We need to use aws cli for qurying the ask given

Here the real task can be run on EMR master nodes , need to pull the master nodes to sperate list and iterate them

aws ec2 describe-instances --query "Reservations[\*].Instances[\*].{PrivateIP:PrivateIpAddress,Name:Tags[?Key=='Name']|[0].Value,Type:InstanceType,InstanceID:InstanceId,Status:State.Name,VpcId:VpcId,LaunchTime:LaunchTime}" --filters Name=instance-state-name,Values=running Name=instance-type,Values=m5.8xlarge,c5.4xlarge --profile=011821064023\_mnd-l3-support-role --output table >> mastenodes.xls

aws ec2 describe-iam-instance-profile-associations

aws ec2 describe-instances --instance-id i-094eaea5d9bb8c9e7 --query 'Reservations[0].Instances[0].IamInstanceProfile.Id' --profile=011821064023\_mnd-l3-support-role --output table

aws sts get-caller-identity --profile=011821064023\_mnd-l3-support-role

aws iam list-roles --profile=011821064023\_mnd-l3-support-role

aws iam get-role --role-name usw02-dev-pwr-emr-analytic-batch-blue-role --profile=011821064023\_mnd-l3-support-role

aws iam list-policies --max-items 2

aws iam list-policies --profile=011821064023\_mnd-l3-support-role | findstr Arn

Iterate through instances to get the IAM policies

To get policy list

aws iam list-roles --profile=011821064023\_mnd-l3-support-role | findstr RoleName >> roles\_list.txt

aws sts get-caller-identity | grep Arn >> role.json– gives the assumed IAM role of the instance

--profile=011821064023\_mnd-l3-support-role

**simulate-principal-policy**

aws iam simulate-principal-policy \

--policy-source-arn arn:aws:iam::123456789012:user/alejandro \

--action-names codecommit:ListRepositories