

PROJETO DE MIGRAÇÃO WCCOSTA CLOUD

CONTEXTO E MOTIVAÇÃO

Cenário Atual

- Crescente demanda por escalabilidade e alta disponibilidade
- Necessidade de modernização e redução de custos operacionais

Motivadores para a Migração:

- Melhoria de Performance
- Integração com ferramentas nativas da nuvem
- Aumento da segurança e otimização dos processos



ANÁLISE DO AMBIENTE ATUAL (AS-IS)

Serviço Web:

- Tecnologias utilizadas (dotnet, iis)
- Desafios: Latência, downtimes, performance e obsolescencia

Observações:

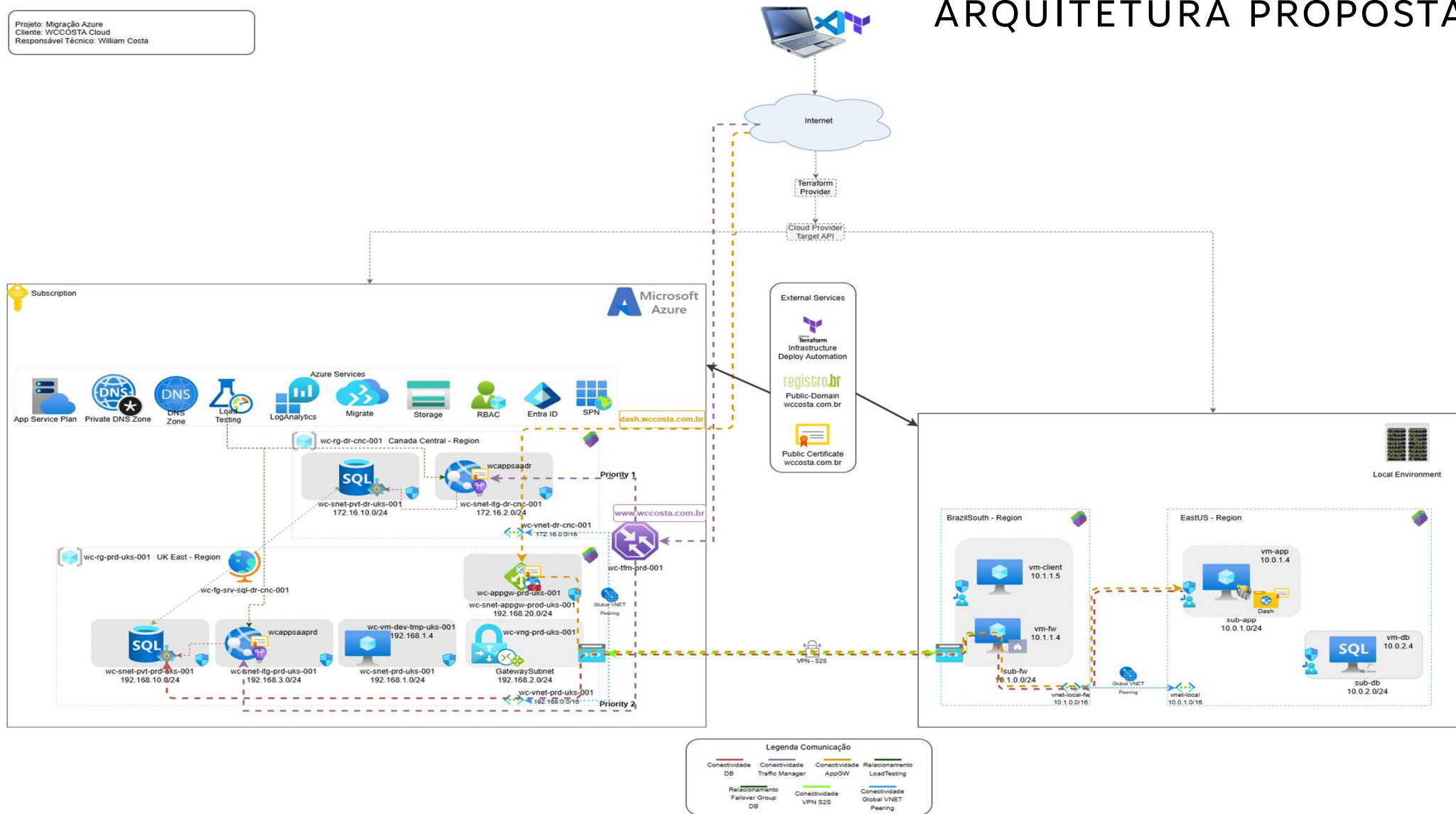
- Custos de manutenção e riscos de segurança/compliance

