

Assignment 1 :: Deploy web application on AWS, open appropriate ports and use route 53 to access the application using DNS name.

Instance created with Elastic IP:

The screenshot displays the AWS Management Console interface for an EC2 instance. The instance is named 'Assignment_1' and is in the 'Running' state. The console shows various details including the instance ID, type, state, and network configuration. The instance is associated with an Elastic IP address.

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 ... | Elastic IP |
|--------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|--------------------------|-----------------|----------------|
| Assignment_1 | i-0c5fbf503bdbf605a | Running | t2.micro | 2/2 checks passed | No alarms | us-east-1a | ec2-34-198-233-131.co... | 34.198.233.131 | 34.198.233.131 |

Instance: i-0c5fbf503bdbf605a (Assignment_1)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary

Instance ID: i-0c5fbf503bdbf605a (Assignment_1)
IPv6 address: --
Hostname type: IP name: ip-172-31-9-132.ec2.internal
Answer private resource DNS name: IPv4 (A)
Auto-assigned IP address: --

Public IPv4 address: 34.198.233.131 | open address
Instance state: Running
Private IP DNS name (IPv4 only): ip-172-31-9-132.ec2.internal
Instance type: t2.micro
VPC ID: vpc-6fc80712
Subnet ID: subnet-8fc370e9

Private IPv4 addresses: 172.31.9.132
Public IPv4 DNS: ec2-34-198-233-131.compute-1.amazonaws.com | open address
Elastic IP addresses: 34.198.233.131 [Public IP]
AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more
Auto Scaling Group name: --

Instance details

Platform: Amazon Linux (Inferred)
AMI ID: ami-0022f774911c1d690
AMI name: --

Monitoring: disabled
Termination protection: --

Security Group:

The screenshot displays the AWS Management Console interface for the security group associated with the EC2 instance. The security group is named 'sg-0e15b7c7351b12ae (DevOps_sg1)' and is in the 'Active' state. The console shows various details including the security group ID, name, and inbound/outbound rules.

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 ... | Elastic IP |
|--------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|--------------------------|-----------------|----------------|
| Assignment_1 | i-0c5fbf503bdbf605a | Running | t2.micro | 2/2 checks passed | No alarms | us-east-1a | ec2-34-198-233-131.co... | 34.198.233.131 | 34.198.233.131 |

Instance: i-0c5fbf503bdbf605a (Assignment_1)

Details | **Security** | Networking | Storage | Status checks | Monitoring | Tags

Security details

IAM Role: --
Owner ID: 271697867512
Launch time: Thu Jun 09 2022 17:17:24 GMT+0530 (India Standard Time)

Security groups: sg-0e15b7c7351b12ae (DevOps_sg1)

Inbound rules

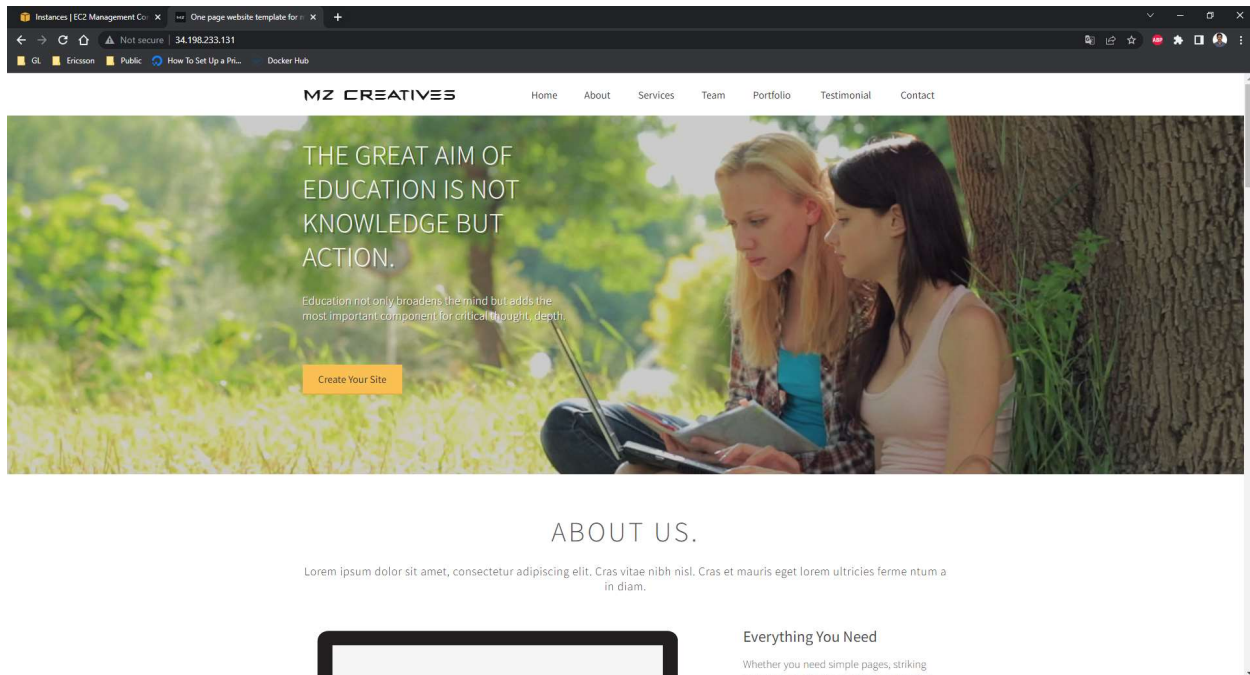
| Security group rule ID | Port range | Protocol | Source | Security groups |
|------------------------|------------|----------|-----------|-----------------|
| sgr-0B544f036108b22c5 | 22 | TCP | 0.0.0.0/0 | DevOps_sg1 |
| sgr-0e19c56e1464c9e99 | 80 | TCP | 0.0.0.0/0 | DevOps_sg1 |

Outbound rules

| Security group rule ID | Port range | Protocol | Destination | Security groups |
|------------------------|------------|----------|-------------|-----------------|
| sgr-033fdd1a48f7960c3 | All | All | 0.0.0.0/0 | DevOps_sg1 |

Sample Webpage (Downloaded free web page code):

Elastic IP:



Route53 :: <http://test.hariharantestdns.tk/>

