**Week 7 – Lab 1: Introduction to AWS IAM**

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**Task 1: Create an AMI for Auto Scaling**

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Figure 1: Create AMI for Web Server 1 instance.

**Task 2: Create a Load Balancer**

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Figure 2: Create target group for instances.

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Figure 3: Create Load Balancer.

**Task 3: Create a Launch Template and an Auto Scaling Group**

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Figure 4: Create Launch Template.

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Figure 5: Create an auto scaling group.

**Task 4: Verify that Load Balancing is Working**

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Figure 6: Two more lab instances are created.

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Figure 7: Try the Load Balancer response.

**Task 5: Test Auto Scaling**

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Figure 8: Generate 100% CPU Load.

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Figure 9: Alarm is triggered.

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Figure 10: More instances are created.

**Task 6: Terminate Web Server 1**

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Figure 11: Terminate Web Server 1 instance.

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Figure 12: Score after submission.

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Figure 13: Submission report.