Hands On Lab!

60 minutes

Create an App Service

- Create a new folder called **prj1_infra_app**

- Based on the same model of the previous lab:
  Create a **variable.tf**
  Create a **locals.tf**
  Create a **provider.tf**
  Create an **rg.tf** for a new resource group
  The domain will be the **“prj1”** and add a new variable for the application name and call it whatever you want but limit the characters to 3.

- Use **remote state** and **store it** inside the Storage Account containers “states” created in the previous lab in this path: **prj1/<application name>/terraform.state**

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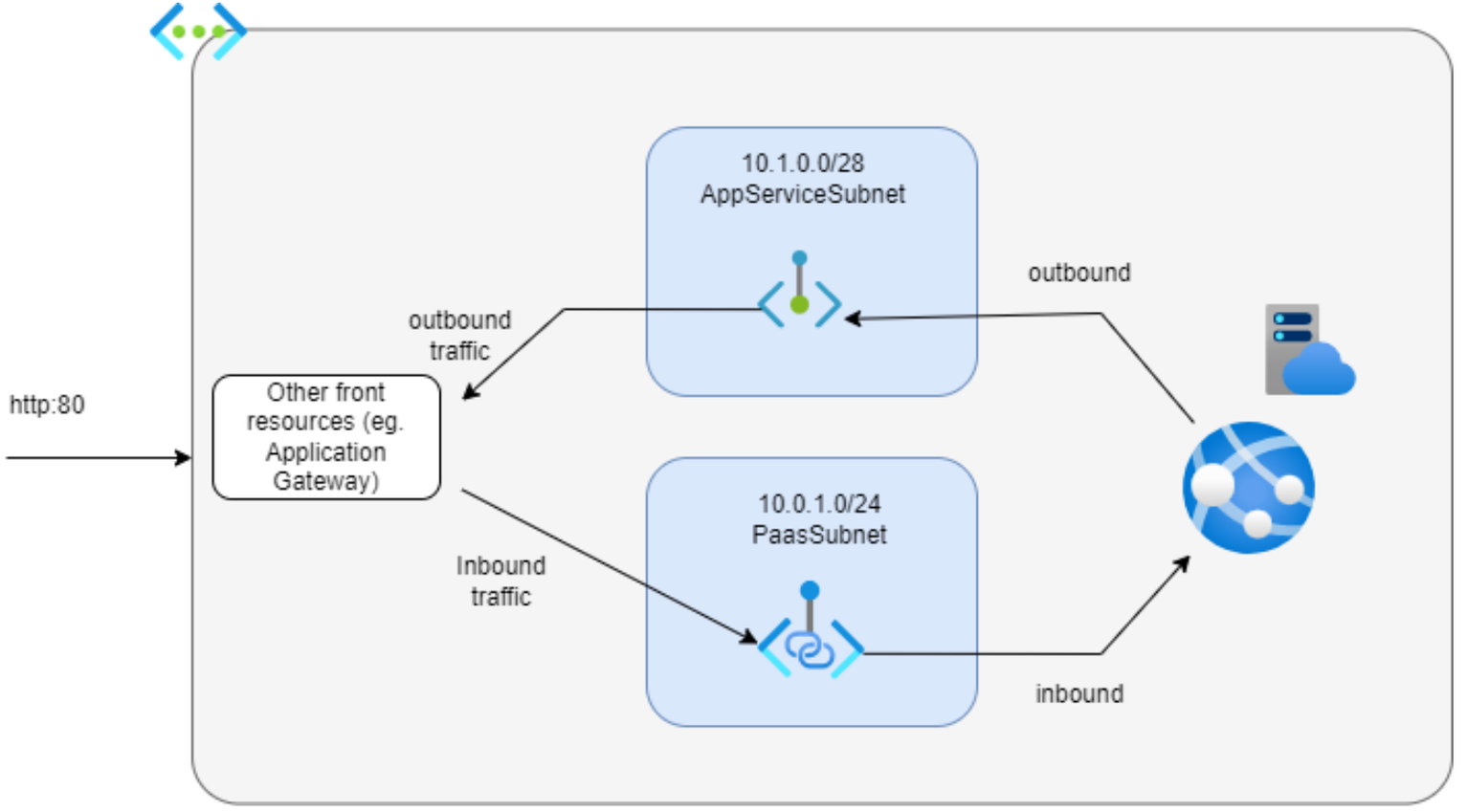
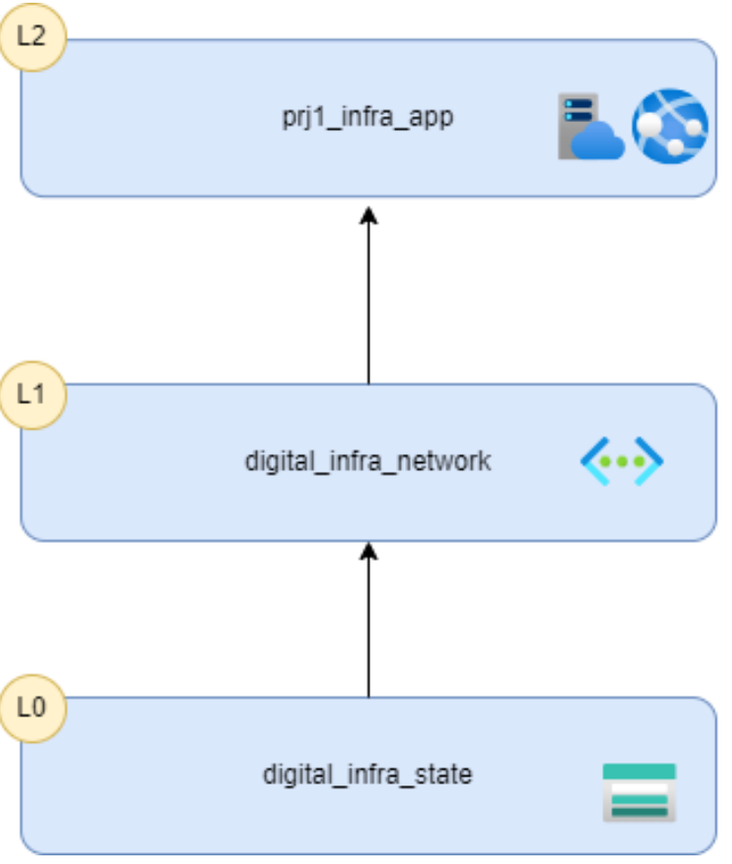
Create an App Service

