

Outputs:

```

alb_dns_name = "takehome-alb-120261593.us-east-1.elb.amazonaws.com"
alb_https_url = "https://takehome-alb-120261593.us-east-1.elb.amazonaws.com"
ec2_private_ip = "10.0.2.22"
private_subnets = [
    "subnet-0b169699264c52d8a",
    "subnet-03db2c5aaac3349bc",
]
public_subnets = [
    "subnet-00a4474baac49a1a8",
    "subnet-0029cb9e52e784250",
]
ssl_cert_arn = "arn:aws:acm:us-east-1:277707097694:certificate/6b3ba9a6-5727-4b37-83c4-f3cf27bb29bf"
vpc_id = "vpc-0999e76ccb604109e"

```

EC2 Instances Details (1/1)

Details	Status and alarms	Monitoring	Security	Networking	Storage	Tags
Instance summary Public IPv4 address: 10.0.2.22 Private IPv4 DNS: ip-10-0-2-22.ec2.internal Instance type: t2.micro VPC ID: vpc-0999e76ccb604109e (takehome-vpc) Subnet ID: subnet-0b169699264c52d8a (private-subnet-0) Instance ARN: arn:aws:ec2:us-east-1:277707097694:instance/i-04719046caa3a4f4f						
Auto Scaling AMIs: ami-051a45ff0a704a47 AMI name: al2023-ami-2023.6.20250211.0-kernel-6.1-x86_64 Stop protection: Disabled Instance auto-recovery: Monitoring disabled Allowed image: ami-051a45ff0a704a47 Launch time: Mon Feb 17 2025 22:28:59 GMT-0800 (Pacific Standard Time) (7 minutes)						
Platform details: Linux/UNIX Termination protection: Disabled AMI location: amazon/amazon-2023.6.20250211.0-kernel-6.1-x86_64 Stop-hibernate behavior: None						

EC2 Security Groups Details (1/1)

Details	Status and alarms	Monitoring	Security	Networking	Storage	Tags																					
Security details Owner ID: 277707097694 Launch time: Mon Feb 17 2025 22:28:59 GMT-0800 (Pacific Standard Time)																											
Inbound rules <table border="1"> <thead> <tr> <th>Name</th> <th>Security group rule ID</th> <th>Port range</th> <th>Protocol</th> <th>Source</th> <th>Security groups</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>sgr-041558bd6740da4c4</td> <td>sg-041558bd6740da4c4</td> <td>22</td> <td>TCP</td> <td>70.95.31.23/32</td> <td>terraform-20250218030806298100...</td> <td>-</td> </tr> <tr> <td>sgr-095e8cbaf13b77bf1</td> <td>sg-095e8cbaf13b77bf1</td> <td>443</td> <td>TCP</td> <td>sg-0a8021efab034233</td> <td>terraform-20250218030806298100...</td> <td>-</td> </tr> </tbody> </table>							Name	Security group rule ID	Port range	Protocol	Source	Security groups	Description	sgr-041558bd6740da4c4	sg-041558bd6740da4c4	22	TCP	70.95.31.23/32	terraform-20250218030806298100...	-	sgr-095e8cbaf13b77bf1	sg-095e8cbaf13b77bf1	443	TCP	sg-0a8021efab034233	terraform-20250218030806298100...	-
Name	Security group rule ID	Port range	Protocol	Source	Security groups	Description																					
sgr-041558bd6740da4c4	sg-041558bd6740da4c4	22	TCP	70.95.31.23/32	terraform-20250218030806298100...	-																					
sgr-095e8cbaf13b77bf1	sg-095e8cbaf13b77bf1	443	TCP	sg-0a8021efab034233	terraform-20250218030806298100...	-																					
Outbound rules <table border="1"> <thead> <tr> <th>Name</th> <th>Security group rule ID</th> <th>Port range</th> <th>Protocol</th> <th>Destination</th> <th>Security groups</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>sgr-079c3fb1fb9953f7</td> <td>sg-079c3fb1fb9953f7</td> <td>All</td> <td>All</td> <td>0.0.0.0/0</td> <td>terraform-20250218030806298100...</td> <td>-</td> </tr> </tbody> </table>							Name	Security group rule ID	Port range	Protocol	Destination	Security groups	Description	sgr-079c3fb1fb9953f7	sg-079c3fb1fb9953f7	All	All	0.0.0.0/0	terraform-20250218030806298100...	-							
Name	Security group rule ID	Port range	Protocol	Destination	Security groups	Description																					
sgr-079c3fb1fb9953f7	sg-079c3fb1fb9953f7	All	All	0.0.0.0/0	terraform-20250218030806298100...	-																					

