

Introduction

Thank you for choosing to partner with us at VE. We are excited to help you at Fishtank you're your migration process to the cloud. We will take you through how we plan to migrate your application PETRA to AWS.

Migration plan

Here is our outline of a migration plan:

- Working with Fishtank's IT team, we can prepare the data for migration, while focusing on critical servers such as S012 and S013 – the database servers.
- Prepare EC2 instances for each server based on the attributes highlighted in the PETRA asset list.
- Create a VPC and both public and private subnets that somewhat matches the structure of the on-premises network.
- Utilise the AWS Database Migration Service (AWS DMS) to replicate data from the existing database servers to the target database in the AWS Cloud.
- Create security groups that allow access to the EC2 instances based on the security permissions according to the firewall rules.
- Establish NACLs that control traffic within the subnets, again maintain security by adhering to firewall rules.
- Undergo thorough testing post-migration of the entire system, to make sure it functions as it should, performs well and is cost-effective, making adjustments as needed.
- Provide any training that is needed from Fishtank staff, making sure they are well versed in maintaining AWS environment.

We believe that this plan will be paramount for Fishtank in the migration process of the PETRA application to the AWS Cloud.

Here is a schematic diagram post migration:

