**A picture containing clipart

Description generated with very high confidence**

MODULE-4 ASSIGNMENT

Microsoft Azure AZ-203 Training Course

[**support@intellipaat.com**](mailto:support@intellipaat.com)

**+91-7022374614**

**US: 1-800-216-8930(Toll Free)**

**Topic:** Run a parallel workload with Azure Batch using the .NET API

**Description: Azure Batch Service is used to run large scale batch jobs efficiently in the Azure, it creates and manages a pool of compute nodes, it installs the applications that you want to run and schedule the job you want to run on those nodes without installing a cluster, a job scheduler or a software for managing and scaling.**

**Problem Statement:** Use Azure Batch to run large-scale parallel and high-performance computing (HPC) batch jobs efficiently in Azure.

**Steps:**

* Add an application package to your Batch account
* Authenticate with Batch and Storage accounts
* Upload input files to Storage
* Create a pool of compute nodes to run an application
* Create a job and tasks to process input files
* Monitor task execution
* Retrieve output files