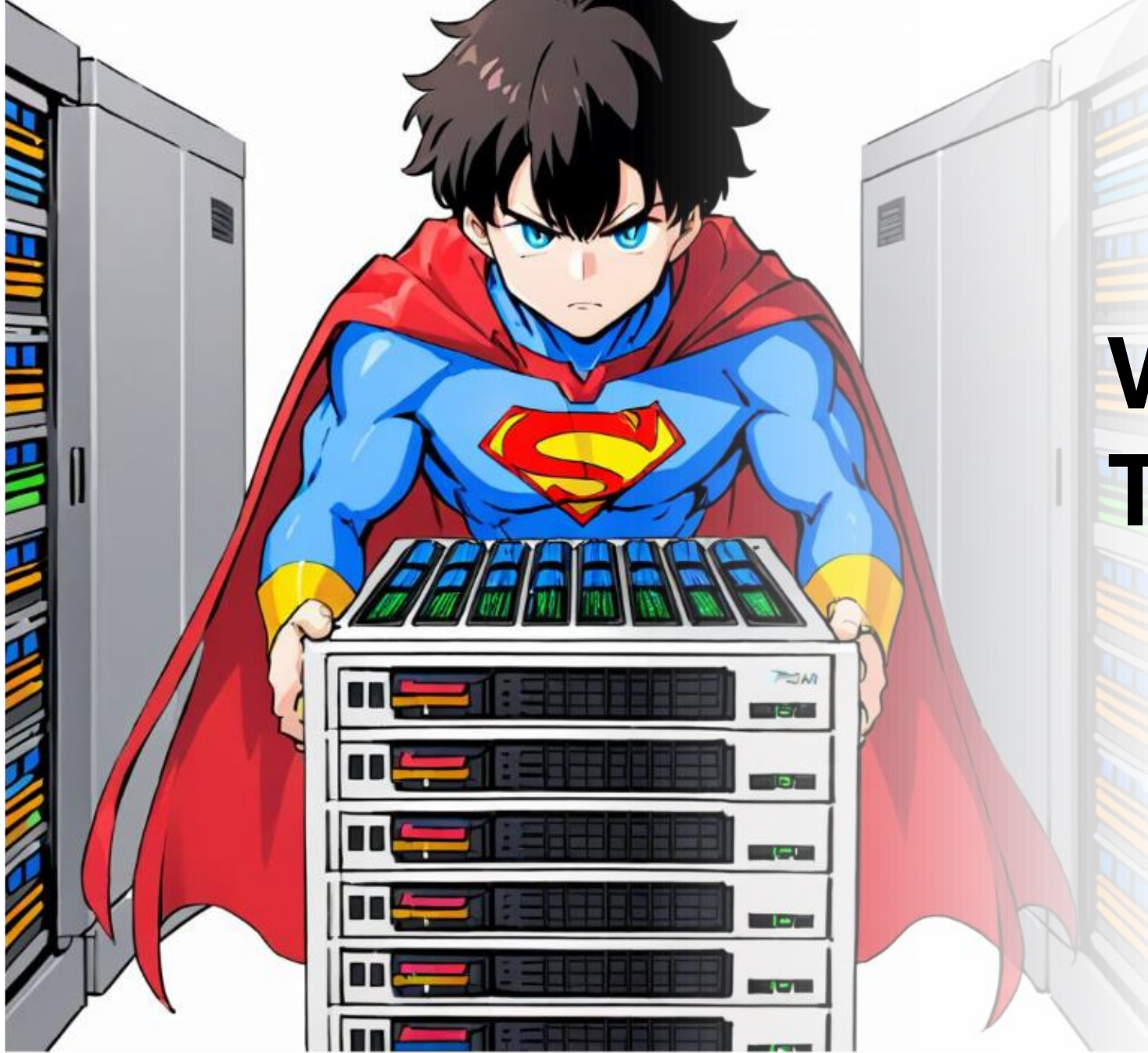


From Clicks to Code: Leverage Terraform to Provision Your Database Infrastructure

