# Title: DevOps: Setting up new POD

1. Create a new vpc : <https://console.aws.amazon.com/vpc/home>. Select the required region before creating the VPC.
   1. Choose a CIDR range from the following doc: "<https://docs.google.com/spreadsheets/d/1NfifIyU_hp5nNJXgNSjk5v3xXqx76mSkjisddjt7mCY/edit#gid=461878704>"
   2. Make sure the selected CIDR range doesnot overlap with another product/
2. Create subnets similar to those is following doc, in the new CIDR range "<https://docs.google.com/spreadsheets/d/1Rfp7bpC-FffNmEeRU0oYBw_X1hcuwWOW-Gb4WVZ5cnk/edit#gid=954413497>"
3. Create security groups from "<https://docs.google.com/spreadsheets/d/1Rfp7bpC-FffNmEeRU0oYBw_X1hcuwWOW-Gb4WVZ5cnk/edit#gid=1928355794>"
4. Create internet gateway on the new vpc.
5. Create two route tables and attach the internet gateway to them. So these route tables will be public route tables.
   1. Attach the public subnets created in step 2 to these subnets
6. Create two NAT gateways. Make sure that the NAT gateways are in different subnets.
7. Create two route tables and attach the one NAT gateway in each of the route tables.
   1. Attach the private subnets created in step 2 to these subnets.
8. Create the required AWS services: Redshift, RDS, S3, Firrehose, Private DNS in Route53, SQS, SNS, Cloudfront, ELB.
   1. Copy the config done on a recent POD or refer to the respective docs.
9. Create configs in the internal platforms: IRIS, Kairos, Formserv etc
10. Clone the required stacks in opsworks and update the stack settings accordingly.
11. Boot the required instances and bootstrap the services.