

Terraform

Terraform

Infrastructure as Code

- Provisioning infrastructure through software to achieve consistent and predictable environments.

Core Concepts

- Defined in code
- Stored in source control
- Declarative vs Imperative
- Idempotent and Consistent
- Push or Pull

Infrastructure as Code benefits

- Automated deployment
- Consistent environments
- Repeatable process
- Reusable components
- Documented architecture

Install Terraform

- Windows:

- <https://www.decodingdevops.com/how-to-install-terraform-on-windows-10-or-8-or-7/>

- Linux:

- <https://www.decodingdevops.com/how-to-install-terraform-on-linux-servers/>

- Mac:

- [https://www.bonusbits.com/wiki/HowTo:Install Terraform on macOS](https://www.bonusbits.com/wiki/HowTo:Install_Terraform_on_macOS)