Banco de Dados:

- Tipo (SQL Server)
- Gargalos e limitações de escalabilidade

Projeto: Migração Azure
Cliente: WCCOSTA Cloud
Responsável Técnico: William Costa

ARQUITETURA PROPOSTA




ESTIMATIVA DE PRECIFICAÇÃO

Microsoft Azure Estimate						
SAA						
Service category	Service type	Custom name	Region	Description	Estimated monthly cost	Estimated upfront cost
Compute	Virtual Machines	VM-TEMP	UK South	1 B2s (2 Cores, 4 GB RAM) x 70 Hours (Pay as you go), Windows (License included), OS Only; 1 managed disk – E10; Inter Region transfer type, 5 GB outbound data transfer from UK South to East Asia	R\$82.72	R\$0.00
Networking	VPN Gateway		UK South	VPN Gateways, VpnGw1 tier, 120 gateway hour(s), 0 additional S2S tunnels (beyond included amount), 0 additional P2S connections (beyond included amount), 50 GB, VPN VPN gateway type	R\$130.76	R\$0.00
Compute	App Service	App Service - PRD	UK South	Standard Tier; 1 S1 (1 Core(s), 1.75 GB RAM, 50 GB Storage) x 96 Hours; Windows OS; 0 SNI SSL Connections; 0 IP SSL Connections; 0 Custom Domains; 0 Standard SLL Certificates; 0 Wildcard SSL Certificates	R\$68.82	R\$0.00
Compute	App Service	App Service - DR	Canada Central	Standard Tier; 1 S1 (1 Core(s), 1.75 GB RAM, 50 GB Storage) x 96 Hours; Windows OS; 0 SNI SSL Connections; 0 IP SSL Connections; 0 Custom Domains; 0 Standard SLL Certificates; 0 Wildcard SSL Certificates	R\$60.56	R\$0.00
Databases	Azure SQL Database	Azure SQL Database - PRD	UK South	Single Database, DTU Purchase Model, Standard Tier, 50: 10 DTUs, 250 GB included storage per DB, 1 Database(s) x 96 Hours, 250 GB Storage, LRS Backup Storage Redundancy, 0 x 5 GB Long Term Retention	R\$13.88	R\$0.00
Networking	Traffic Manager	Traffic Manager - PRD	UK South	1 million DNS queries/mo, 2 Azure endpoint(s), 2 Fast Azure endpoint(s), 0 External endpoint(s), 0 Fast External endpoint(s), 1 million(s) of user measurements, 1 million(s) of data points processed.	R\$30.17	R\$0.00
Networking	Virtual Network	Virtual Network Global VNET Peering		UK South (Virtual Network 1): 20 GB Outbound Data Transfer; Canada Central (Virtual Network 2): 20 GB Outbound Data Transfer	R\$16.06	R\$0.00
Networking	Azure DNS	Azure DNS - Private		Zone 1, DNS, Private; 1 hosted DNS zone, 1 DNS query	R\$5.16	R\$0.00
Networking	Azure DNS	Azure DNS - Public		Zone 1, DNS, Public; 1 hosted DNS zone, 1 DNS query	R\$5.16	R\$0.00
Networking	Application Gateway	Application Gateway - PRD	UK South	Web Application Firewall V2 tier, 92 Fixed gateway Hours, 1 compute units and 1,000 persistent connections with 1 mb/s throughput, 5 GB Data transfer	R\$245.03	R\$0.00
Databases	Azure SQL Database	Azure SQL Database - DR	Canada Central	Single Database, DTU Purchase Model, Standard Tier, 50: 10 DTUs, 250 GB included storage per DB, 1 Database(s) x 96 Hours, 250 GB Storage, LRS Backup Storage Redundancy, 0 x 5 GB Long Term Retention	R\$11.10	R\$0.00
Support			Support		R\$0.00	R\$0.00
			Licensing Program	Microsoft Customer Agreement (MCA)		
			Billing Account			
			Billing Profile			
			Total		R\$669.43	R\$0.00
Disclaimer						
All prices shown are in Brazil – Real (R\$) BRL. This is a summary estimate, not a quote. For up to date pricing information please visit https://azure.microsoft.com/pricing/calculator/						
This estimate was created at 4/13/2025 7:15:25 PM UTC.						