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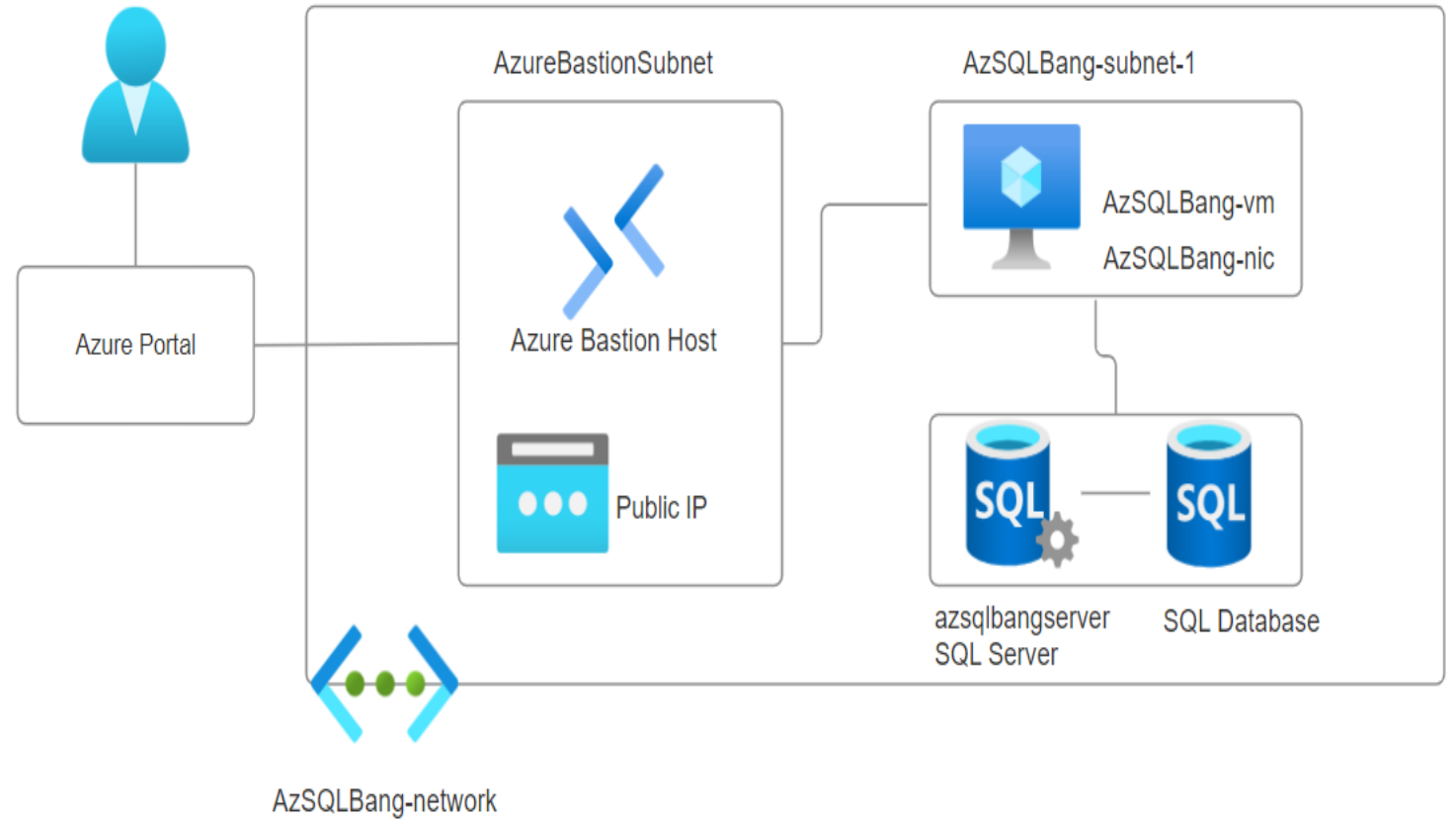
Agenda

- What is Terraform?
- How Terraform works?
- Terraform workflow
- Terraform blocks
- Integration of Terraform with other tools