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:securityGroupid=sg-068b29fd3a31b9164 - terraform-20250218030806298100000005

Details

Security group name	terraform-20250218030806298100000005	Security group ID	sg-068b29fd3a31b9164
Owner	277707097694	Inbound rules count	2
		Description	Managed by Terraform
		Outbound rules count	1
		Permission entry	

VPC ID: vpc-0999e76ccb604109e

Inbound rules (2)

Name	Security group rule ID	IP version	Type	Protocol	Port range	Source
sgr-041b5b6d7405a4c4	-	IPv4	SSH	TCP	22	70.95.33.243/32
sgr-055ekcaf1b77bf1	-	-	HTTPS	TCP	443	sg-0802ffefabb54231 / terraform-20250218030806298100000005

Subnets (1/1) Info

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR	IPv6 CIDR association ID	Available IPv4 addresses	Availability Zone
private-subnet-0	subnet-0b169699264c52d8a	Available	vpc-d999e76ccb604109e	10.0.2.0/24	-	-	250	us-east-1a

subnet-0b169699264c52d8a / private-subnet-0

Details

Subnet ID	subnet-0b169699264c52d8a	State	Available	Block Public Access	Off
IPv4 CIDR	10.0.2.0/24	IPv6 CIDR	-	IPv6 CIDR association ID	-
Availability Zone	us-east-1a	Network ACL	vpc-0999e76ccb604109e	VPC	vpc-0999e76ccb604109e takehome-vpc
Route table	rd-0990bd2a06a7481d2 takehome-private-rt	Default subnet	No	Auto-assign public IPv4 address	No
Resource configurations	New	Customer-owned IPv4 pool	-	Output ID	-
Resource gateways	New	IPv6-only	No	Hostname type	IP name
Target groups	-	DNS64	Disabled	Owner	277707097694

Your VPCs (1/1) Info

Name	VPC ID	State	Block Public Access	DHCP option set	Main route table	Main network ACL	Tenancy	Default VPC
takehome-vpc	vpc-0999e76ccb604109e	Available	Off	dopt-078e69c513ba49...	rto-0a70f0153113ebab4	act-03f7a98b54ecb40d	default	No

vpc-0999e76ccb604109e / takehome-vpc

Details

VPC ID	vpc-0999e76ccb604109e	State	Available	Block Public Access	Off
DNS resolution	Enabled	Tenancy	default	DHCP option set	dopt-078e69c513ba49...
Network ACL	act-03f7a98b54ecb40d	Default VPC	No	IPv4 CIDR	10.0.0.0/16
IPv4 CIDR (Network border group)	-	Network Address Usage metrics	Disabled	IPv6 pool	-
				Route 53 Resolver DNS Firewall rule groups	-

