

Using API Gateway to Trigger AWS Batch

1. Autosys server runs normal on-premise jobs as part of its
2. Once on-premise processing is complete, Autosys tells API server to invoke API
3. API server makes REST API request to AWS API Gateway interface (job name + client)
4. API Gateway inserts request into DynamoDb using proxy service option
5. DynamoDb trigger the Step Function state machine
6. Step Functions worker retrieves Job Definition and Queue for the desired process
7. Step Functions submits Batch job and
8. Step Functions tracks progress and status of jobs in AWS Batch
9. Job failures in AWS Batch (if any) are sent via SNS
10. Job result (success/failure) is updated back into transactions database

