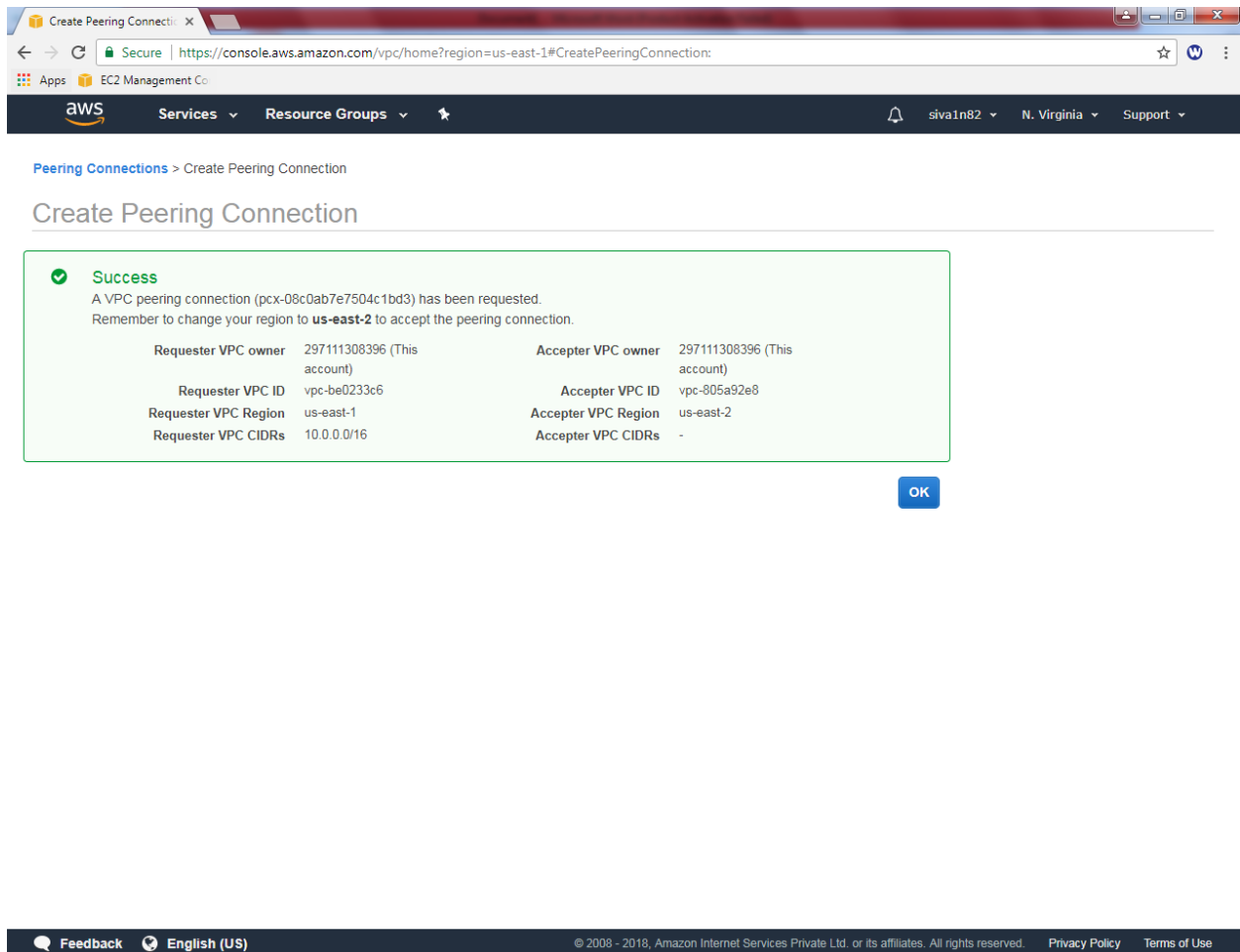
VPC (Acceptor) **vpc-805a92e8**

* Required

[Cancel](#) [Create Peering Connection](#)

Click “Create Peering Connection”.

VPC Peering Created successfully.



The screenshot shows the AWS Management Console interface for creating a VPC peering connection. The browser address bar displays the URL: <https://console.aws.amazon.com/vpc/home?region=us-east-1#CreatePeeringConnection>. The console header includes the AWS logo, navigation tabs for Services and Resource Groups, and user information for 'siva1n82' in the 'N. Virginia' region. The breadcrumb trail indicates the path: Peering Connections > Create Peering Connection. The main heading is 'Create Peering Connection'. A green success message box states: 'Success. A VPC peering connection (pcx-08c0ab7e7504c1bd3) has been requested. Remember to change your region to **us-east-2** to accept the peering connection.' Below this message is a table with details for both the requester and acceptor VPCs. An 'OK' button is located at the bottom right of the success message box. The footer contains a feedback link, language selection (English (US)), copyright information (© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.), and links to Privacy Policy and Terms of Use.

Requester VPC		Accepter VPC	
Requester VPC owner	297111308396 (This account)	Accepter VPC owner	297111308396 (This account)
Requester VPC ID	vpc-be0233c6	Accepter VPC ID	vpc-805a92e8
Requester VPC Region	us-east-1	Accepter VPC Region	us-east-2
Requester VPC CIDRs	10.0.0.0/16	Accepter VPC CIDRs	-

Go to Ohio region, Peering connections

The screenshot shows the AWS Management Console interface for the Ohio region. The left sidebar contains the VPC Dashboard with various services listed. The main content area displays a table of peering connections. A context menu is open over the first connection, which is in a 'Pending Acceptance' state. The menu options are: Accept Request, Reject Request, Delete VPC Peering Connection, Edit DNS Settings, and Add/Edit Tags. Below the table, the details for the selected peering connection are shown, including requester and acceptor VPC IDs, regions, and CIDRs.

Name	Peering Connection	Status	Requester VPC	Accepter VPC	Requester CIDRs	Accepter CIDRs
pcx-08c0ab7e7504c1bd3		Pending Acceptance	vpc-be0233c6	vpc-805a92e8	10.0.0.0/16	192.168.0.0/16

Peering Connection: pcx-08c0ab7e7504c1bd3

Requester VPC		Accepter VPC	
Requester VPC owner	297111308396	Accepter VPC owner	297111308396
Requester VPC ID	vpc-be0233c6	Accepter VPC ID	vpc-805a92e8
Requester VPC Region	N. Virginia (us-east-1)	Accepter VPC Region	Ohio (us-east-2)
Requester VPC CIDRs	10.0.0.0/16	Accepter VPC CIDRs	192.168.0.0/16
VPC Peering Connection	pcx-08c0ab7e7504c1bd3	Peering connection status	Pending Acceptance by 297111308396

Click "Accept Request".

Accept VPC Peering Connection Request ✕

Are you sure you want to accept this VPC peering connection request (pcx-08c0ab7e7504c1bd3)?

