**Using CloudWatch Dashboards to Monitor Resource Utilization**

**About this Hands-on Lab**

Welcome to this AWS hands-on lab. We will create and configure an AWS CloudWatch dashboard and widget to monitor our resource utilization.

**The Scenario**

Your company has just issued a new requirement that all team members be more involved with cost savings while having the ability to monitor their applications. To increase the visibility not only for your company teams (Development, Testing, Production, etc.) but also management and the finance teams, you have decided to create CloudWatch dashboards to monitor the resource allocation of your application to provide more insight into possible cost savings. Let's get started!!!

**Learning Objectives**

Successfully complete this lab by achieving the following learning objectives:

1. Create an EC2 instance called BH.
2. Install, configure and run the stress utility.
3. Create a Custom CloudWatch Dashboard
4. In the CloudWatch console, select Dashboards.
5. Create a Dashboard, and add the name BHCPUUTILIZATION.
6. Click Create Dashboard.
7. Select the Line Widget.
8. Select the EC2 metric, and choose Per-Instance Metrics.
9. Now, search for CPUUTILIZATION and select the BH EC2 instance.
10. Customize the time interval to 15 minutes.
11. Create the widget and select Save Dashboard.

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