Subnets (1/10) Info													Last updated 1 minute ago	Actions	Create subnet
	Name	Subnet ID	State	VPC	Block Publicly	IPv4 CIDR	IPv6 CIDR	IPv6 CIDR association ID	Available IPv4 addresses	Availability Zone					
EC2 Global View Filter by VPC	Virtual private cloud	subnet-07183c64fb1a1bcf	Available	vpc-0x2495ed77bb237873	Off	172.31.16.0/20	-	-	4091	us-east-1b					
Virtual private cloud	Virtual private cloud	public-subnet-1	Available	vpc-0027cb052e784250	Off	vpc-09997f6cc504109e1 take...	Off	10.0.1.0/24	-	250	us-east-1b				
Virtual private cloud	Virtual private cloud	private-subnet-1	Available	vpc-0837ebd1cfedba	Off	vpc-0e4ca79ff7b237873	Off	172.31.32.0/20	-	4091	us-east-1c				
Virtual private cloud	Virtual private cloud	private-subnet-1	Available	vpc-0027cb052e784250	Off	vpc-09997f6cc504109e1 take...	Off	10.0.3.0/24	-	251	us-east-1b				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-0e4ca79ff7b237873	Off	172.31.48.0/20	-	4091	us-east-1e				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-09997f6cc504109e1 take...	Off	10.0.0.0/24	-	249	us-east-1a				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-0e4ca79ff7b237873	Off	10.0.2.0/24	-	250	us-east-1a				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-09997f6cc504109e1 take...	Off	172.31.0.0/20	-	4091	us-east-1d				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-0e4ca79ff7b237873	Off	172.31.64.0/20	-	4091	us-east-1f				
Virtual private cloud	Virtual private cloud	private-subnet-0	Available	vpc-0027cb052e784250	Off	vpc-09997f6cc504109e1 take...	Off	172.31.80.0/20	-	4091	us-east-1a				

Security		subnet-0029cb95e27e84250 / public-subnet-1					
Network ACLs		Details Flow logs Route table Network ACL CIDR reservations Sharing Tags					
Security groups							
PrivateLink and Lattice							
Getting started Updated							
Endpoints Updated							
Endpoint services							
Service networks Updated							
Lattice services							
Route tables							
Resource configurations New							
Resource gateways New							
Target groups							
DNS firewall							
Rule groups							
Domain lists							
Network Firewall							
Firewalls							
Details							
Subnet ARN		arn:aws:ec2:us-east-1:277707097694:subnet/subnet-0029cb95e27e84250					
Available IPv4 addresses		250					
IPv4 CIDR		10.0.1.0/24					
Availability Zone		us-east-1b					
Route table		rt-0004a5398641e862c takehome-public-rt					
Auto-assign IPv4 address		No					
IPv4 CIDR reservations		-					
Resource name DNS A record		Disabled					
State							
Available		Green					
IPv6 CIDR							
-		-					
Network border group							
ubc-east-1		ubc-east-1					
Default subnet							
No		-					
Customer-owned IPv4 pool							
-		-					
IPv6 CIDR							
-		-					
IPv6-only							
No		-					
Block Public Access							
Off		-					
IPv6 CIDR association ID							
-		-					
VPC							
vpc-0999e76cc6b604109 takehome-vpc		-					
Auto-assign public IPv4 address							
Yes		-					
Output ID							
-		-					
Hostname type							
IP name		-					
Owner		Owner: 277707097694					

subnet-03db2c5aaac3349bc / private-subnet-1	
	Details Flow logs Route table Network ACL CIDR reservations Sharing Tags
▼ Security	
Network ACLs	
Security groups	
▼ PrivateLink and Lattice	
Getting started	Updated
Endpoints	Updated
Endpoint services	
Service networks	Updated
Lattice services	
Resource configurations	New
Resource gateways	New
Target groups	
▼ DNS firewalls	
Role policies	
Domain lists	
▼ Network Firewall	
Resource name DNS A record	
Disabled	
Resource name DNS AAAA record	
Disabled	
DNS 5344	
Owner	277707097694