Requester Account ID	297111308396 (This account)	Accepter Account ID	297111308396 (This account)
Requester VPC ID	vpc-be0233c6	Accepter VPC ID	vpc-805a92e8
Requester VPC Region	us-east-1	Accepter VPC Region	us-east-2
Requester VPC CIDR	10.0.0.0/16	Accepter VPC CIDR	192.168.0.0/16

[Cancel](#) [Yes, Accept](#)

Click “Yes Accept”.

Accept VPC Peering Connection Request ✕

Your VPC Peering Connection has been established.

To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables. [Learn more](#)

[Modify my route tables now](#)

[Close](#)

VPC Status of N.Virginia is active.

The screenshot shows the AWS Management Console interface for VPC Peering Connections. The left sidebar contains navigation links for various AWS services, with 'Peering Connections' highlighted. The main content area shows a table of peering connections. One connection, 'VPN_Peer_Ohio_NVG', is listed with a status of 'Active'. Below the table, the details for this connection are displayed, including the requester and acceptor VPC IDs, regions, and CIDRs.

Name	Peering Connection	Status	Requester VPC	Accepter VPC
VPN_Peer_Ohio_NVG	pcx-08c0ab7e7504c1bd3	Active	vpc-be0233c6 Sansbound_VPC	vpc-805a92e8

Peering Connection: pcx-08c0ab7e7504c1bd3

Description	
Requester VPC owner	297111308396
Requester VPC ID	vpc-be0233c6
Requester VPC Region	N. Virginia (us-east-1)
Requester VPC CIDRs	10.0.0.0/16
VPC Peering Connection	pcx-08c0ab7e7504c1bd3
Expiration time	-
Accepter VPC owner	297111308396
Accepter VPC ID	vpc-805a92e8
Accepter VPC Region	Ohio (us-east-2)
Accepter VPC CIDRs	192.168.0.0/16
Peering connection status	Active

VPC Status of Ohio is active.

The screenshot shows the AWS Management Console interface for VPC Peering Connections. The left sidebar contains navigation links for VPC Dashboard, Virtual Private Cloud, Your VPCs, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Endpoints, Endpoint Services, NAT Gateways, Peering Connections (highlighted), Security, Network ACLs, Security Groups, VPN Connections, Customer Gateways, Virtual Private Gateways, and VPN Connections.

The main content area shows the 'Peering Connections' page. At the top, there is a 'Create Peering Connection' button and an 'Actions' dropdown. Below this is a search bar and a table of peering connections.

Name	Peering Connection	Status	Requester VPC	Accepter VPC	Requester CIDRs	Accepter CIDRs
pcx-08c0ab7e7504c1bd3		Active	vpc-be0233c6	vpc-805a92e8 S...	10.0.0.0/16	192.168.0.0/16

Below the table, the details for the selected peering connection (pcx-08c0ab7e7504c1bd3) are displayed. The details are organized into two columns:

Requester VPC		Accepter VPC	
Requester VPC owner	297111308396	Accepter VPC owner	297111308396
Requester VPC ID	vpc-be0233c6	Accepter VPC ID	vpc-805a92e8
Requester VPC Region	N. Virginia (us-east-1)	Accepter VPC Region	Ohio (us-east-2)
Requester VPC CIDRs	10.0.0.0/16	Accepter VPC CIDRs	192.168.0.0/16
VPC Peering Connection	pcx-08c0ab7e7504c1bd3	Peering connection status	Active
Expiration time	-		

The bottom of the console shows the footer with 'Feedback', 'English (US)', and copyright information: '© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

If you try to connect the LAN Segment through RDP will not connect. Because we need to add route table for Ohio subnet in N.Virginia public route table.

The screenshot shows the AWS VPC console interface. The left sidebar contains navigation links for VPC Dashboard, Virtual Private Cloud, Your VPCs, Subnets, Route Tables (selected), Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, Security, Network ACLs, Security Groups, VPN Connections, Customer Gateways, Virtual Private Gateways, and VPN Connections.

The main content area displays the 'Route Tables' page. At the top, there are buttons for 'Create Route Table', 'Delete Route Table', and 'Set As Main Table'. Below these is a search bar and a table listing route tables. The table has columns: Name, Route Table ID, Explicitly Associated, Main, and VPC. Two route tables are listed: 'rtb-9f29f6e2' (0 Subnets, Not Main) and 'Sansbound_public_route' (1 Subnet, Main). The 'Sansbound_public_route' is selected.

Below the table, the details for 'rtb-1611ae6b | Sansbound_public_route' are shown. The 'Summary' tab is active, displaying the following information:

- Route Table ID: rtb-1611ae6b | Sansbound_public_route
- Main: yes
- Explicitly Associated With: 1 Subnet
- VPC: vpc-be0233c6 | Sansbound_VPC

The bottom of the console shows a footer with 'Feedback', 'English (US)', and copyright information: '© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

In Sansbound public route, select route and click “Edit”.

The screenshot shows the AWS Management Console interface for the VPC Dashboard. The left sidebar lists various VPC resources, with 'Route Tables' highlighted. The main content area displays a list of route tables. The 'Sansbound_public_route' (rtb-1611ae6b) is selected, and its details are shown below. The 'Routes' tab is active, displaying a table of routes. The 'Edit' button is highlighted in yellow.

Route Tables List:

Name	Route Table ID	Explicitly Associat	Main	VPC
	rtb-9f29f6e2	0 Subnets	Yes	vpc-765c7f0e
Sansbound_public_route	rtb-1611ae6b	1 Subnet	Yes	vpc-be0233c6 Sansbound_VPC

Route Table Details: rtb-1611ae6b | Sansbound_public_route

Routes:

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-18e6ca61	Active	No

Click “Add another route” and type 192.168.0.0/16 ohio subnet and select “pcx-*” as target.

The screenshot shows the AWS VPC Dashboard in the 'us-east-1' region. The left sidebar lists various VPC resources, with 'Route Tables' selected. The main panel displays a list of route tables. The 'Sansbound_public_route' (rtb-1611ae6b) is selected, showing it is associated with the 'Sansbound_VPC' (vpc-be0233c6) and has one subnet associated. Below the list, the configuration for 'rtb-1611ae6b | Sansbound_public_route' is shown. The 'Routes' tab is active, displaying a table of routes. The table has columns for Destination, Target, Status, Propagated, and Remove. The first route is for destination 10.0.0.0/16, targeting 'local', with an 'Active' status. The second route is for destination 0.0.0.0/0, targeting 'igw-18e6ca61', with an 'Active' status. The third route is for destination 192.168.0.0/16, targeting 'pcx-09c0ab7e7504c1bd3', with a status of 'No'. The 'Add another route' button is visible at the bottom of the table.

