**Removing Unattached EBS Volumes**

When an instance is terminated, EC2 uses the value of the DeleteOnTermination attribute for each attached EBS volume to determine whether to preserve or delete the volume when the instance is terminated.

By default, the DeleteOnTermination attribute for the root volume of an instance is set to true, but it is set to false for all other volume types.

To preserve the root volume when an instance is terminated, change the DeleteOnTermination attribute for the root volume to false.

**Changing the root volume of a running instance to persist**

1. Edit mapping.json, setting the value for DeviceName to your block device name.
2. Using the AWS CLI, modify the DeleteOnTermination attribute:

aws ec2 modify-instance-attribute --instance-id i-1234567890abcdef0 --block-device-mappings file://mapping.json