Subnets (1/10) Info												
Find resources by attribute or tag Last updated 1 minute ago												
Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR	IPv6 CIDR	IPv6 CIDR association ID	Available IPv4 addresses	Availability Zone	Actions	Create subnet	
-	subnet-07195d64fb481245f	○ Available	vpc-0e2494ff70237873	○ Off	172.31.16.0/20	-	-	4091	us-east-1b	Edit	Create subnet	
public-subnet-1	subnet-002eb952e526784150	○ Available	vpc-0999f7cc004109e1...	○ Off	100.1.0/24	-	-	250	us-east-1b	Edit	Create subnet	
-	subnet-0837bd1cd930a10	○ Available	vpc-0e2494ff70237873	○ Off	172.31.32.0/20	-	-	4091	us-east-1c	Edit	Create subnet	
private-subnet-1	subnet-0362c3aaac3349bc	○ Available	vpc-0999f7cc004109e1...	○ Off	100.3.0/24	-	-	251	us-east-1b	Edit	Create subnet	
-	subnet-08708a8311d6c1501	○ Available	vpc-0e2494ff70237873	○ Off	172.31.48.0/20	-	-	4091	us-east-1c	Edit	Create subnet	
public-subnet-0	subnet-004479aae4931a8	○ Available	vpc-0999f7cc004109e1...	○ Off	100.0.0/24	-	-	249	us-east-1a	Edit	Create subnet	
private-subnet-0	subnet-016992924c52c3a8	○ Available	vpc-0999f7cc004109e1...	○ Off	100.2.0/24	-	-	250	us-east-1a	Edit	Create subnet	
-	subnet-0cf578459c5335e0	○ Available	vpc-0e2494ff70237873	○ Off	172.31.0.0/20	-	-	4091	us-east-1d	Edit	Create subnet	
Carrier gateways	subnet-0cb48461176d74733	○ Available	vpc-0e2494ff70237873	○ Off	172.31.64.0/20	-	-	4091	us-east-1f	Edit	Create subnet	
Elastic IP options	subnet-0809f94e48d11384	○ Available	vpc-0e2494ff70237873	○ Off	172.31.80.0/20	-	-	4091	us-east-1a	Edit	Create subnet	

subnet-00a4474baac49a1a8 / public-subnet-0	
	Details Flow logs Route table Network ACL CIDR reservations Sharing Tags
Details	<p>Subnet ID: subnet-00a4474baac49a1a8</p> <p>Subnet ARN: arn:aws:ec2:us-east-1:277707976944:subnet/subnet-00a4474baac49a1a8</p> <p>IPv4 CIDR: 10.0.0.0/24</p> <p>Available IPv4 addresses: 249</p> <p>Availability Zone: us-east-1a</p> <p>Route table: rd-0004a3f96641e6962 takehome-public-rt</p> <p>Auto-assign IPv4 address: No</p> <p>IPv4 CIDR reservations: -</p> <p>IPv6 CIDR reservations: -</p>
State	<p>Available</p> <p>IPv6 CIDR: -</p> <p>Network border group: us-east-1</p> <p>Default subnet: No</p> <p>Customer-owned IPv4 pool: -</p> <p>IPv6-only: No</p>
Block Public Access	<p>Off</p> <p>IPv6 CIDR association ID: -</p> <p>VPC: vpc-0999976cc5604109e takehome-vpc</p> <p>Auto-assign public IPv4 address: Yes</p> <p>Output ID: -</p> <p>Hostname type: IP name</p>