Destination	Target	Status	Propagated	Remove
10.0.0.0/16	local	Active	No	
0.0.0.0/0	igw-18e6ca61	Active	No	
192.168.0.0/16	pcx-09c0ab7e7504c1bd3	No	No	

Then click save.

Goto ohio region,

Goto VPC Dashboard,

Click route table, then select "Sansbound_Ohio_public"

The screenshot displays the AWS Management Console VPC Dashboard. The left sidebar shows the navigation menu with 'Route Tables' highlighted. The main content area shows a list of route tables. The 'Sansbound_ohio_public' route table is selected, and its details are shown in the 'Summary' tab.

VPC Dashboard

Filter by VPC:

Virtual Private Cloud

- Your VPCs
- Subnets
- Route Tables**
- Internet Gateways
- Egress Only Internet Gateways
- DHCP Options Sets
- Elastic IPs
- Endpoints
- Endpoint Services
- NAT Gateways
- Peering Connections
- Security
- Network ACLs
- Security Groups
- VPN Connections
- Customer Gateways
- Virtual Private Gateways
- VPN Connections

Route Tables

Name	Route Table ID	Explicitly Associat	Main	VPC
	rtb-e0f42188	0 Subnets	Yes	vpc-1de10e75
<input checked="" type="checkbox"/> Sansbound_ohio_public	rtb-1374ca7b	1 Subnet	Yes	vpc-805a92e8 Sansbound_VPC_Ohio

rtb-1374ca7b | Sansbound_ohio_public_route

Summary | Routes | Subnet Associations | Route Propagation | Tags

Route Table ID: rtb-1374ca7b | Sansbound_ohio_public_route

Main: yes

Explicitly Associated With: 1 Subnet

VPC: vpc-805a92e8 | Sansbound_VPC_Ohio

In Sansbound_ohio_public routing table, route option and then click “Edit”

The screenshot displays the AWS Management Console interface for the VPC Dashboard. The left sidebar shows the navigation menu with categories like Virtual Private Cloud, Security, and VPN Connections. The main content area shows a list of Route Tables. The 'Sansbound_ohio_public' route table is selected, and the 'Routes' tab is active. Below the tabs, there is a table of routes with columns for Destination, Target, Status, and Propagated.

Destination	Target	Status	Propagated
192.168.0.0/16	local	Active	No
0.0.0.0/0	igw-27b2874e	Active	No

Click “Add another route”

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The left sidebar lists various VPC services, with 'Route Tables' highlighted. The main content area displays the 'VPC Dashboard' for the 'vpc-1de10e75' VPC. It shows a list of route tables, with 'Sansbound_ohio_public' (rtb-1374ca7b) selected. Below the list, the configuration for this route table is shown, including tabs for 'Summary', 'Routes', 'Subnet Associations', 'Route Propagation', and 'Tags'. The 'Routes' tab is active, showing a table of routes. The table has columns for 'Destination', 'Target', 'Status', 'Propagated', and 'Remove'. Two routes are listed: one for '192.168.0.0/16' targeting 'local' and another for '0.0.0.0/0' targeting 'igw-27b2874e'. A yellow button labeled 'Add another route' is visible at the bottom of the route list.

Route Tables | VPC Management

Secure | https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#routetables:

Apps EC2 Management Console

aws Services Resource Groups

VPC Dashboard

Filter by VPC: Select a VPC

Virtual Private Cloud

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Route Table Delete Route Table Set As Main Table

Search Route Tables and their VPCs

<< 1 to 2 of 2 Route Tables >>

Name	Route Table ID	Explicitly Associated	Main	VPC
	rtb-e0f42188	0 Subnets	Yes	vpc-1de10e75
Sansbound_ohio_public	rtb-1374ca7b	1 Subnet	Yes	vpc-805a92e8 Sansbound_VPC_Ohio

rtb-1374ca7b | Sansbound_ohio_public_route

Summary Routes Subnet Associations Route Propagation Tags

Cancel Save

View: All rules

Destination	Target	Status	Propagated	Remove
192.168.0.0/16	local	Active	No	
0.0.0.0/0	igw-27b2874e	Active	No	

Add another route

Feedback English (US)

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In Sansbound_Ohio_public_route table type N.Virginia subnet 10.0.0.0/16 and select target as "pcx-*

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The left sidebar lists various AWS services under categories like Virtual Private Cloud, Security, and VPN Connections. The main content area is titled 'VPC Dashboard' and shows a list of route tables. The selected route table, 'rtb-1374ca7b | Sansbound_ohio_public_route', is displayed in detail. The 'Routes' tab is active, showing a table of routes with columns for Destination, Target, Status, Propagated, and Remove. The table contains three entries: a local route for 192.168.0.0/16, an active route for 0.0.0.0/0 pointing to an Internet Gateway, and a new route for 10.0.0.0/16 pointing to a peering connection. The 'Save' button is highlighted in green.

Route Tables | VPC Manager

Filter by VPC:

Virtual Private Cloud

- Your VPCs
- Subnets
- Route Tables
- Internet Gateways
- Egress Only Internet Gateways
- DHCP Options Sets
- Elastic IPs
- Endpoints
- Endpoint Services
- NAT Gateways
- Peering Connections

Security

- Network ACLs
- Security Groups

VPN Connections

- Customer Gateways
- Virtual Private Gateways
- VPN Connections

Create Route Table Delete Route Table Set As Main Table

Search Route Tables and their VPCs

Name	Route Table ID	Explicitly Associated	Main	VPC
	rtb-e0f42188	0 Subnets	Yes	vpc-1de10e75
Sansbound_ohio_public	rtb-1374ca7b	1 Subnet	Yes	vpc-805a92e8 Sansbound_VPC_Ohio

rtb-1374ca7b | Sansbound_ohio_public_route

Summary Routes Subnet Associations Route Propagation Tags

Cancel Save

View: All rules

Destination	Target	Status	Propagated	Remove
192.168.0.0/16	local	Active	No	
0.0.0.0/0	igw-27b2874e	Active	No	
10.0.0.0/16	pcx-08c0ab7e7504c1bd3	No	No	

Add another route

Feedback English (US)

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Goto North virginia, click EC2 service to get login credentials.

Actions → Connect

The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The left sidebar shows the navigation menu with categories like INSTANCES, IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, and LOAD BALANCING. The main content area shows the 'Instances' list with a table containing columns for Name, Instance ID, Type, Availability Zone, Instance State, Status Checks, Alarm Status, and Public IP. A table row is visible for 'North Virginia Public Instance' with ID 'i-0a58ce667f1a3c982', type 't2.micro', and state 'running'. An 'Actions' dropdown menu is open over the instance row, showing options like 'Connect', 'Get Windows Password', 'Launch More Like This', 'Instance State', 'Instance Settings', 'Image', 'Networking', and 'CloudWatch Monitoring'. Below the table, the 'Instance: i-0a58ce667f1a3c982 (North Virginia Public Instance)' details are shown, including the public IP '34.230.74.160'. The 'Description' tab is active, displaying instance details such as Instance ID, Instance state, Instance type, Elastic IPs, Availability zone, Security groups, Public DNS (IPv4), IPv4 Public IP, IPv6 IPs, Private DNS, Private IPs, and Secondary private IPs. The bottom of the screen shows a Windows taskbar with various application icons and the system clock indicating 11:58 AM on 1/9/2018.