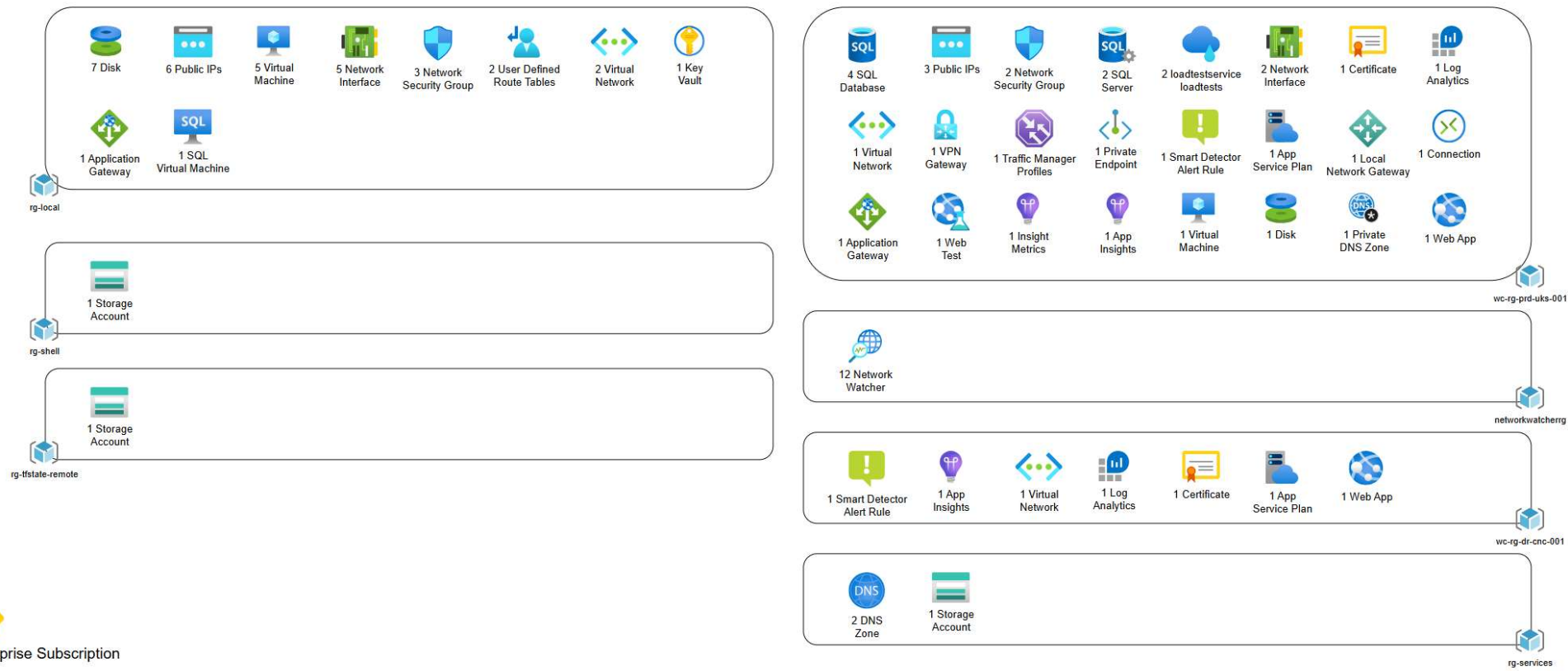
VALIDAÇÃO CPSDM

<div> SEMANA ARQUITETO AZURE_</div> <div>CPSDM</div> <div> TFTEC CLOUD</div>			
RECURSO	NOTA	AVALIAÇÃO	SERÁ USADO
App Service Plan	17,5	Elemento mais moderno e seguro com bom custo beneficio	SIM
SQL Database	15,5	Elemento mais moderno e seguro com bom custo beneficio	SIM
Traffic Manager	15,5	Única opção de LB Global no momento	SIM
