



What are we going to see in this session?

- Use variables to hide secrets
- Configure AWS CLI to store credentials
- Credentials From command line





Use variables to hide secrets

To avoid getting your credentials exposed, we are going to bring in new file.
Now the file structure would be.

- provider.tf
- main.tf
- vars.tf
- terraform.tfvars

- ✓ You can keep credentials in separate file which has extension .tfvars
- ✓ Then you can avoid uploading it in git repository.
- ✓ When you define a file with name [terraform.tfvars] it will get auto loaded while you run terraform apply.

Code : [git-repo](#) [file path : [Terraform/Codes/E5_with_tfvars/](#)



Configure AWS CLI to store credentials

Here we are going to configure AWS CLI to store credentials as an environment variable.

Download AWS cli from this link to your local machine :

- `curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o "awscliv2.zip"`
- `unzip awscliv2.zip`
- Install unzip if in case not there `"yum install unzip* -y]`
- `./aws/install`
- `aws configure`
- Enter your AWS credentials asked for in command line.
- Then you can see credentials are stored as environment variable under file `~/.aws/credentials`
- Just do `cat ~/.aws/credentials` to view the file.

Code : [git-repo](#) [file path : [Terraform/Codes/E6_aws_cli](#)



From command line

If you still feel saving your credentials in this format is not safe for your environment, you can just pass it from command line.

How to do that ?

Just declare the variables in [vars.tf] file and do not define it anywhere.

[either in .tfvars file or in aws cli]

When terraform does not find the declared variable it is just going to prompt for variable input at run time when you do terraform apply.



End of this topic !

Any questions?

TERRAFORM