

# How to add remote .tfstate

## Gitlab

create a gitlab token with api endpoint

## Terraform

add a backend to your 00\_providers.tf

```
terraform {  
  required_providers {  
    openstack = {  
      source = "terraform-provider-openstack/openstack"  
      version = "1.44.0"  
    }  
  }  
  backend "http" {  
    address = "https://gitlab.com/api/v4/projects/<projectID>/terraform/state/state"  
    lock_address = "https://gitlab.com/api/v4/projects/<projectID>/terraform/state/state/lock"  
    unlock_address = "https://gitlab.com/api/v4/projects/<projectID>/terraform/state/state/lock"  
    lock_method = "POST"  
    unlock_method = "DELETE"  
    retry_wait_min = 5  
  }  
}
```

update your \*-openrc.sh by adding the following at the end

```
export TF_HTTP_USERNAME=<gitlab username>  
export TF_HTTP_PASSWORD=<gitlab token>
```

source the `*-openrc.sh` file

run init the state

```
terraform init
```

go check your gitlab and see if there is a .tfstatew

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