EC2 Management Console

Secure | <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=instanceid>

Apps EC2 Management Co

Services Resource Groups

EC2 Dashboard

Events

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INSTANCES

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Launch Templates

Spot Requests

Reserved Instances

Dedicated Hosts

Scheduled Instances

IMAGES

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Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

NETWORK & SECURITY

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

LOAD BALANCING

Load Balancers

Target Groups

Launch Instance Connect Actions

Filter by tags and attributes or search

1 to 1 of 1

Name	Instance ID	Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public IP
North Virginia Public Instance	i-0a58ce667f1a3c982	t2.micro	us-east-1b	running	2/2 checks ...	None	

Instance: i-0a58ce667f1a3c982 (North Virginia Public Instance) Public IP: 34.230.74.160

Description Status Checks Monitoring Tags

Instance ID i-0a58ce667f1a3c982

Instance state running

Instance type t2.micro

Elastic IPs

Availability zone us-east-1b

Security groups NVG_Public_Sec-Group view inbound rules

Public DNS (IPv4) -

IPv4 Public IP 34.230.74.160

IPv6 IPs -

Private DNS ip-10-0-2-223.ec2.internal

Private IPs 10.0.2.223

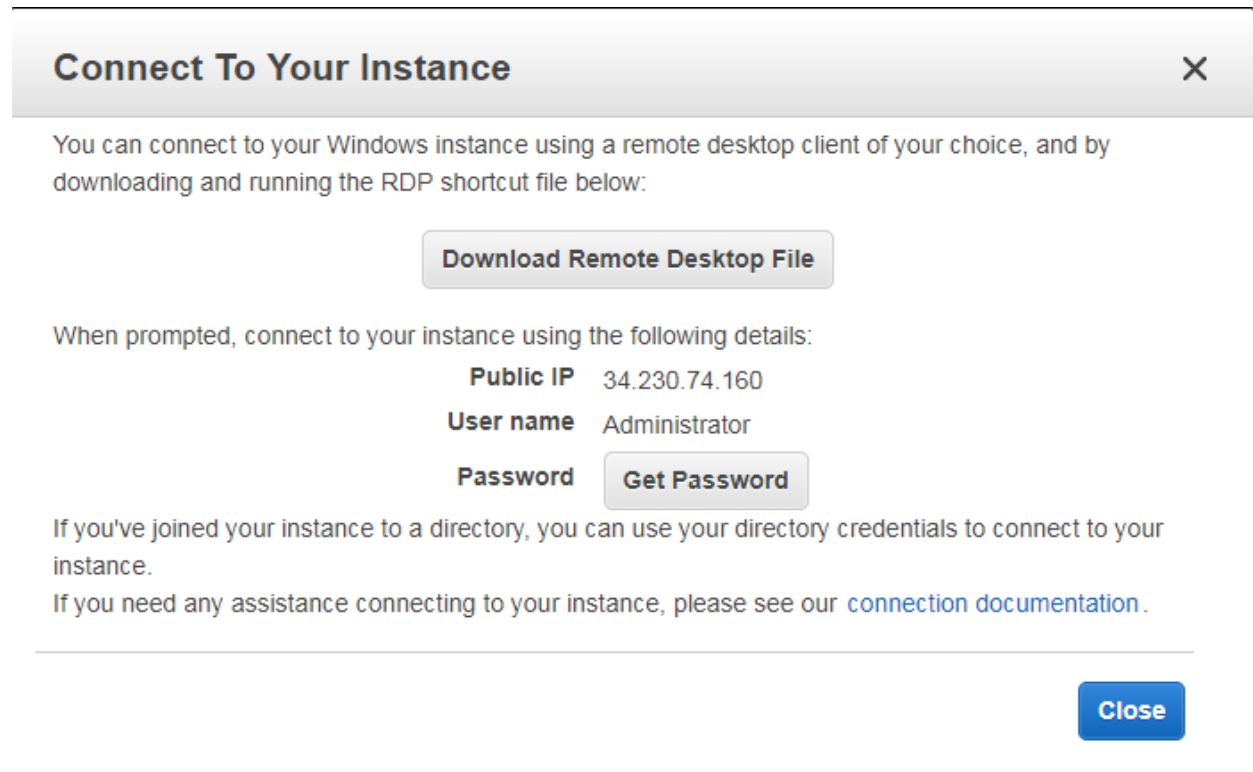
Secondary private IPs

Feedback English (US)

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EN 11:58 AM 1/9/2018

Click get password.



Choose the *.pem file and decrypt the password.

Goto ohio region, select the instance and Actions → Connect.

The screenshot displays the AWS Management Console interface for an EC2 instance. The left sidebar shows the navigation menu with categories like INSTANCES, IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, LOAD BALANCING, and AUTO SCALING. The main content area shows the details for the instance 'Ohio Public Instance' (ID: i-088923f3e8eba7ebd). The instance is in the 'us-east-2b' availability zone, running on a 't2.micro' instance type. The public IP is 18.221.200.147. The 'Connect' dropdown menu is open, showing options like 'Get Windows Password', 'Launch More Like This', 'Instance State', 'Instance Settings', 'Image', 'Networking', and 'CloudWatch Monitoring'.

Name	Instance ID	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Ohio Public I...	i-088923f3e8eba7ebd	us-east-2b	running	2/2 checks ...	None	

Instance: i-088923f3e8eba7ebd (Ohio Public Instance) Public IP: 18.221.200.147

Description		Status Checks	Monitoring	Tags
Instance ID	i-088923f3e8eba7ebd	Instance state	running	Public DNS (IPv4)
Instance type	t2.micro	Elastic IPs		IPv4 Public IP
Availability zone	us-east-2b			IPv6 IPs
Security groups	Ohio_Public_Sec_Group . view			Private DNS
				Private IPs
				Secondary private IPs

Connect To Your Instance ✕

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download Remote Desktop File](#)

When prompted, connect to your instance using the following details:

