**LINUX WORLD INFORMATICS PVT LTD**

**AWS-CSA Developer Training**

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**Group No: LW-AWS-5**

**AWS-CSA Task Submission**

**Task 1:**

Read at least one case study or stories of companies that got benefitted from AWS according to your interest field and then create a blog/article of the same.

**Article link:** <https://www.linkedin.com/pulse/case-study-netflix-using-aws-cloud-tushar-joshi>

**Task 2**

1. Create a key pair   
2. Create a security group  
3. Launch an instance using the above created key pair and security group.  
4. Create an EBS volume of 1 GB.  
5. The final step is to attach the above created EBS volume to the instance you created in the previous steps.

**Article link:**

https://www.linkedin.com/posts/tushar-joshi-5a3452191\_aws-cli-task-activity-6722921544445661185-vckk

**Task 3**

1.Create an AWS EC2 instance   
2.Configure the instance with Apache Webserver.  
3.Download php application name "WordPress"".  
4.As wordpress stores data at the backend in MySQL  
5.Database server. Therefore, you need to setup a MySQL server using AWS RDS service using Free Tier.  
6.Provide the endpoint/connection string to the  
WordPress application to make it work.

**Article link:**

<https://www.linkedin.com/pulse/mysql-server-using-aws-rds-service-tushar-joshi>

**Task 4**

Research on industrial use cases of AWS SQS and create a blog/article for the same.

**Article link:** <https://www.linkedin.com/pulse/amazon-simple-queue-service-sqs-tushar-joshi>

**Task 5**

Create High Availability Architecture with AWS CLI   
The architecture includes -  
- Webserver configured on EC2 Instance  
- Document Root(/var/www/html) made persistent by mounting on EBS Block Device.  
- Static objects used in code such as pictures stored in S3  
- Setting up Content Delivery Network using CloudFront and using the origin domain as S3 bucket.  
- Finally place the Cloud Front URL on the webapp code for security and low latency.

**Article link:**

https://www.linkedin.com/posts/tushar-joshi-5a3452191\_creating-high-level-architecture-using-aws-activity-6727611899044737024-JSZw