Time taken by EnTK and RP to execute two applications with the same workflow Workflow: 1 Pipeline, 1 Stage per Pipeline and 16 Tasks per Stage Resource: XSEDE.SuperMIC Task kernel = canalogs(analog ensemble), /bin/sleep Task duration = 252 second(s)Number of trials per data point = 5 EnTK setup overhead EnTK teardown overhead EnTK task management overhead RP overhead Execution time anen-Application

3507

300-

250-

Time (seconds) and 150

100-

50