

Microsoft Cloud Workshop: Big Compute (MS-40529)

Modality: Virtual Classroom

Duration: 1 Day

SATV Value: 1

About this course:

Use Azure Batch to configure and set up an architecture for scale-out media processing. We will use broad computing methods without having to write a ton of code, discovering how to perform such tasks declaratively.

Course Objective:

- How to write Batch auto-scale formulas
- Discover about key Azure Batch features
- Work with I/O files for Job
- Using marketplace apps to ease common big computation tasks like 3D rendering
- Comprehend how to create Job templates and custom Pool
- Leverage batch workshops and the Azure Portal to manage and monitor

Audience:

This online training program is designed for IT professionals and Cloud Architects who have solutions design and infrastructure architecture experience in cloud technology and want to know more about Azure and its services as defined in the ' At Course Completion ' and ' About this Course ' areas. Anyone taking this training should also be trained in other cloud technologies other than MS, fulfill the preconditions of the program, and want to cross-train on Azure.

Course Outline:

Module 1: Whiteboard Design Session - Big Compute

Lessons

- Review the customer case study
- Design a proof of concept solution
- Present the solution

Module 2: Hands-on Lab - Big Compute

?Lessons

- Provision the Batch environment
- Create Batch CLI templates and files
- Run a Batch job
- Scale a pool
- 3D Rendering with the Batch Rendering Service