- The goal of this lab is to consume the state network state and activate the VNet integration and private endpoint for the App Service.





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Create an App Service

- Create an **app.tf** and define:
  - An App Service Plan with Basic SKU
  - An App Service for Linux

- Create a **data.tf** file and use the `terraform_remote_state` resource to connect to the network state with the correct credential methodology:
- https://developer.hashicorp.com/terraform/language/settings/backends/azurerm

- In your **locals.tf** get the subnet ids for the app service and paas subnets.

- In the **app.tf** use the `azurerm_app_service_virtual_network_swift_connection` resource to connect the app service to the app service subnet:
- https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/app_service_virtual_network_swift_connection

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Create an App Service

- Create a **pe.tf** file to define the private endpoint
- https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/private_endpoint

- The subnet Id should be the Paas Subnet id

- For the private service connection, you just have to define:
  - A name
  - The private connection resource id, which is the id of your App Service
  - Sub resources name array should contains only “sites”
  - Set the manual connection boolean to false.

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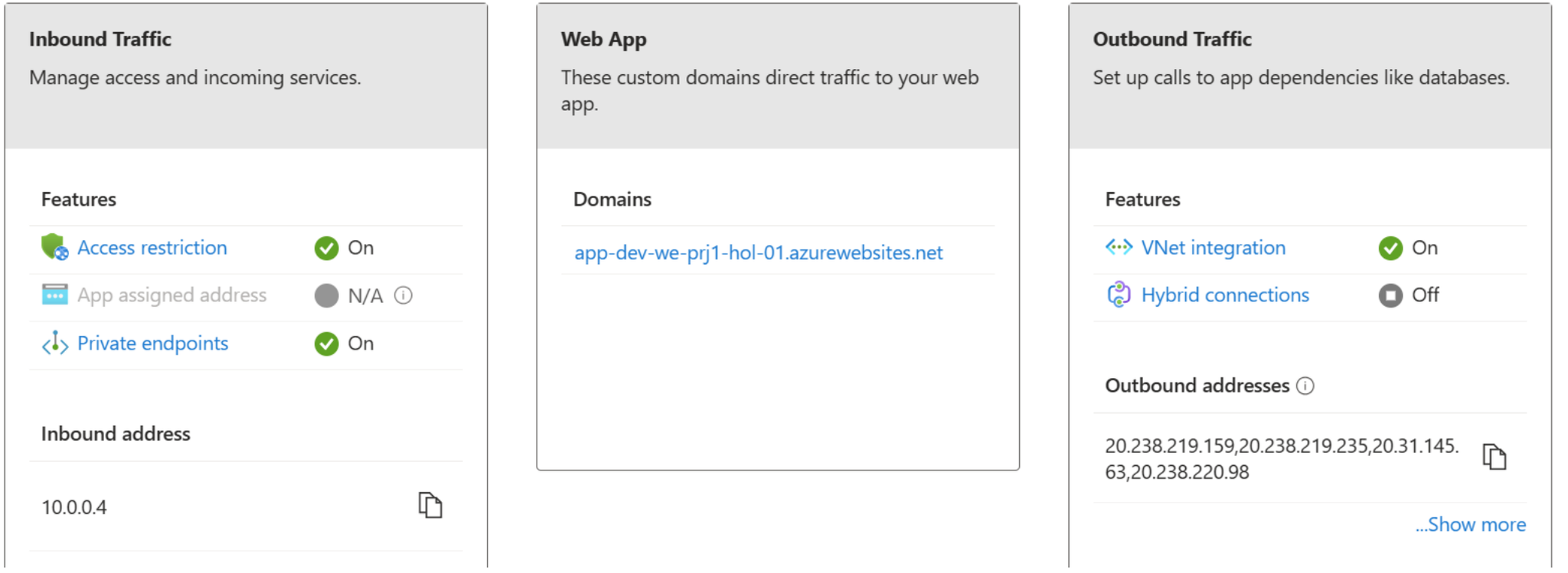
Create an App Service

If you succeed you should in the Networking section of your App Service these features On:



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