**Batch Function:**

1. Pre requests

* Create NAT Gateway in us-east-2(ohio)
* Deploy the latest OCR changes in Instance [i-0eecfb889355ab62d](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#InstanceDetails:instanceId=i-0eecfb889355ab62d)
* Mount the EFS file storage to the Sonar Instance - [i-089ec1728f3a0e7ea](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#InstanceDetails:instanceId=i-089ec1728f3a0e7ea)

1. Choose the Batch\_job lambda function in us-east-2(ohio)
2. Update the Lambda code with latest IP address of the OCR-Batch Instance
3. Update the Lambda code with request Json value from the OCR response
4. Deploy the lambda function
5. Test the function with test event and check the output

**Steps for creating Batch Job using S3 Batch Operations**

1. Create a Batch in S3
2. Choose > S3 > Batch operations > region(us-east-2)
3. Clone the Existing Job or create New One
4. Choose region > us-east-2
5. Choose the manifest file location > s3://sqt-master/inventory-1700.csv
6. Choose operation > invoke lambda function
7. Choose permission > IAM role > Batch-operations role
8. Create the Job
9. Select the JOB and RUN the job
10. After completion using WinSCP copy the output file from the instance

Sonar Instance:

IP: **3.130.8.163**

Port: **9000**

User Name: **admin**

Password: **!SQT@123**

1. Login the Sonar instance using putty using IP and Key-pair
2. Switch to root user “ sudo su”
3. Cd /opt/sonarqube-8.4.2.36762/bin/linux-x86-64
4. ./sonar.sh start – to start sonar server
5. ./sonar.sh status – to check the status
6. http:// **3.130.8.163:9000 – To see the sonar webpage**

Mount the EFS file system to sonar instance for Batch function

1. Login the Sonar instance using putty using IP and Key-pair and user name – ec2-user
2. Switch to root user “ sudo su”
3. Use the below command to mount the EFS
4. sudo mount -t nfs4 fs-a75229df.efs.us-east-2.amazonaws.com:/ mountpoint

Steps to create NAT gateway and update the Route table

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1. Choose VPC > NAT gateway > create NAT gateway
2. Create a NAT Gateway > type name > choose subnet in **us-east-2b() or 2c()** (public subnet)
3. Choose the elastic IP
4. Create NAT gateway
5. Choose > VPC > Route table > PRIVATE SUBNET
6. Edit the inbound rule and add NAT GATEWAY as destination



