

Serverless

From Abhijit - Esri

- Setup an Image service with RDS as back end.
- The image service is pointing to the mosaic dataset sitting on the RDS.
- Set up a GP service which is secured one.
 - This GP service takes the input MRF string and performs the Add Raster operation on the mosaic directly

Daily process

- A new file arrives at the specified S3 bucket,
- A Lambda process kicks in, which connects to the GP service
- This GP service takes an input as the MRF string and executes its. Since this is a rest call, it does not need any other dependency.
- The newly added data gets reflected can be done using the refresh service option (see <https://developers.arcgis.com/rest/services-reference/refreshservice.htm>).

There is no such documentation on this, but we have used this a few times before.

Other option is to have a separate ec2 machine which does the add raster operation. We can talk about all these options in the call sometime.

Regarding the update for the issue reported, I have sent a reply to a different thread. I have also updated the Git repository with the changes.