**Iverson Associates Sdn Bhd (303330-M)**
Suite T113 – T114, 3rd Floor, Centrepoint, Lebuh Bandar Utama
Bandar Utama, 47800 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7726 2678     Fax: 03-7727 9737     Website: www.iverson.com.my

Course Outline :: AWS-MS::

| Module Title | : | **Running Container-Enabled Microservices on AWS** |
|---|---|---|
| **Duration** | : | **1 day** |

## Description

Running Container-Enabled Microservices on AWS is designed to teach you how to manage and scale container-enabled applications by using Amazon EC2 Container Service (ECS). The course highlights the challenges of running containerized applications at scale and provides guidance on creating and using Amazon ECS to develop and deploy containerized microservices-based applications. In the hands-on lab exercises, you use Amazon ECS to handle longrunning services, build and deploy container images, link services together, and scale capacity to meet demand. This bootcamp also discusses how to run container workers for asynchronous application processes.

## Intended Audience

This course is intended for:

- Developers
- System administrators
- Solutions architects

## Course Objectives

This course teaches you how to:

- Design a microservices-based architecture that uses containers.
- Use Amazon ECS to run and scale a microservices-based application.
- Integrate Amazon ECS with other AWS services.

## Prerequisites

We recommend that attendees of this course have the following prerequisites:

- Fundamental knowledge of core AWS services and features
- Working knowledge of running containerized applications

## Course Outline

This course covers the following concepts:

- Course Introduction

- Building Your First Container - Getting Acquainted with Docker
- Overview of Microservices on AWS
- Scaling your Container-Based Application
- Continuous Delivery Pipelines for Container-Based Microservices
- Service Discovery for Container-Based Microservices