Public IP	18.221.200.147
User name	Administrator
Password	Get Password

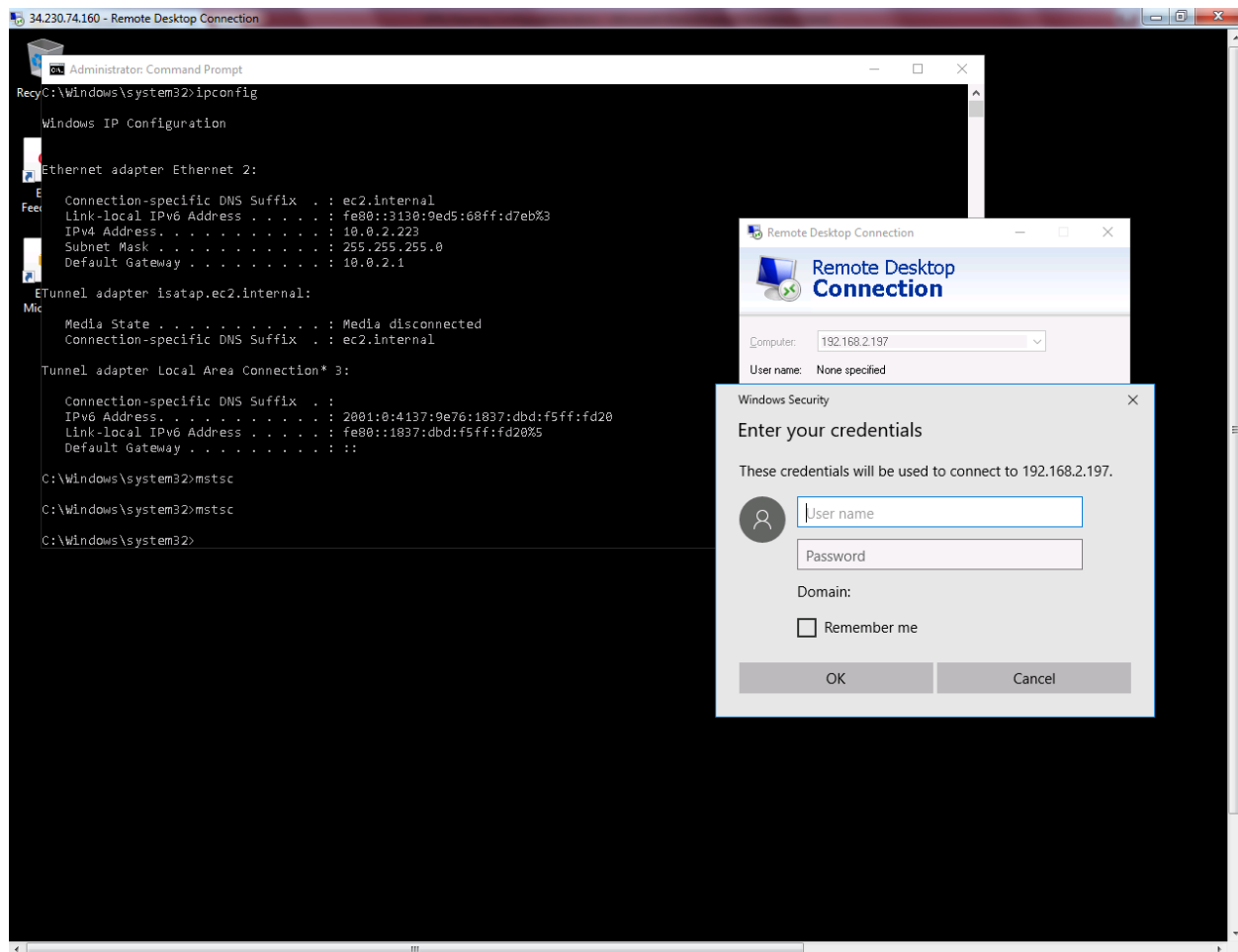
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

If you need any assistance connecting to your instance, please see our [connection documentation](#).

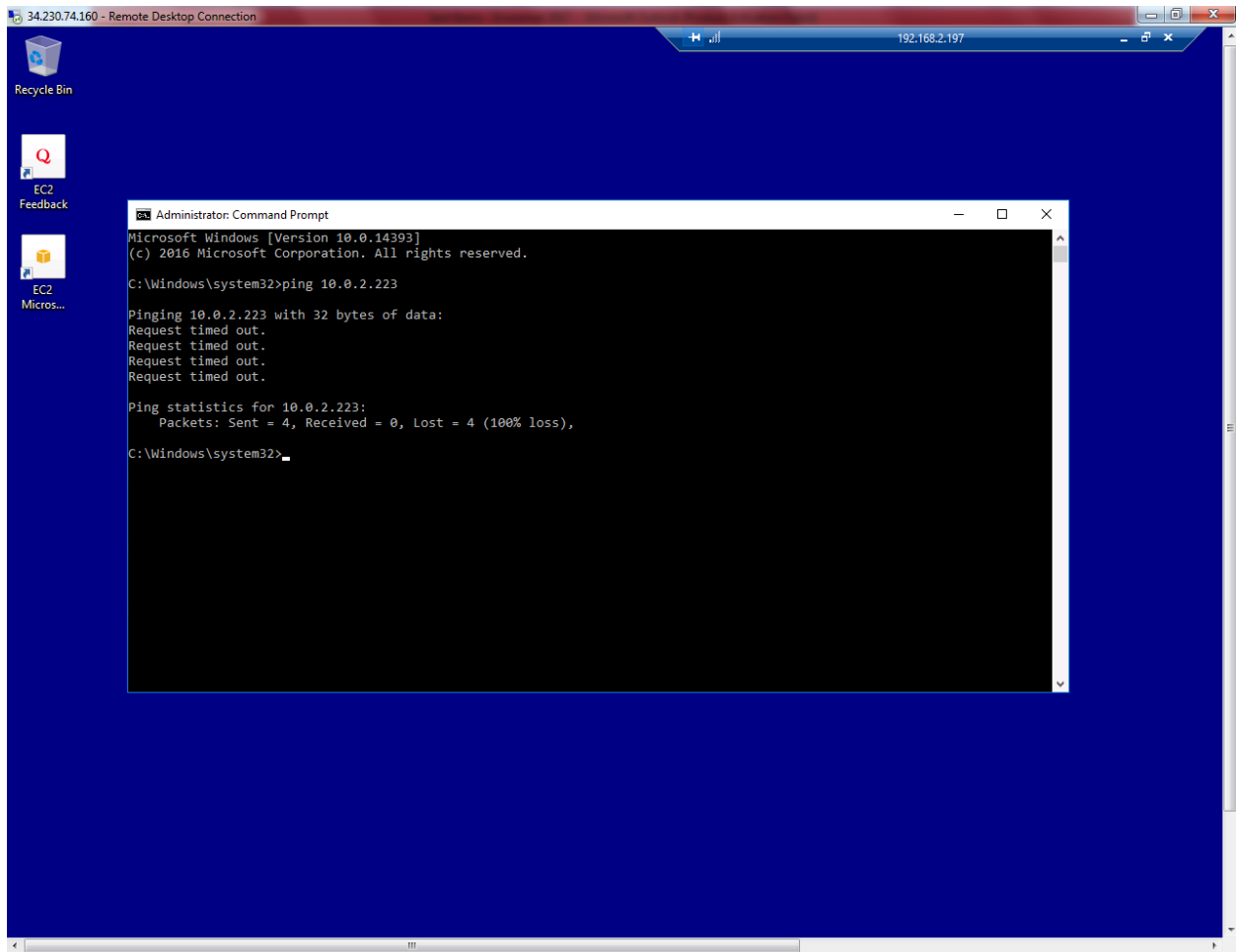
[Close](#)

Choose the *.pem file and decrypt the password.

