

Please use Terraform for solving these requirements:

1. Create 3 separate modules:
  - a. A module that creates a VPC and 2 subnets (One public and the second one is private)
  - b. A module that creates 2 security groups suitable for MySQL server and a WebServer
  - c. A module that creates instances
  - d. A Terraform that create a complete environment with the following configuration:
    - i. VPC
    - ii. 2 Subnets: a Private and the second one is public
    - iii. Create and run an instance with NGINX installed on the public subnet
    - iv. Create another Linux instance
    - v. Create and run an instance with MySQL installed on the private subnet
  - e. **Bonus:** Using Ansible, install WordPress on the Linux instance and make sure that it uses the MySQL Database on the MySQL server.