Lab: Intro to Developer, Media, Mobile, Migration, Business, IoT

Developers tools

Cloud9

IDE in AWS, let you code and then develop services directly from the IDE

CodeStar

Can manage entire CI/CD pipeline for your application. Have project amangement dashboard, JIRA.

X-Ray

Make it easy to analyze and debug application, give you insight for your application performance.

CodeCommit

Git repository but run in AWS cloud

CodePipeline

CI/CD pipeline. Help you build, test, and deploy whenever you commit to your repository

CodeBuild

Compiles your source code, runs test, and produce software package that is ready for deploymnet

CodeDeploy

Automates software deployments to different AWS services, EC2, Lambda

Media services

Elemental Mediaconvert

File based video transcoding service, can help you convert video formats

MediaPackage

Prepare video content for delivery over the internet, also have piracy protection.

MediaTailor

Insert targeted ads into your video

MediaLive

Broadcast live streams for both TV and internet

MediaStore

Storage service for storing media

Kinesis Video Streams

Stream connected device video into AWS cloud for machine learning and other processing applications

Mobile services

AWS Mobile Hub

Configure AWS application for mobile services

AWS Device Farm

App testing service for Andriod, iOS, and web application. Test app against large collection of physical devices.

AWS AppSync

GraphQL backend for mobile applications.

Migration

AWS Appliation discovery Service

Help plan migration over to AWS by collecting data from on-premise data center.

AWS Database Migration Service

Help migrate database to another data type

AWS Server Migration Service

Automate migration work-load

AWS Snowball

Portal petabyte scale data storage device. Used for migrate on-premise database to AWS cloud

Other

WorkDocs

Basically googledocs, but can accept lots of different doc types

WorkMail

Business email and calendar service

Chime

Online meeting service, basically Zoom.

WorkSpaces

Fully managed secure desktop as a service. Give you a virtual desktop that you can use

AppStream 2.0

Allow you to stream desktop applications to html5 compatible web browser.

Internet of things

AWS IoT

Let embedded devices, microcontrollers and Raspberry pi to interact with AWS

FreeRTOS

OS for microcontrollers, allow small low-cost low-power to connect to AWS

Greengrass

Let you run local AWS lambda functions and messaging data, and machine learning applications

Gamelift

Deploy scale anad manage dedicated game servers

Lumberyard

Game development environment

Revision #1
Created 2023-01-14 18:59:59 UTC by Tamarine
Updated 2023-02-06 18:24:02 UTC by Tamarine