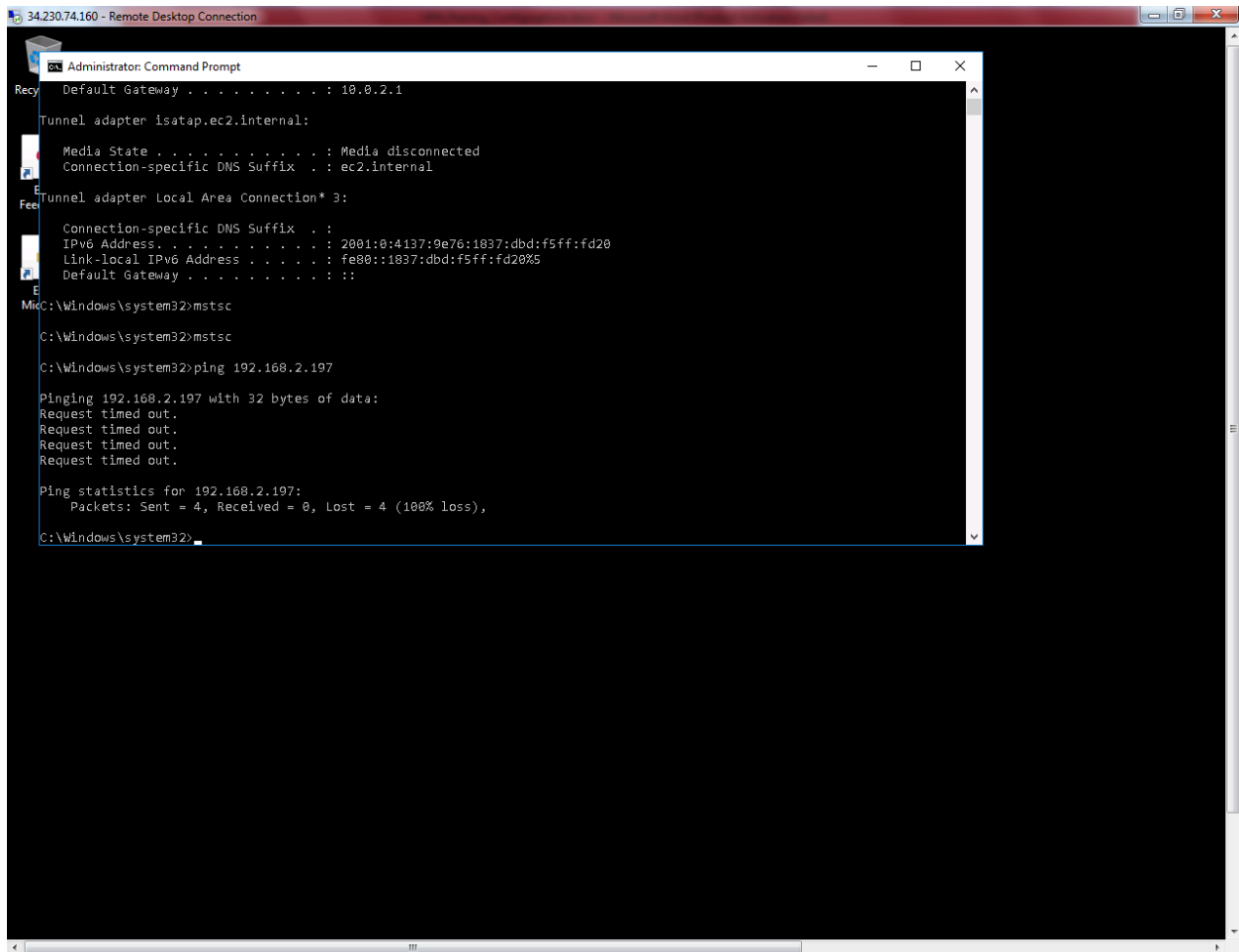
Try to connect RDP of Ohio subnet from N.Virginia.



Try to ping 10.0.2.223 (N.Virginia) subnet from Ohio subnet 192.168.2.0/24. But we are unable to ping due ICMP was not permitted in Security Group of North Virginia.



Try to ping 192.168.2.197 subnet from North Virginia subnet 10.0.2.0/24. But we are unable to ping due to ICMP not being permitted in the Security Group of Ohio.



In Security Group, select inbound rule, click “Edit”

The screenshot displays the AWS Management Console interface for the EC2 Management Console. The left sidebar shows the navigation menu with categories like INSTANCES, IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, and LOAD BALANCING. The 'Security Groups' link under NETWORK & SECURITY is highlighted.

The main content area shows a list of security groups. The selected group, 'sg-e778f993', is highlighted. Below the list, the details for 'Security Group: sg-e778f993' are shown. The 'Inbound' tab is active, displaying a table of inbound rules.