Subnets (1/10) Info											Last updated 1 minute ago	Actions	Create subnet
	Name	Subnet ID	State	VPC	Block Public	IPv4 CIDR	IPv6 CIDR	IPv6 CIDR association ID	Available IPv4 addresses	Availability Zone			
<input checked="" type="checkbox"/>	Virtual private cloud	subnet-07185dc4fa14bcf	Available	vpc-0e2496ef7bb237873	Off	172.31.16.0/20	-	-	4091	us-east-1b			
<input type="checkbox"/>	Virtual private cloud	private-subnet-1	subnet-00210de52e784150	Available	vpc-0999e7cc004010be...	Off	10.0.1.0/24	-	-	250	us-east-1b		
<input type="checkbox"/>	Subnets	private-subnet-1	subnet-0038ed14c1eb8a10	Available	vpc-0e2496ef7bb237873	Off	172.31.32.0/20	-	-	4091	us-east-1c		
<input type="checkbox"/>	Route tables	private-subnet-1	subnet-03db2ca334ab0c	Available	vpc-0999e7cc004010be...	Off	10.0.3.0/24	-	-	251	us-east-1b		
<input type="checkbox"/>	Internet gateways	private-subnet-0	subnet-087a8311c10c1301	Available	vpc-0e2496ef7bb237873	Off	172.31.48.0/20	-	-	4091	us-east-1e		
<input type="checkbox"/>	Egress-only internet gateways	private-subnet-0	subnet-00476aaac910be...	Available	vpc-0999e7cc004010be...	Off	10.0.0.0/24	-	-	249	us-east-1b		
<input type="checkbox"/>	Carrier gateways	private-subnet-0	subnet-013890264a5208a	Available	vpc-0999e7cc004010be...	Off	10.0.2.0/24	-	-	250	us-east-1a		
<input type="checkbox"/>	DHCP option sets	private-subnet-0	subnet-027825b0353540	Available	vpc-0e2496ef7bb237873	Off	172.31.0.0/20	-	-	4091	us-east-1d		
<input type="checkbox"/>	Elastic IPs	private-subnet-0	subnet-06446170d74739	Available	vpc-0e2496ef7bb237873	Off	172.31.64.0/20	-	-	4091	us-east-1f		
<input type="checkbox"/>	Managed prefix lists	private-subnet-0	subnet-08059f17edf13384	Available	vpc-0e2496ef7bb237873	Off	172.31.80.0/20	-	-	4091	us-east-1a		

The screenshot shows the AWS VPC dashboard with the following details:

- Route tables (1/2) info**: A search bar and filter button for route tables.
- Subnet**: A selected filter in the sidebar.
- takehome-private-rt**: The first route table listed, with a checked checkbox. It has 2 subnets associated and no edge associations. It is Main and part of the vpc-0999e76ccb604109e VPC, owned by ID 277707097694.
- takehome-public-rt**: The second route table listed, with an unchecked checkbox. It has 2 subnets associated and no edge associations. It is Main and part of the vpc-0999e76ccb604109e VPC, owned by ID 277707097694.
- Details**: The detailed view for the takehome-private-rt route table, showing:
 - Details**: Route table ID rtb-0999d2ba06a7481d2, Main, No, Owner ID 277707097694, VPC vpc-0999e76ccb604109e, and Edge associations -.
 - Routes**: None listed.
 - Subnet associations**: 2 subnets listed.
 - Edge associations**: None listed.
 - Route propagation**: None listed.
 - Tags**: None listed.
- Security**: Network ACLs and Security groups sections.
- PrivateLink and Lattice**: Getting started section.
- Bottom navigation**: Last updated 2 minutes ago, Actions dropdown, Create route table button, and a gear icon.

The screenshot shows the AWS VPC dashboard with the following details:

Route tables (1/2) info

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC	Owner ID
takehome-private-rt	rtb-05950d7ad6a74811d2	2 subnets	-	No	vpc-0999fe76ccb60410fe take...	277707097694
takehome-public-rt	rtb-00da43986c41e862e	2 subnets	-	No	vpc-0999fe76ccb60410fe take...	277707097694

Details for rtb-00da43986c41e862e / takehome-public-rt

Details Routes Subnet associations Edge associations Route propagation Tags

Details

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-00da43986c41e862e	No	2 subnets	-
VPC	Owner ID		
vpc-0999fe76ccb60410fe takehome-vpc	277707097694		

