



Create a Virtual Interface

You may choose to create a private or public virtual interface. Select the appropriate option below.

- ☐ Private - A private virtual interface should be used to access an Amazon VPC using private IP addresses.
- ☒ Public - A public virtual interface can access all AWS public services (including EC2, S3, and DynamoDB) using public IP addresses.

Define Your New Public Virtual Interface

This virtual interface will have access to AWS public services in all North American regions. For more information, [see the user guide](#).

Enter the name of your virtual interface. If you're creating a virtual interface for another account, you'll need to provide the other AWS account about virtual interface ownership, see 'Hosted Virtual Interfaces' in the [AWS Direct Connect Getting Started Guide](#).

Connection

Virtual Interface Name

Virtual Interface Owner ☒ My AWS Account ☐ Another AWS Account

Enter the VLAN ID, if not already supplied by your AWS Direct Connect partner, and the IP Addresses for your router interface and the Amazon router peer IP.

VLAN

Address family ☒ IPv4 ☐ IPv6

Your router peer IP *choose 2 public IP addresses*

Amazon router peer IP *owned by your business*

BGP ASN

Auto-generate BGP key ☒

Prefixes you want to advertise *public IP of VPN firewall*

It may take up to 72 hours to verify that your IP prefixes are valid for use with Direct Connect.

Services

Resource Groups

EC2

WorkMail

Route 53

Direct

N. Virginia

Support

Connections

Virtual Interfaces

LAGs

A Virtual Interface Was Created

You are now ready to configure your equipment and begin passing traffic.

Create Virtual Interface

Actions

Filter: Search for a Virtual Interface

Viewing 3 of 3 Virtual Interfaces

Name	ID	Connection	VLAN	Type	State
VIF_VIA_LAG_CW	250	public	available

Services ^

Resource Groups v

EC2

WorkMail

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2

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VPC

VPC
Isolate Cloud Resources

EC2

EC2 Container Service

Lightsail

Elastic Beanstalk

your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Customer Gateway

Delete Customer Gateway

Search Customer Gateways x

	Name	ID	State	Type	IP Address	BGP ASN
<input type="checkbox"/>	Cisco-DX-BGP-VIRGINI	cgw-3fd0ed22	available	ipsec.1	107.20.112.218	65001
<input type="checkbox"/>	Transit VPC Endpoint1	cgw-24d9e439	available	ipsec.1	13.55.133.175	64512
<input type="checkbox"/>	Transit VPC Endpoint2	cgw-27d9e43a	available	ipsec.1	13.55.123.52	64512
<input type="checkbox"/>	CSR-VIR-BGP-1	cgw-39152824	available	ipsec.1	54.173.46.120	65001
<input type="checkbox"/>	CGW-TEST	cgw-361f222b	available	ipsec.1	1.1.1.1	65192
<input type="checkbox"/>	Palo Alto Virginia	cgw-08497415	available	ipsec.1	34.200.138.90	65000
<input type="checkbox"/>	SRX-Virginia	cgw-864e739b	available	ipsec.1	34.193.118.69	65000
<input type="checkbox"/>	CGW-TEST	cgw-cf4f72d2	available	ipsec.1	3.3.3.3	1234
<input type="checkbox"/>	Cisco-CSR-Static	cgw-6d526f70	available	ipsec.1	54.210.80.213	65000

Select a customer gateway above

Create Customer Gateway



Specify the Internet-routable IP address for your gateway's external interface; the address must be static and may be behind a device performing network address translation (NAT). For dynamic routing, also specify your gateway's Border Gateway Protocol (BGP) Autonomous System Number (ASN); this can be either a public or private ASN (such as those in the 64512-65534 range).

Name tag ⓘ

Routing ⓘ

IP address

customer gateway IP

Cancel

Yes, Create

TOOL VPCS

Subnets

Route Tables

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DHCP Options Sets

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Virtual Private Gateways

VPN Connections

Create Virtual Private Gateway

Delete Virtual Private Gateway

Attach to VPC

De

Search Virtual Private Gateway X

<input type="checkbox"/>	Name	ID	State	Type	VPC
<input type="checkbox"/>		vgw-20c1fc3d	deleted	ipsec.1	
<input type="checkbox"/>	VGW-NOT-USED	vgw-f1d6ebec	detached	ipsec.1	
<input type="checkbox"/>	Transit-DX-Detach	vgw-d70439ca	detached	ipsec.1	
<input type="checkbox"/>	Transit-VPC-Spoke-1	vgw-8608359b	attached	ipsec.1	vpc-76b13812 Transit-S
<input type="checkbox"/>	Transit-VPC-Spoke3	vgw-8708359a	attached	ipsec.1	vpc-a6bd34c2 Transit-S
<input type="checkbox"/>	Transit-VPC-Spoke2	vgw-84083599	attached	ipsec.1	vpc-dcbe37b8 Transit-S
<input type="checkbox"/>	VPD-Dual-Stack	vgw-9e8cbe83	attached	ipsec.1	vpc-ed7c8f89 DualStack
<input type="checkbox"/>	VGW-Secondary-VPC	vgw-2d063430	attached	ipsec.1	vpc-51a3e334 SECOND
<input type="checkbox"/>	VGW-WebAppVPC	vgw-9a013387	attached	ipsec.1	vpc-12f18077 Web VPC

Select a virtual private gateway above

Create Virtual Private Gateway



A virtual private gateway is the router on the Amazon side of the VPN tunnel.

Name tag



Cancel

Yes, Create

Attach to VPC

Detach f

VPC

Attach to VPC



Pause (k)

Select the VPC to attach to the virtual private gateway

VPC



Cancel

Yes, Attach

Create VPN Connection

Dele

Search VPN Connections and

Create VPN Connection



Select the virtual private gateway and customer gateway that you would like to connect via a VPN connection. You must have entered the virtual private gateway and your customer gateway information already.

Name tag ⓘ

Virtual Private Gateway

Customer Gateway ☒ Existing ☐ New

Specify the routing for the VPN Connection ([Help me choose](#))

Routing Options ☐ Dynamic (requires BGP) ☒ Static

Static IP Prefixes ⓘ

VPN connection charges apply once this step is complete. [View Rates](#)

Cancel

Yes, Create



Waiting for VPN status to become available
Please do not close your browser while this is loading...

VPN

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Create VPN Connection

Delete

Download Configuration

Search VPN Connections and X

<< 1 to 4 of 4 VPNs >>

<input type="checkbox"/>	Name	VPN ID	State	Virtual Private Gateway	Customer Gateway	Customer Gateway Address
<input checked="" type="checkbox"/>	DEV-VPC-VPN	vpn-f73bdc9e	available	vgw-23c1fc3e DEV-VPC-VGW	cgw-845e6299 (100.64.0.1) VPN Fire...	100.64.0.1

vpn-f73bdc9e | DEV-VPC-VPN

Summary

Tunnel Details

Static Routes

Tags

VPN Tunnel	IP Address	Status	Status Last Changed	Details
Tunnel 1	52.65.163.170	DOWN	2017-07-25 18:59 UTC-7	
Tunnel 2	54.153.155.6	DOWN	2017-07-25 18:59 UTC-7	