VPN Site-Site	15	Único meio de conectividade para ambiente híbrido	SIM
Virtual Machine	-	-	SIM
Application Gateway	14	Elemento mais moderno e seguro com bom custo beneficio	SIM
Public DNS Zone	15	Elemento mais moderno e seguro com bom custo beneficio	SIM

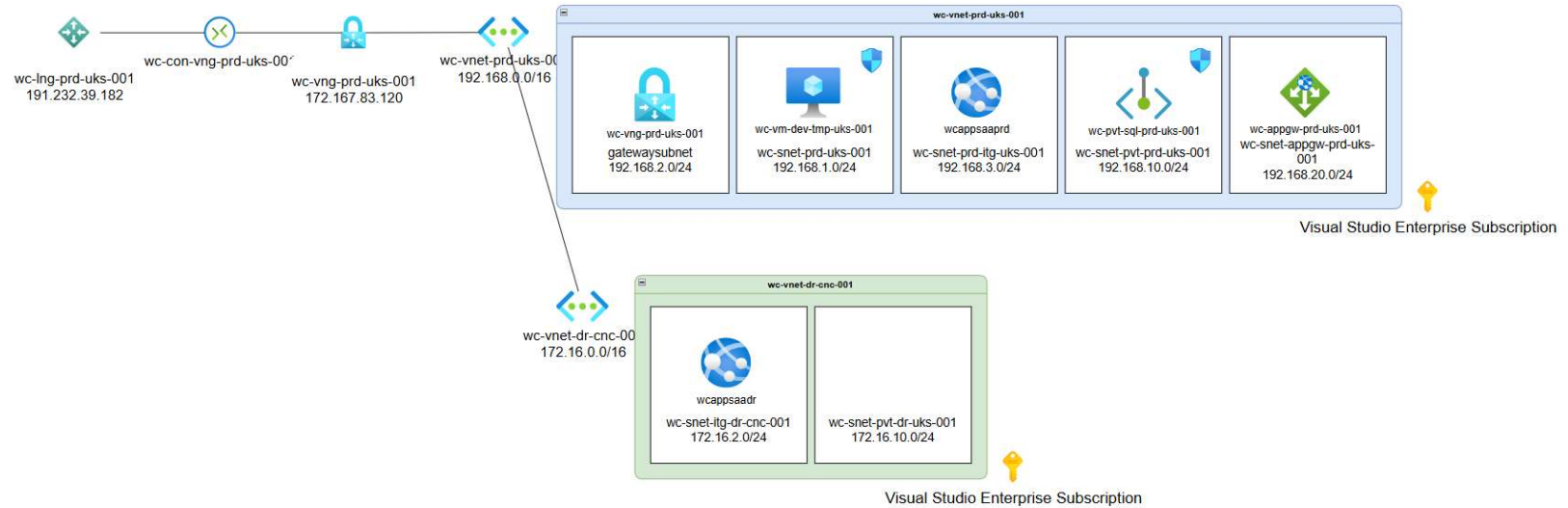
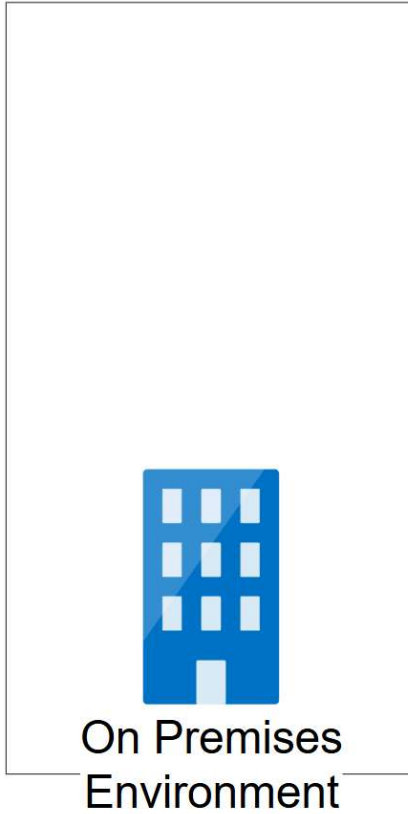
PADRÕES DE TAXONOMIA