VPC dashboard

Internet gateways (1/2) info

Name	Internet gateway ID	State	VPC ID	Owner
takehome-igw	igw-0410fc94895c4f047	Attached	vpc-0999e76ccb604109e takehome-vpc	277707097694
-	igw-0b3752592c8bb9b2	Attached	vpc-0e2499ef70b237873	277707097694

igw-0410fc94895c4f047 / takehome-igw

Details **Tags**

Security

Internet gateway ID: igw-0410fc94895c4f047

State: Attached

VPC ID: vpc-0999e76ccb604109e | takehome-vpc

Owner: 277707097694

VPC dashboard

Virtual private cloud

Internet IP addresses (1/1)

Name	Allocated IPv4 address	Type	Allocation ID	Reverse DNS record	Associated instance ID	Private IP address	Association ID	Network interface owner account	Network border group
67.202.56.199	Public IP	epalloc-0fa227d5a6318c1f7	-	-	-	10.0.0.111	eipassoc-0ec7cd3a94573879f	us-east-1	-

67.202.56.199

Summary **Tags**

Summary

Allocated IPv4 address: 67.202.56.199

Association ID: eipassoc-0ec7cd3a94573879f

Network interface ID: eni-0007baac488d0318

Address pool: Amazon

Type: Public IP

Scope: VPC

Network interface owner account ID: 277707097694

Network border group: us-east-1

Allocation ID: epalloc-0fa227d5a6318c1f7

Associated instance ID: -

Public DNS: ec2-67-202-56-199.compute-1.amazonaws.com

Reverse DNS record: -

Private IP address: 10.0.0.111

NAT Gateway ID: nat-00e90bfe fa596e784 (takehome-nat)

NAT gateways (1/1) info

Name	NAT gateway ID	Connectivity type	State	State message	Primary public IP	Primary private IP	Primary network interface ID	VPC	Subnet	Created	Deleted
takehome-nat	nat-00e90bfe fa596e784	Public	Available	-	67.202.56.199	10.0.0.111	eni-0007baac488d0318	vpc-0999e76ccb604109e takehome-vpc	subnet-00a4474baac49a1a8	Monday, February 17, 2025...	-

nat-00e90bfe fa596e784 / takehome-nat

Details **Secondary IPv4 addresses** **Monitoring** **Tags**

Details

NAT gateway ID: nat-00e90bfe fa596e784

NAT gateway ARN: arn:aws:ec2:us-east-1:277707097694:natgateway/nat-00e90bfe fa596e784

VPC: vpc-0999e76ccb604109e | takehome-vpc

Connectivity type: Public

Primary public IPv4 address: 67.202.56.199

Subnet: subnet-00a4474baac49a1a8 | public-subnet-0

State: Available

Primary private IPv4 address: 10.0.0.111

Created: Monday, February 17, 2025 at 19:08:16 PST

State message: -

Primary network interface ID: eni-0007baac488d0318

Deleted: -

VPC dashboard

Virtual private cloud

Security Groups (1/6) info

Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count	Outbound rules count
ec2-tg	terraform-202502180308029810000005	vpc-0999e76ccb604109e	Managed by Terraform	277707097694	2 Permission entries	1 Permission entry
alb-sg	sg-0b021ffab054233	terraform-202502180308029810000005	Managed by Terraform	277707097694	2 Permission entries	1 Permission entry
sg-057ae5c3984ed4d	launch-wizard-1	vpc-0e2499ef70b237873	launch-wizard-1 created 2024-11-11T...	277707097694	5 Permission entries	1 Permission entry
sg-0a70d9292cb7cb33d	default	vpc-0999e76ccb604109e	default VPC security group	277707097694	1 Permission entry	1 Permission entry
sg-099b88c7e160a245	default	vpc-0e2499ef70b237873	default VPC security group	277707097694	1 Permission entry	1 Permission entry
sg-020015eeb8241ee8	launch-wizard-2	vpc-0e2499ef70b237873	launch-wizard-2 created 2024-11-18T0...	277707097694	5 Permission entries	1 Permission entry

sg-068b29fd3a31b9164 - terraform-202502180308029810000005

Details **Inbound rules** **Outbound rules** **Sharing - new** **VPC associations - new** **Tags**

