Parallel Job Processing

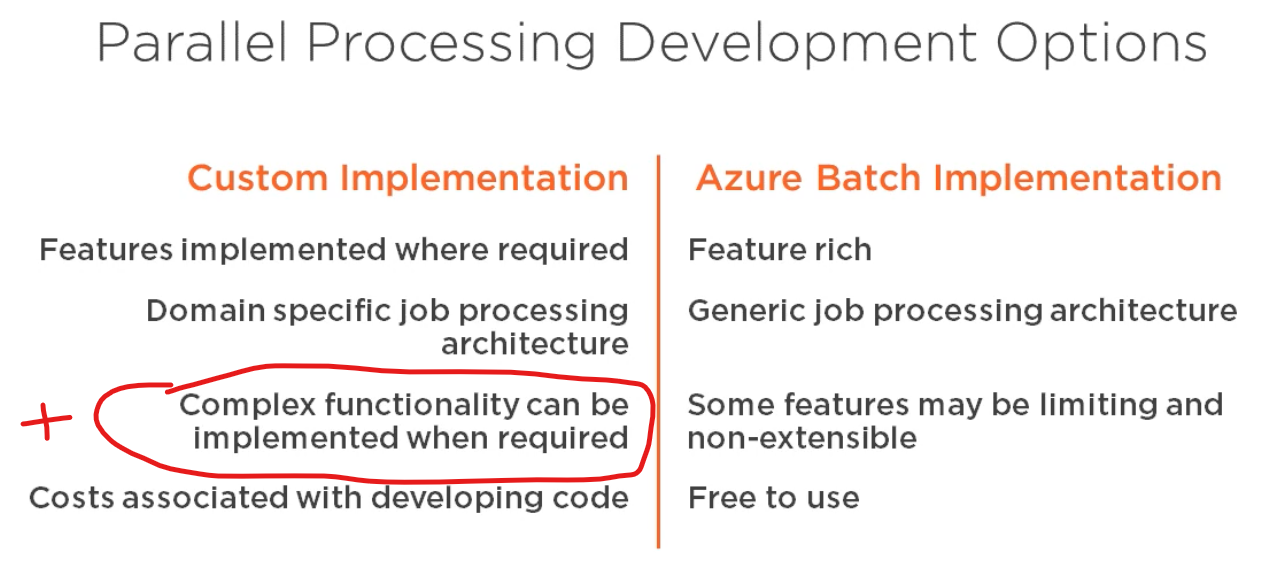
* Job
  + Requires processing/computing
  + Can take a long time to complete
  + Can be broken down into Tasks

Azure Batch core features:

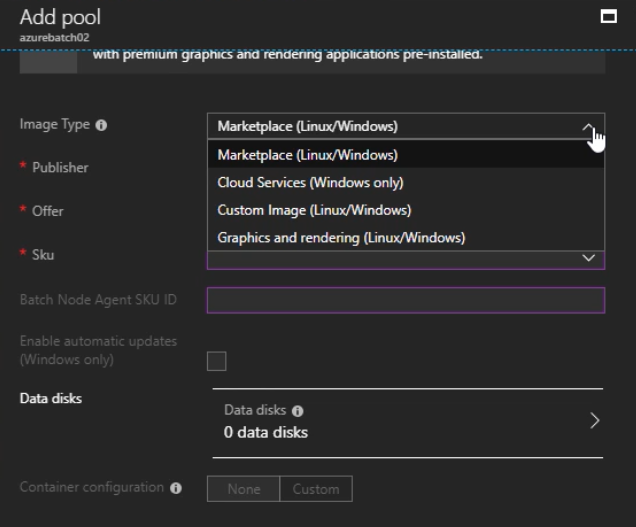
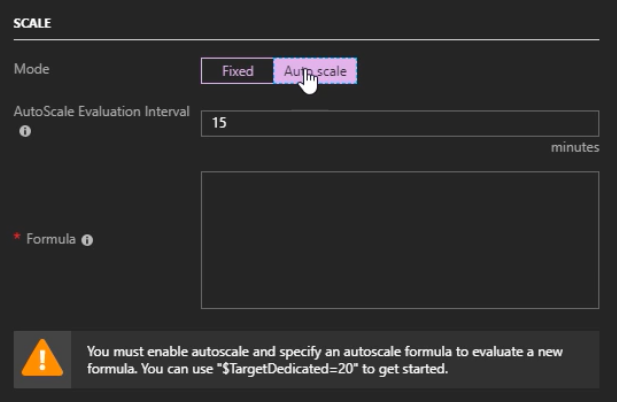
* Resource Management (autoscaling, etc)
* Process Management
* Resource and Process Monitoring

Billing is based on consumption:

* Free to create
* Only charged for resources being used



When creating a Batch Service, the creation of a Storage Account is also required

* Create Blob Container(s) in Storage Account (eg. Inputs, Output)
* Batch account -> Applications
  + 20 apps can be defined
  + Upload app package as ZIP
* Create Pool in Batch account
  + Used to manage resource as they are starting to process tasks
  + 
  + 
  + Select Pool’s app to the previously uploaded ZIP
  + Then create a new Job, assign it to use the previously created Pool
  + Then create tasks within the Job
    - SAS: Shared Access Signature: create a reference for the input Blob