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	0.0.0.0/0	

Click “Add rule” Select Custom ICMP Echo Request 0.0.0.0/0

Edit inbound rules

Type

Protocol

Port Range

Source

Description

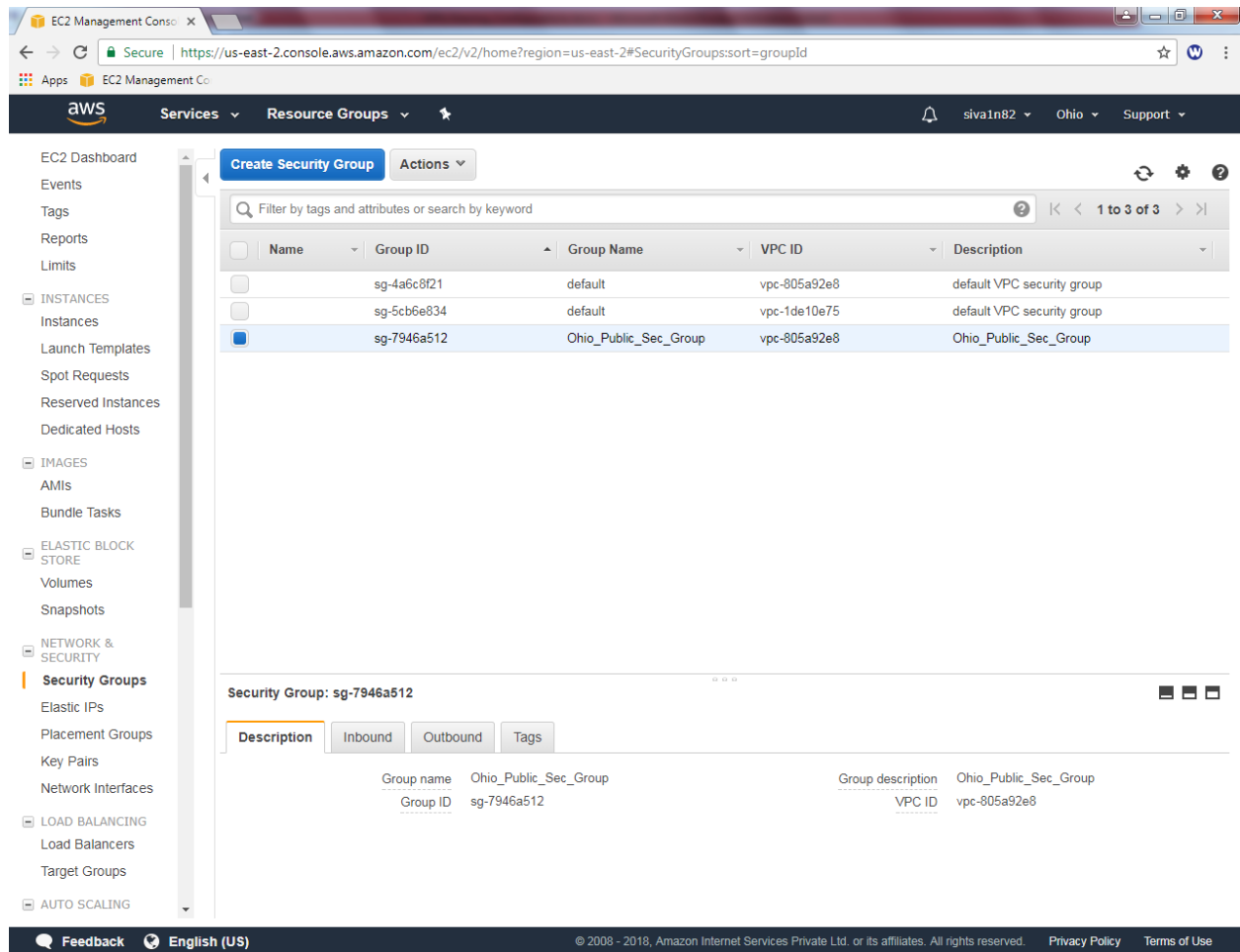
RDP	TCP	3389	Custom	0.0.0.0/0	e.g. SSH for Admin Desktop
Custom ICMP	Echo Request	N/A	Custom	0.0.0.0/0	e.g. SSH for Admin Desktop

Add Rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

CancelSave

In Ohio region, ohio public security group,



EC2 Management Console

Secure | https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#SecurityGroups:sort=groupId

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NETWORK & SECURITY

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

LOAD BALANCING

Load Balancers

Target Groups

AUTO SCALING

Create Security Group Actions

Filter by tags and attributes or search by keyword

Name	Group ID	Group Name	VPC ID	Description
	sg-4a6c8f21	default	vpc-805a92e8	default VPC security group
	sg-5cb6e834	default	vpc-1de10e75	default VPC security group
	sg-7946a512	Ohio_Public_Sec_Group	vpc-805a92e8	Ohio_Public_Sec_Group

Security Group: sg-7946a512

Description Inbound Outbound Tags

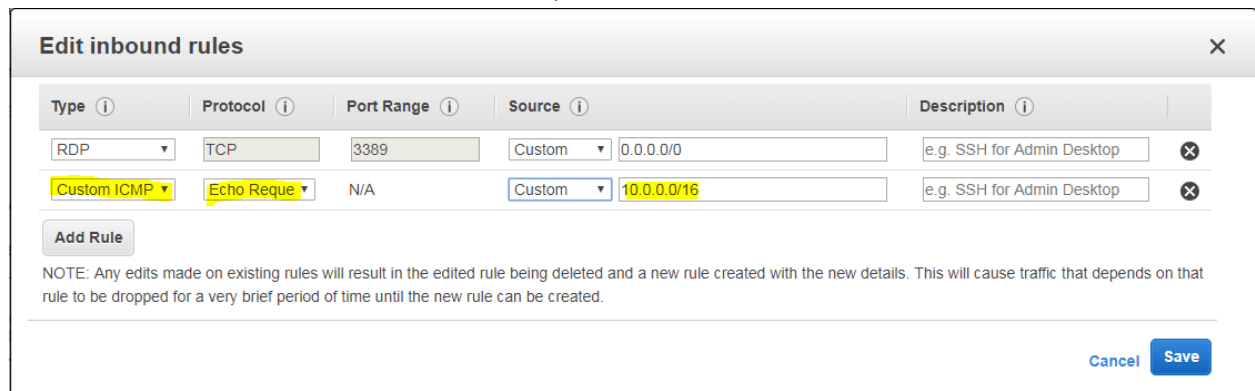
Group name Ohio_Public_Sec_Group Group description Ohio_Public_Sec_Group

Group ID sg-7946a512 VPC ID vpc-805a92e8

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Click "Inbound" rule, then click "Edit".

Click "Add rule" Select Custom ICMP Echo Request 0.0.0.0/0



Edit inbound rules

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
Custom ICMP	Echo Reque	N/A	Custom 10.0.0.0/16	e.g. SSH for Admin Desktop