Details

Security group ID: sg-068b29fd3a31b9164

Owner: 277707097694

Description: Managed by Terraform

VPC ID: vpc-0999e76ccb604109e

Inbound rules count: 2 Permission entries

Outbound rules count: 1 Permission entry

Security Groups (1/6) Info										
Actions Export security groups to CSV Create security group										
<input type="checkbox"/> Filter by VPC Find resources by attribute or tag										
Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count	Outbound rules count			
ec2-sg	sg-0568b29f53a31b9164	terraform-202502180308062981000...	vsc-09997e7cc0d04109e	Managed by Terraform	277707097694	2 Permission entries	1 Permission entry			
<input checked="" type="checkbox"/> #v-sg	sg-0a0b1f0ab432433	terraform-202502180308062969000...	vsc-09997e7cc0d04109e	Managed by Terraform	277707097694	2 Permission entries	1 Permission entry			
-	sg-05c7edc35816e16d	launch-wizard-1	vsc-0449677b6237873	launched-wizard-1 created 2024-11-11T11...	277707097694	3 Permission entries	1 Permission entry			
-	sg-07d029fb953553d	default	vsc-09997e7cc0d04109e	default VPC security group	277707097694	1 Permission entry	1 Permission entry			
-	sg-029b988c7d1502a3	default	vsc-0249677b6237873	default VPC security group	277707097694	1 Permission entry	1 Permission entry			
-	sg-02b0216eb8241e8	launch-wizard-2	vsc-0449677b6237873	Launch-wizard-2 created 2024-11-18T0...	277707097694	3 Permission entries	1 Permission entry			

AWS Lambda		Amazon VPC	
Function ARN	arn:aws:lambda:us-east-1:123456789012:function:my-lambda	Subnet ID	subnet-0a802f1efabb54233
Role ARN	arn:aws:iam::123456789012:role/lambda-role	Security group	sg-0a802f1efabb54233 - terraform-20250218030802966900000004
Environment	prod	Tags	Tags
Code	Edit	Actions	Edit Delete

The screenshot shows the AWS CloudWatch Metrics Insights interface. At the top, there's a search bar and a dropdown for 'Options'. Below the search bar, there's a table header for 'Target groups (1/1) info' with columns: Name, ARN, Port, Protocol, Target type, Load balancer, and VPC ID. A single row is listed: 'takehome-tg' with ARN 'arn:aws:elasticloadbalancing:us-east-1:1277707097694:targetgroup/takehome-tg/f7af940293786d9', Port '443', Protocol 'HTTPS', Target type 'Instance', Load balancer 'takehome-alb', and VPC ID 'vpc-0999e76ccb604109e'. On the right side, there are 'Actions' and 'Create target group' buttons. The left sidebar lists various AWS services like EC2, Lambda, and S3.

AWS Search [Options] United States (N. Virginia) SuperAdmin@global-teck-prm

EC2 Key pairs

Dashboard EC2 Global View Events

Instances Instances Instance types Launch Templates Spot Requests Saving Plans Reserved Instances Dedicated Hosts Capacity Reservations

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots Lifecycle Manager

Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Load Balancing Load Balancers Target Groups Trust Stores

Auto Scaling

Key pairs (1/2) info Actions Create key pair

Name	Type	Created	Fingerprint	ID
<input checked="" type="checkbox"/> take-home-key-pair	rsa	2025/02/17 11:42 GMT-8	cd:8c:43:4a:54:10:dc:47:83:55:e7:2e:08:c4:9a:d8:ed:c5:91:a6	key-0c97827541e53bc0f
<input type="checkbox"/> myWebServer	rsa	2024/11/11 09:33 GMT-8	2f:ad:f9:a4:d8:9c:0:ad:8f:40:d2:f1:93:fb:1f:95:64:a9:cd:96:de	key-019b3a1591c955d65

AWS | Search [Option+S]

