**EPIC (**[**HRM-1050**](https://jira.mheducation.com/browse/HRM-1050)**)**: As an application team, I need an automated solution that enables monitoring of cloud-based resources so that I'm enabled to create custom dashboards, reports and alerts and respond in a way that reflects the needs of my customer.

**REQUIREMENTS:**

1. Enable Account-level and Container-level monitoring with DataDog:
   1. Get with MHE Security Team (Mike Osburn, Sean Gribbin) to approve creation/enablement of the DatadogAWSIntegration role.
   2. The Turbot team/product will not create the role by default, nor will they implement at this time.
   3. With approval from MHE Security Team to create the DataDogIntegrationRole, build a script that can iterate through each existing Turbot account to create the DatadogAWSIntegration role and applies the Datadog Managed Policy.
   4. Successfully run the DataDogIntegrationRole script on each existing MHE AWS account.
   5. Append the AWS Account On-boarding process to include running of this Datadog script on new provisioned MHE AWS accounts.
      1. This means that any team requesting/obtaining a new AWS account will have Datadog enabled.
2. Enable Host-level monitoring:
   1. Enable Datapipe monitoring by installing necessary agents.
   2. Write documentation describing how application teams can implement.
3. Enable Application-level:
   1. Write documentation describing how application teams can implement.

Datadog reference - <https://docs.datadoghq.com/integrations/aws/>

**NARRATIVE**:  
As an application owner, I need to have Datadog capture metrics for a select set of AWS (EC2, RDS, ELB, ASG, DDB, ElastiCache, SQS) so that I can use a Datadog dashboard for metrics reporting.

**ACCEPTANCE CRITERIA:**

1. Security has approved of creation/enablement of DatadogAWSIntegration role.
2. The 'DataDogIntegration' script runs successfully in each Turbot account, enabling collection of metrics for the specified services.
3. Verify that metrics are being displayed in the Datadog dashboard (default view).