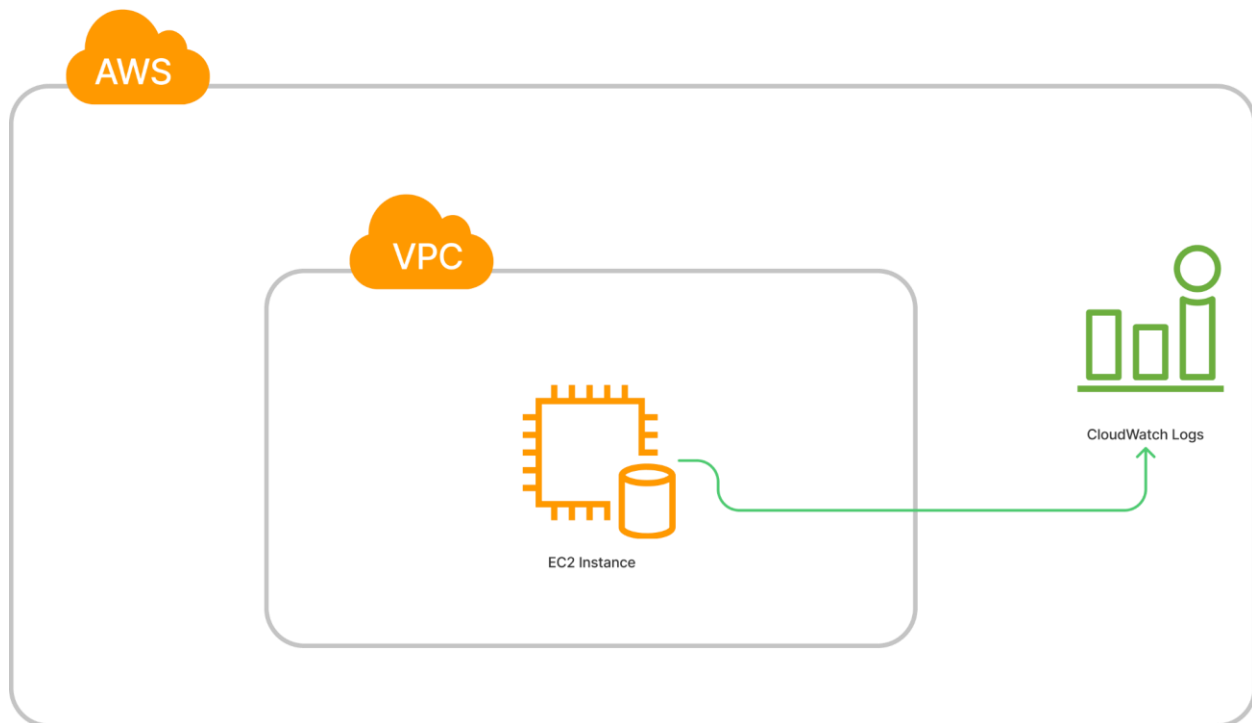


Ques 1: Follow Up the below AWS Architecture Diagram and Create the same in AWS, after created store the store the cloudwatch logs in the **logs.txt** file.



Created EC2 instance

Instances (1/1) info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4
Assignment12	i-039aeb54c3c59dc09	Running	t2.micro	2/2 checks passed	No alarms	us-east-1e	ec2-54-162-240-206.co...	54.162.240

Instance: i-039aeb54c3c59dc09 (Assignment12)

Instance ID i-039aeb54c3c59dc09 (Assignment12)	Public IPv4 address 54.162.240.206 open address	Private IPv4 addresses 172.31.57.130
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-54-162-240-206.compute-1.amazonaws.com open address
Hostname type IP name: ip-172-31-57-130.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-57-130.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address 54.162.240.206 [Public IP]	VPC ID vpc-05a95966be119e38e (DefaultVPC)	Auto Scaling Group name -
IAM Role myAss12	Subnet ID subnet-02e1c3ab76643d42b	

Installed awslogd in EC2 machine

```
[ec2-user@ip-172-31-57-130 ~]$ sudo systemctl status awslogsd
● awslogsd.service - awslogs daemon
   Loaded: loaded (/usr/lib/systemd/system/awslogsd.service; enabled; vendor preset: disabled)
   Active: active (running) since Thu 2023-02-02 16:39:47 UTC; 5min ago
     Main PID: 3087 (aws)
    CGroup: /system.slice/awslogsd.service
            └─3087 /usr/bin/python2 -s /usr/bin/aws logs push --config-file /etc/awslogs/awslogs.conf --additional-configs-dir /etc/awslogs/config

Feb 02 16:39:47 ip-172-31-57-130.ec2.internal systemd[1]: Started awslogs daemon.
[ec2-user@ip-172-31-57-130 ~]$
```

Log group configuration – renamed group name to Ass12

```
[/var/log/messages]
datetime_format = %b %d %H:%M:%S
file = /var/log/messages
buffer_duration = 5000
log_stream_name = {instance_id}
initial_position = start_of_file
log_group_name = Ass12
"/etc/awslogs/awslogs.conf" 127L, 8343B
```

Logs are getting stored in Cloud watch

Ass12

Actions ▾View in Logs InsightsSearch log group

▼ Log group details

ARN arn:aws:logs:us-east-1:563684797122:log-group:Ass12:*	Metric filters 0 Subscription filters 0 Contributor Insights rules -	Data protection - new ⊖ Inactive Sensitive data found - new - KMS key ID -
Creation time 1 day ago		
Retention Never expire		
Stored bytes 41.89 KB		

Log streams

Metric filtersSubscription filtersContributor InsightsTagsData protection - new

Log streams (1)

🔄DeleteCreate log streamSearch all log streams

🔍 Filter log streams or try prefix search

☐ Exact match☐ Show expired ⓘ Info

< 1 > ⚙️

<input type="checkbox"/>	Log stream ▾	Last event time ▾
<input type="checkbox"/>	i-039aeb54c3c59dc09	2023-02-01 12:02:21 (UTC+05:30)