**IS 698 Special Topics in Information Systems**

**Lab 1c**

**Securing AWS Environment for Workload Migration**

**Part 1: Create IAM Roles for Developers**

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**Step 1.2: Define Trusted Entity**

**AWS service – EC2**

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**Attached AmazonS3ReadOnlyAccess**

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**Role name: DeveloperRole**

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**Step 1.4: Review and Create**

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**Part 2: Define IAM Policies**

**Step 2.1: Create a Custom Policy**

Navigate to **IAM Policies** and click **Create policy**.

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Define permissions in JSON format:

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**Review policy: S3FullAccess is created**

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**Step 2.2: Attach Policy to a Role or User**

**The policy is attached to the developer role**

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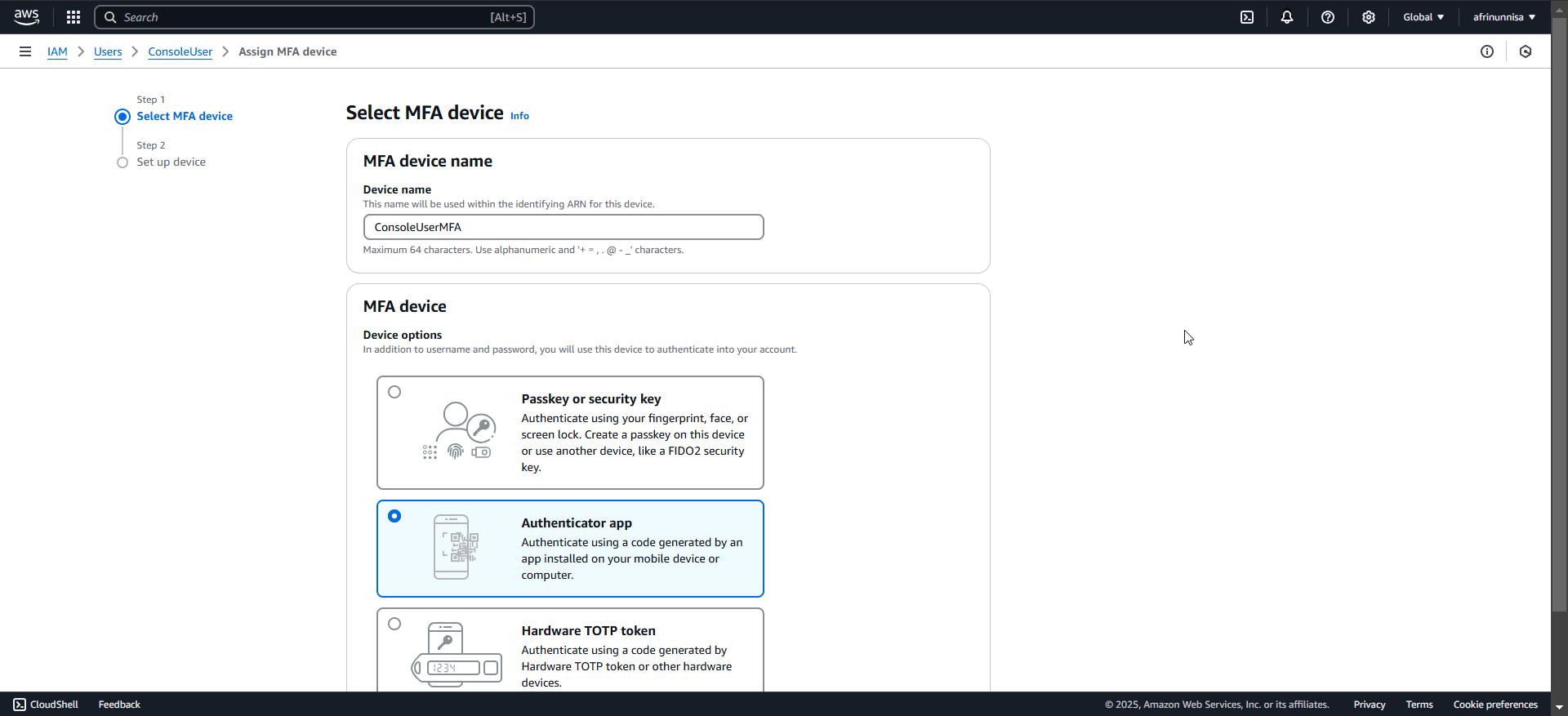
**Part 3: Secure Access with MFA**

**MFA was already added to the root user**

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**Step 3.2: Enable MFA for IAM Users**



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**Part 4: Test Access**

**Testing the MFA access for ConsoleUser**

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Log in as the developer to the AWS Management Console or AWS CLI.\n2. Verify the roles and policies applied:

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