## GPA Development Tasks

***Critical***

1. Support Scanning on NFS – 32 Hours *Waiting to see if NFS is needed*
2. Alarm Engine to wait n seconds to lowering alarm and “ignore” bad values or zeros. – 48 hours
3. Enable or disable reasonability check when data gap recovery is enabled. – 32 hours *Not critical*
4. Move BulkTagTemplate cshtml to openPDC from openHistorian and change the time to wait create the calcs. – DONE (onsite)

***Medium***

1. RabbitMQ Adapter to send and receive data from RabbitMQ databus (bi-directional, i.e., read/write, adapter). – 80 hours *July/Aug; Ricardo to provide requirements*
2. Update StreamSplitter and STTP connections to come back to “primary” address after primary address is restored for a configurable time. – 40 hours
3. ~~Add web API (callable from Grafana) to register an “event” (simply log to EventMarker table), then write D2 file (all points +/-15 minutes) into first attached paths directory. – 56 hours~~
4. ~~Update OH Grafana data source to work with Grafana alarming features. – 240 hours~~

***Low***

1. Improve STTP replay to be properly time-aligned and provide a simple web API to initiate replay from Grafana. – 84 hours
2. Improve data recovery to look for data gaps as well as outages. – 150 hours
3. Verify openHistorian Download Data Grafana plugin works with current Grafana. – Done, Cannot be used by ONS due to network restrictions.
4. ONS-3 Allow use of both the openHistorian and STTPAPI packages on the same server