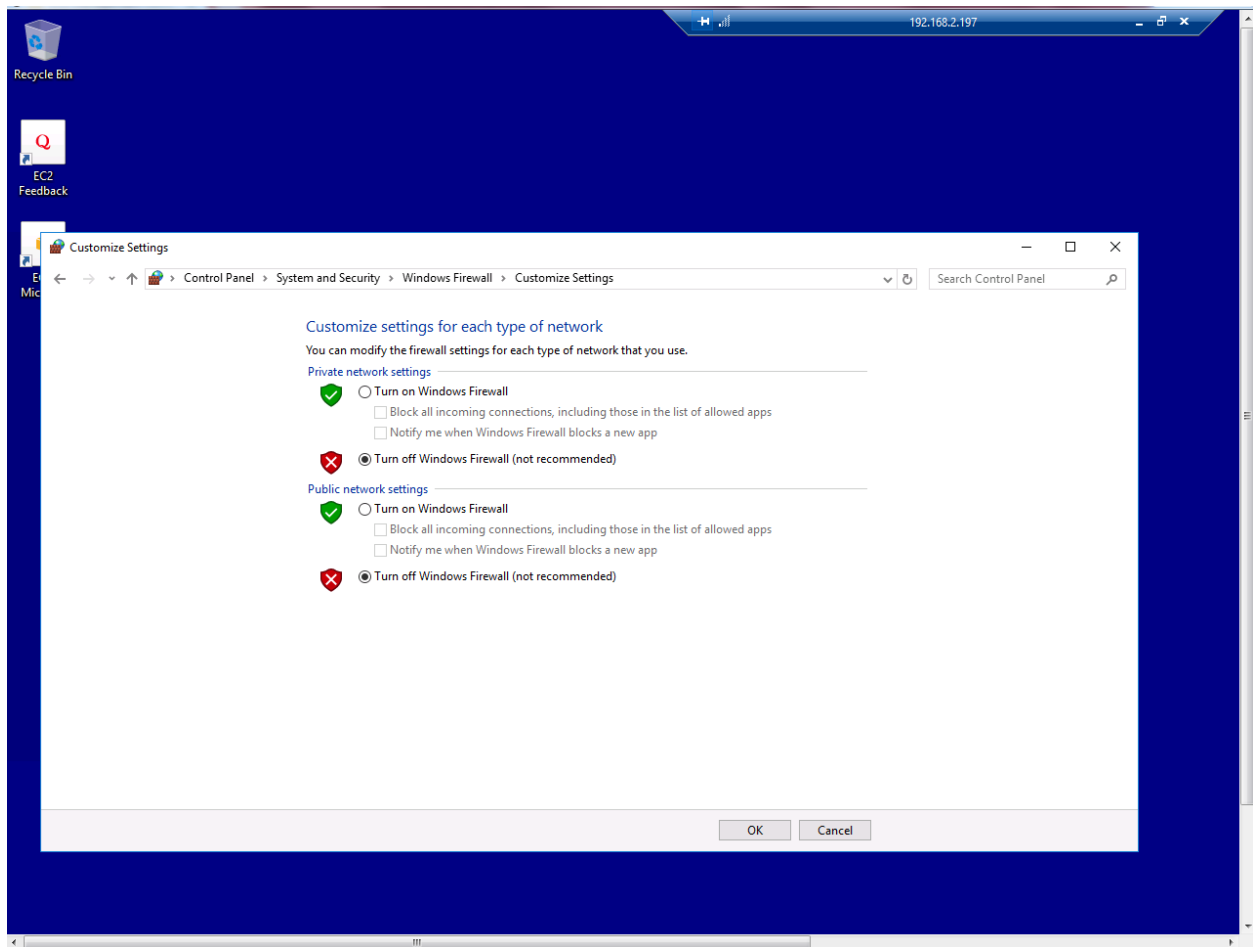
Add Rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

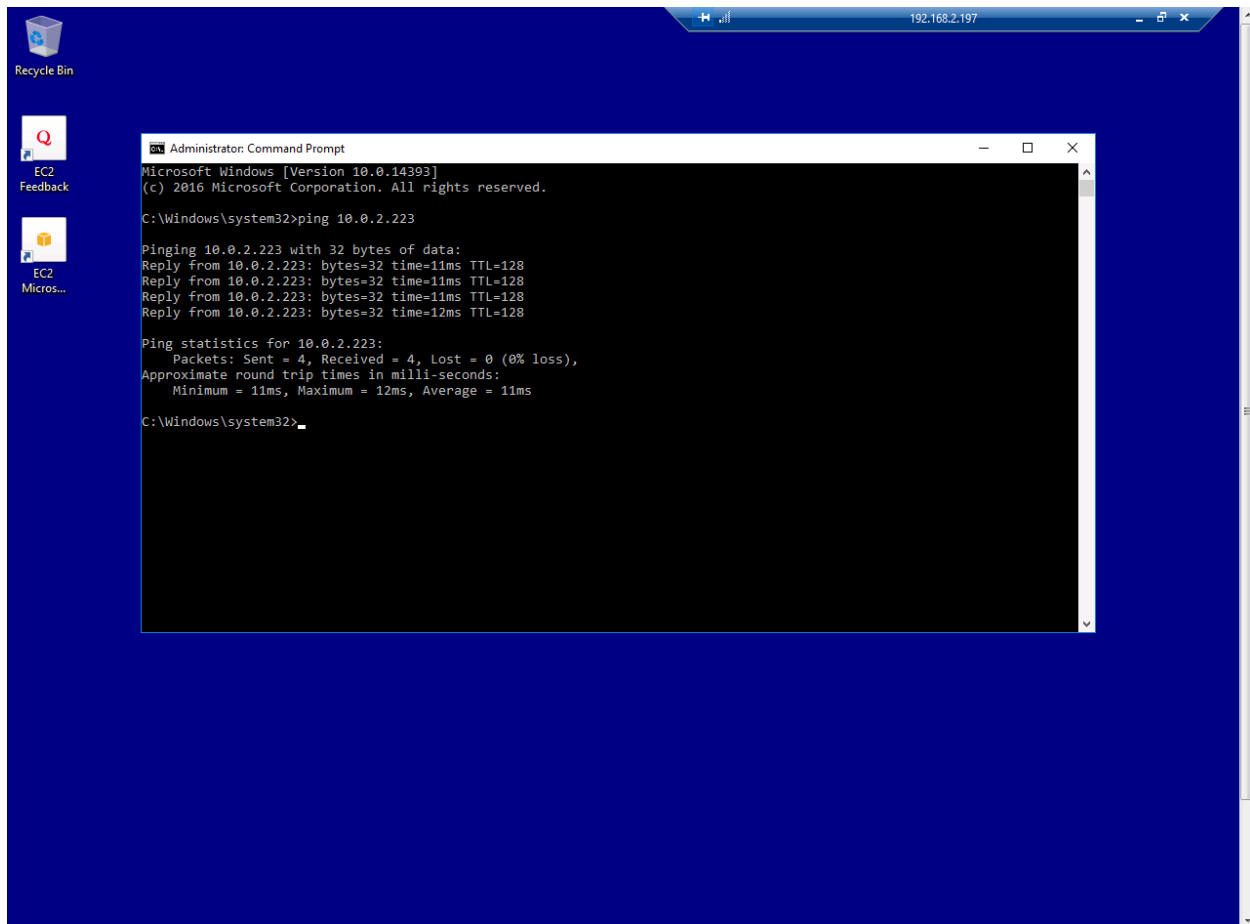
Cancel Save

Then try to ping LAN segment IP will not ping due to firewall is turned on in Windows Server 2016. We need to **Turn off on both Servers (North Virginia and Ohio)**.

In windows 2016 server, Right click start menu click command prompt and type `firewall.cpl` to get windows firewall. Click "Turn windows firewall on or off".



Now We are able ping 10.0.2.223 North Virginia host from Ohio subnet 192.168.2.0/24



Now We are able ping 192.168.2.197 Ohio host from North Virginia subnet 10.0.2.0/24 subnet.

