Beta Presentation
AppDynamics Platform Configuration Tool

The Capstone Experience
Team Evolutio

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Spring 2019
Project Overview

• Empower Evolutio’s Consultants and Clients to Utilize Cisco AppDynamics
• Easily Configure, Deploy and Manage Applications
• Retrieve and Report Basic Application Metrics Via Amazon’s Alexa
System Architecture

Amazon Alexa

Amazon Lambda

Web App UI

RESTful Web Service

Generated Alexa Skill

HTTP Request/JSON

HTTP Response/JSON

HTTP Request/JSON

HTTP Response/JSON
Controller Connections

AppDynamics Configuration Tool

Controller
http://96.27.67.159:8191/controller/

Account
Customer1

Username
Username

Password
Password

Add

Controller Connections

Controllers:
http://96.27.67.159:8090/controller/
http://96.27.67.159:8191/controller/

Edit
Delete
Alexa Skill

Necessary Precursors:
- Created an Amazon Developer Account
- Created an Amazon AWS Account

Downloading the Skill:
- Open your Evolutio AppDynamics Platform Configuration Tool
- Input the specific AppDynamics Controller you would like to generate a skill for
  - Open the Alexa Configuration Tab
  - Select that same controller
- Enter the name of the Application you would like Alexa to collect metrics for
  - Note: You can change the application within the skill
- Enter the specific email you will be using in this skill
- Press the Generate Button as seen below

Modifying Folders:
- Once we have the skill downloaded, we are going to want to extract the zip into a separate folder
- Now if we open that folder, we will see the three files (node_modules.zip, AlexaBackend.zip, AlexaFrontend.js)
Monitor Dashboards

AppDynamics Configuration Tool

Group Name
- Spartan Retail

Select Source Controller
- None selected

Select Target Controller
- None selected

Groupings:
- Big Deal Retail
- Edit
- Delete
Deploy Dashboards

AppDynamics Configuration Tool

Deploy Dashboards

- Choose File: No file chosen
- Select Controller: http://96.27.67.159:8090/controller/
- Select Target Application: Big Deal Retail 1

Start Deployment Configuration
Reset Configuration

Rename Dashboard (Optional):
BDR Overview_1

Tier Changes:
No changes need to be made.

Node Changes:
Node1 -> Node3

Business Transaction Changes:
/http/to2nd -> None selected
What’s left to do?

• Enhancing Notification System
• Update UI/UX
Questions?