**1. Create an AuroraDB Engine-based RDS Database**

1. **Log in to AWS Management Console:**
   * Navigate to the **RDS** service.
2. **Create a New Database:**
   * Click on **Create database**.
   * Under **Engine options**, select **Amazon Aurora**.
   * Choose between **Amazon Aurora with MySQL compatibility** or **Amazon Aurora with PostgreSQL compatibility** based on your requirements.
   * Under **Database features**, choose **Serverless** or **Provisioned** depending on your use case.
   * Configure the **DB Cluster Identifier**, **Master username**, and **password**.
   * Choose the instance class and configure the storage options.
3. **Networking and Connectivity:**
   * Select the VPC and configure other networking options such as subnet group, VPC security groups, etc.
   * If public access is required, enable **Publicly accessible**.
   * Choose the availability zones for your instances (for multi-AZ deployment).
4. **Additional Configuration:**
   * Set up backup retention, monitoring, and maintenance options as needed.
   * Review your settings and click **Create database**.

**2. Create 2 Read Replicas in Different Availability Zones**

1. **Navigate to the Aurora Cluster:**
   * Go to the **RDS** dashboard and click on your newly created Aurora DB cluster.
2. **Create Read Replicas:**
   * In the **Actions** menu, select **Add reader**.
   * Choose the instance class and configure the replica settings.
   * Select a different **Availability Zone** from your primary instance for the first read replica.
   * Click **Add reader**.
3. **Repeat for the Second Read Replica:**
   * Again, in the **Actions** menu, select **Add reader**.
   * Choose a different **Availability Zone** for the second read replica.
   * Click **Add reader**.