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CloudDrove Inc.



We design, deploy & manage your cloud

Project Costs, Preliminary Estimate		
Prepared By: Anmol Nagpal		Estimation Date : 19.09.2022
Activity Description	Estimated Hours	Estimate Comments
REVIEW REPOSITORY,AWS Infra Review		
- Get access to current documentation and Code	15	
- Internal Meetings		
SETUP STAGE ENVIRONMENT		
- Prepare DevOps Repository	1	Prepare the overall design and how to deployment will look like
- Prepare Terraform for Kubernetes	25	Prepare & deploy kubernetes and related depandancy ie VPC/Subnet/netowrking etc for Stage Environment
- Enable apps logs to cloudwatch	8	Enable application (k8s) logs to cloudwatch
- Prepare Helm package for 13 Repo approx 5 hours	65	Currently we are using all docker images which are running in few ec2 and setup manully, now we are moving all of them to k8s
- Prepare CI/CD pipelines for apps deployment	60	Setup pipelines for application deployment (k8s)
- Setup SQS (20)	40	Prepare, Deploy & Setup 20 SQS
- Setup Lambda function (29)	116	There are around 29 labda where we have to setup + upgrade serverless to latest version with CI/CD
- setup another ingress to public few apps	8	Some DNS will be public & some will be private so need to setup 2 Ingress in K8s
- Migrate S3 data to New Account	40	Need to migrate 9+ TB of data
- Setup MongoDB cluster	12	Need to setup Mongo Cluster using 3 nodes with backups
- Setup Cognito	8	Deploy cognito and setup permissions
- Sonarqube Integration	24	Deploy sonarqube for application code scanning and terraform code scanning
- Prepare deployment using jenkins	40	Prepare jenkins pipelines for infrastructure deployment
- Add Users and send login to users	2	Add users in AWS accounts/SSO Permission sets/VPN and share credentials with users
- Demo, how to deploy and how to run	4	Demo for deploy applications/infra
- Testing with Client	4	Testing applications/infra before go live
- resting with Chefit	-	resting applications, mind before go live
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