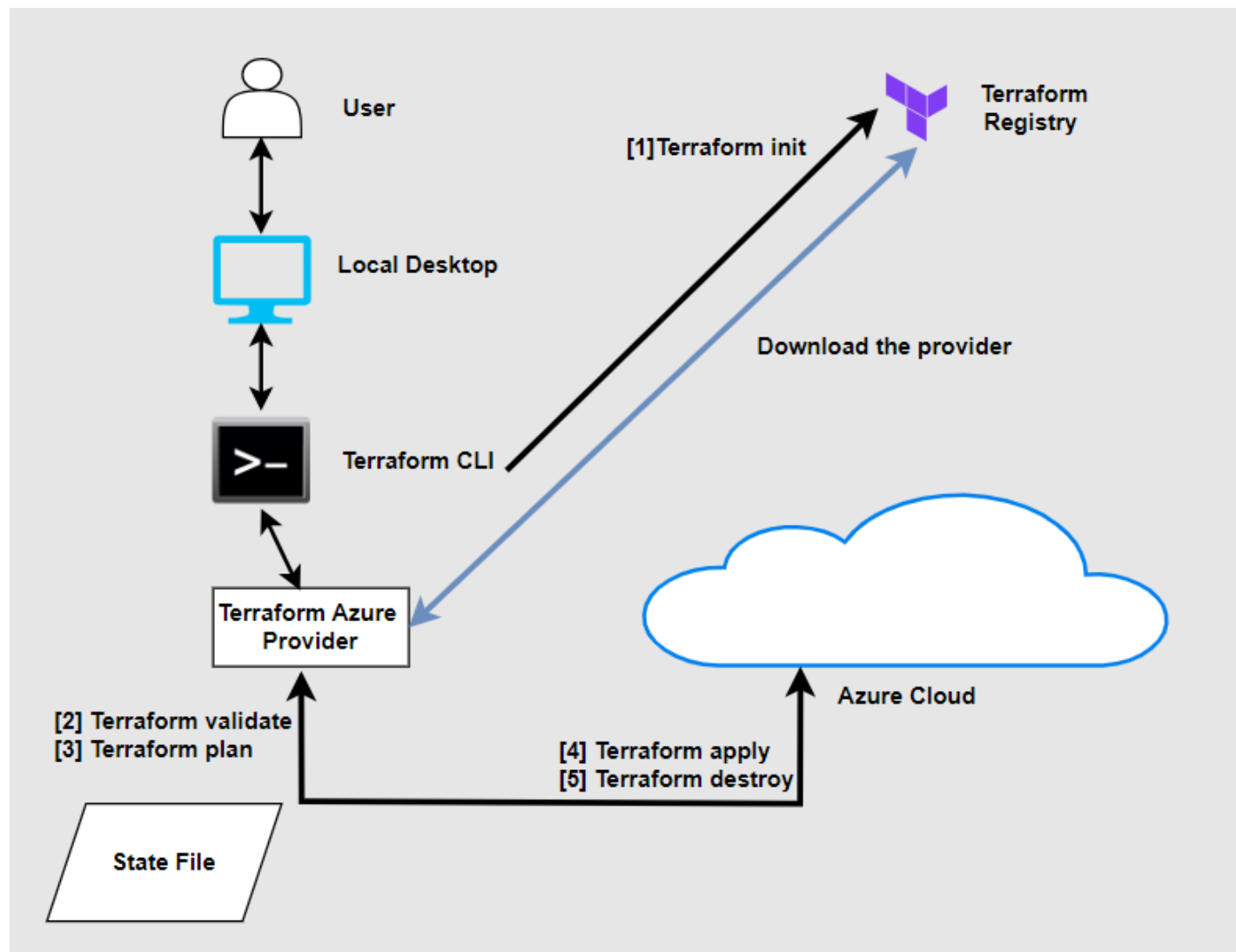


**What is
Terraform?**

Architecture Diagram



How Terraform works?





Terraform Blocks

Terraform Block

Provider Block

Resource Block

Input Variables Block

Output Values Block

Local values Block

Data Source Block

Modules Block



Demo

Reference

Terraform on Azure: <https://learn.microsoft.com/en-us/azure/developer/terraform/overview>

azurerm_virtual_machine:

https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/virtual_machine

azurerm_mssql_server: https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/mssql_server

azurerm_sql_database: https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/sql_database

Terraform code GitHub Repo: <https://github.com/tnaveen-kumar/AzureSQLBangalore-Aug2024>



Thank you



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<https://www.youtube.com/@tech-with-geeks>



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