SEPARATION OF CONCERNS – WEB APP – DATA LOOKUP

https://www.terraform.io/docs/providers/aws/index.html#

```
data "aws_vpc" "vpc" {
  tags {
    Name        = "${var.environment}-vpc"
    Environment = "${var.environment}"
  }
}


2 references
data "aws_subnet_ids" "subnets" {
  vpc_id = "${data.aws_vpc.vpc.id}"
}
```

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```
module "web_app_load_balancer" {
    source      = "../../../modules/loadbalancer"
    environment = "${var.environment}"
    vpc_id      = "${data.aws_vpc.vpc.id}"
    subnets     = "${data.aws_subnet_ids.subnets.ids}"
}
```

```
module "web_app_servers" {
  source = "../../../modules/web_server"

  environment                   = "${var.environment}"
  instance_count                = 4
  vpc_id                        = "${data.aws_vpc.vpc.id}"
  subnets                       = "${data.aws_subnet_ids.subnets.ids}"
  key_name                      = "aws-meetup"
  whitelisted_ips               = "${var.whitelisted_ips}"
  loadbalancer_target_group_arn = "${module.web_app_load_balancer.target_group_arn}"
  loadbalancer_security_group_id = "${module.web_app_load_balancer.security_group_id}"
}
```