Route 53 > Hosted zones > global-tek-pros.com

Route 53

- Dashboard
- Hosted zones**
- Health checks
- Profiles New
- ▼ IP-based routing
- CIDR collections
- ▼ Traffic flow
- Traffic policies
- Policy records
- ▼ Domains
- Registered domains
- Requests
- ▼ Resolver
- VPCs
- Inbound endpoints

global-tek-pros.com Info

Hosted zone details

Records (3) DNSSEC signing Hosted zone tags (0)

Records (1/3) Info

Automatic mode is the current search behavior optimized for best filter results. [To change modes go to settings.](#)

Filter records by property or value

Record name	Type	Routing
global-tek-pros.com	NS	Simple
global-tek-pros.com	SOA	Simple
_d203d6927cd9ce303887d343525ea273.global-tek-pros.com	CNAME	Simple

AWS Certificate Manager > Certificates

6b3ba9a6-5727-4b37-83c4-f3cf27bb29bf

6b3ba9a6-5727-4b37-83c4-f3cf27bb29bf

Certificate status

Identifier: 6b3ba9a6-5727-4b37-83c4-f3cf27bb29bf Status: Issued

ARN: arn:aws:acm:us-east-1:27770797694:certificate/6b3ba9a6-5727-4b37-83c4-f3cf27bb29bf

Type: Amazon Issued

Domains (2)

Domain	Status	Renewal status	Type	CNAME name	CNAME value
global-tek-pros.com	Success	-	CNAME	d203d6927cd9ce303887d343525ea273.global-tek-pros.com	_d108f0f511c1113c68e45b55c44d795.zlyvmcf.validations.aws
*.global-tek-pros.com	Success	-	CNAME	d203d6927cd9ce303887d343525ea273.global-tek-pros.com	_d108f0f511c1113c68e45b55c44d795.zlyvmcf.validations.aws

Details

In use: Yes Serial number: 0b:db:61:03:79:a6:f6:0ce9:eb:64:98:aa:de:a2:fa Requested at: February 17, 2025, 19:19:34 (UTC-08:00) Renewal eligibility: Eligible

Domain name: global-tek-pros.com Public key info: Issued at: February 17, 2025, 19:21:21 (UTC-08:00)

Number of additional names: 1 Signature algorithm: SHA-256 with RSA Not before: February 17, 2025, 16:00:00 (UTC-08:00)

Can be used with: CloudFront, Elastic Load Balancing, API Gateway and other Not after: March 20, 2026, 16:59:59 (UTC-07:00)

Associated resources (1)

Resources: arn:aws:elasticloadbalancing:us-east-1:27770797694:loadbalancer/app/takehome-alb/06dedd03c7983e7

Not Secure https://takehome-alb-120261593.us-east-1.elb.amazonaws.com

Welcome to Cloud Infrastructure ENG - Take Home Exercise

The screenshot shows the AWS Route 53 interface. On the left, a sidebar menu includes 'Route 53' (selected), 'Dashboard', 'Hosted zones' (selected), 'Health checks', 'Profiles New', 'IP-based routing', 'CIDR collections', 'Traffic flow', 'Traffic policies', 'Policy records', 'Domains', 'Registered domains', 'Requests', 'Resolver', 'VP Cs', 'Inbound endpoints', 'Outbound endpoints', 'Rules', and 'Query logging'. The main content area displays the 'global-tek-pros.com' hosted zone details. It shows 'Records (4) Info' and a table of records:

Record name	Type	Value	TTL	Created	Last modified
global-tek-pros.com	NS	Simple	-	No	Never
global-tek-pros.com	SOA	Simple	-	No	Never
_d203d6927cd9ce305887d343525ea273.global-tek-pros.com	CNAME	Simple	-	No	Never
take-home-exercise.global-tek-pros.com	A	Simple	-	Yes	Never

At the bottom, a search bar contains 'take-home-exercise.global-tek-pros.com'.

Welcome to Cloud Infrastructure ENG - Take Home Exercise