AWS SDK

- Configuration
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Configuration

Configure Credentials:

```
aws configure
```

List of Configured Credentials:

```
aws configure list
```

Locate the AWS CLI Credentials File

View Credentials:

1. Open a terminal or command prompt.
2. Run the following command:

```
cat ~/.aws/credentials
```

This will display your configured access keys.

View Configuration:

To check the AWS region and other configuration details:

```
cat ~/.aws/config
```

AWS Systems Manager

Verify IAM Role Permissions

The EC2 instance you're targeting needs an IAM role with the appropriate policies attached.

Steps:

1. Go to the EC2 Console, and check the IAM role attached to your instance:

- Select the EC2 instance.
- In the Description tab, check the IAM Role field.

2. Attach the following managed policies to the IAM role:

- AmazonSSMManagedInstanceCore
- AmazonEC2RoleforSSM (deprecated, but still in use in some older setups)

3. If you're using a custom policy, ensure it includes the following permissions:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "ssm:StartSession",
        "ssm:DescribeInstanceInformation",
        "ssm:SendCommand",
        "ssm:ListCommandInvocations",
        "ssm:GetCommandInvocation"
      ],
      "Resource": "*"
    }
  ]
```

```
}
```