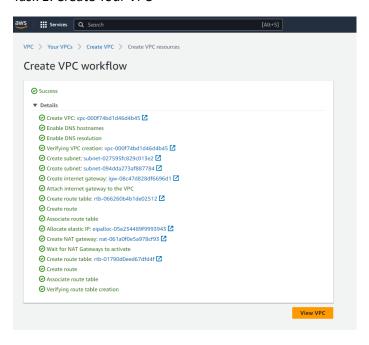# Lab 2

Task 1: Create Your VPC

Task 2: Create Additional Subnets

Route tables (6) Info

	Name	▽	Route table ID	▽	Explicit subnet associat...	Edge associations	Main ▽	VPC	▽	Owner ID	▽
☐	–		rtb-069d7207d2505c312		–	–	Yes	vpc-0f9d26385f73f2e0c | Wor...		754902621597	
☐	–		rtb-09b89ad88d15e1943		–	–	Yes	vpc-000f74bd1d46d4b45 | lab...		754902621597	
☐	lab-rtb-private1-us...		rtb-01790d0eed67dfd4f		2 subnets	–	No	vpc-000f74bd1d46d4b45 | lab...		754902621597	
☐	Work Public Route ...		rtb-0f1b1264dd7cd2fc0		subnet-0bafba73303a2f...	–	No	vpc-0f9d26385f73f2e0c | Wor...		754902621597	
☐	lab-rtb-public		rtb-066260b4b1de02512		2 subnets	–	No	vpc-000f74bd1d46d4b45 | lab...		754902621597	
☐	–		rtb-0b33786986eaa1b3f		–	–	Yes	vpc-09949185cd04c47d1		754902621597	

Task 3: Create a VPC Security Group

VPC > Security Groups > sg-0db8d8e950859e762 - Web Security Group

sg-0db8d8e950859e762 - Web Security Group   Actions ▼

Details

Security group name	Security group ID	Description	VPC ID
Web Security Group	sg-0db8d8e950859e762	Enable HTTP access	vpc-000f74bd1d46d4b45

Owner	Inbound rules count	Outbound rules count	
754902621597	1 Permission entry	1 Permission entry	

Inbound rules | Outbound rules | Tags

ⓘ You can now check network connectivity with Reachability Analyzer   Run Reachability Analyzer   ✕

Inbound rules (1/1)   Manage tags   Edit inbound rules

	Name ▽	Security group rule... ▽	IP version ▽	Type ▽	Protocol ▽	Port range ▽	Source ▽	Description
☑	–	sgr-0ef044270b649b2...	IPv4	HTTP	TCP	80	0.0.0.0/0	Permit web requests

Task 4: Launch a Web Server Instance

EC2 > Instances > Launch an instance

⊘ **Success**
Successfully initiated launch of instance (i-039e5662705ca3c9b)

▶ Launch log

Next Steps

Instances (2) Info   Connect   Instance state ▼   Actions ▼   Launch instances ▼

	Name ▽	Instance ID	Instance state ▽	Instance type ▽	Status check	Alarm status	Availability Zone ▽	Public IPv4 DNS ▽	Public IPv4 ... ▽	Elastic IP ▽	IP
☐	Web Server 1	i-039e5662705ca3c9b	⊘ Running ⊕⊖	t2.micro	⊘ 2/2 checks passed	No alarms ﹢	us-east-1b	ec2-44-202-129-149.co...	44.202.129.149	–	
☐	Bastion Host	i-028e36cbb1febce2e	⊘ Running ⊕⊖	t2.micro	⊘ 2/2 checks passed	No alarms ﹢	us-east-1a	ec2-3-238-188-83.com...	3.238.188.83	–	

Technical Essen ✕ ﹢

⚠ Not secure | ec2-44-202-129-149.compute-1.amazonaws.com

Dashboard   AWS Canvas   ▶ synthwave radio...

aws   Load Test   RDS

Meta-Data	Value
InstanceId	
Availability Zone	

Current CPU Load: **1%**

End Lab

Region: us-east-1
Lab ID: arn:aws:cloudformation:us-east-1:754902621597:stack/c79767a166591913991872t1w754902621597/a3aba5b0-e25b-11ed-a8ca-125e315dc717
Creation Time: 2023-04-23T21:51:13-0700
You may close this message box now. Lab resources are terminating ...