<div> SEMANA ARQUITETO AZURE</div>		Padrões de Taxonomia WCCOSTA
RECURSO	TAXONOMIA EXEMPLO	DESCRIÇÃO
EMPRESA	WC	WC - 2 caracteres da empresa
REGIONS	UKS CNC	UKS - até 5 caracteres da região CNC - até 5 caracteres da região
AMBIENTES	DEV UAT PROD	DEV - até 3 caracteres da região UAT - até 3 caracteres da região PROD - até 3 caracteres da região
RESOURCE GROUP PRD	WC-RG-PRD-UKS-001	WC - 2 caracteres da empresa RG - 2 caracteres do recurso PRD - 3 caracteres do ambiente UKS - até 5 caracteres da região 001 - Quantidade de instancias
VIRTUAL MACHINE (VM)	WC-VM-PRD-TMP-UKS-001	WC - 2 caracteres da empresa VM - 2 caracteres do recurso PRD - 3 caracteres do ambiente TMP - 3 caracteres do workload UKS - até 5 caracteres da região 001 - Quantidade de instancias
VIRTUAL MACHINE (VM)	WC-VM-DEV-TMP-UKS-001	WC - 2 caracteres da empresa VM - 2 caracteres do recurso DEV - 3 caracteres do ambiente TMP - 3 caracteres do workload UKS - até 5 caracteres da região 001 - Quantidade de instancias
VIRTUAL NETWORK (VNET)	WC-VNET-PRD-UKS-001	WC - 2 caracteres da empresa VNET - 4 caracteres do recurso PRD - 3 caracteres do ambiente UKS - até 5 caracteres da região 001 - Quantidade de instancias
SUBNET	WC-SNET-PRD-UKS-001	WC - 2 caracteres da empresa SNET - 4 caracteres do recurso PRD - 3 caracteres do ambiente UKS - até 5 caracteres da região 001 - Quantidade de instancias
NETWORK SECURITY GROUP (NSG)	WC-NSG-PRD-UKS-001	WC - 2 caracteres da empresa NSG - 3 caracteres do recurso PRD - 3 caracteres do ambiente UKS - até 5 caracteres da região 001 - Quantidade de instancias
VIRTUAL NETWORK GATEWAY	WC-VNG-PRD-UKS-001	WC - 2 caracteres da empresa VNG - 3 caracteres do recurso PRD - 3 caracteres do ambiente UKS - até 5 caracteres da região 001 - Quantidade de instancias
TRAFFIC MANAGER	WC-TFM-PRD-001	WC - 2 caracteres da empresa TFM - 3 caracteres do recurso PRD - 3 caracteres do ambiente 001 - Quantidade de instancias

RECURSOS INVENTARIADOS



TOPOLOGIA INVENTARIADA



Powered by:
Azure Resource Inventory v3.0
<https://github.com/microsoft/ARI>

REPOSITÓRIO COM INFORMAÇÕES DO PROJETO

The screenshot shows a GitHub repository named 'saa-2025' by user 'williamrcosta'. The repository is public and has 19 commits. The main branch is 'main'. The repository contains several folders (EP01, EP02, EP03, EP04, EP05, images) and files (.gitignore, README.md). The README file is selected and displays the title 'Semana Arquiteto Azure 2025 (SAA-2025)' and a list of six lessons (Aulas). The right sidebar shows the repository's activity, including 1 star, 1 watching, and 0 forks. The languages section indicates that PowerShell is 100.0% of the code.

https://github.com/williamrcosta/saa-2025

saa-2025 Public

main 4 Branches 0 Tags

Go to file Add file Code

williamrcosta Merge pull request #7 from williamrcosta/uat fc152c4 · 4 days ago 19 Commits

EP01	Include informations about SAA 2025 on Folders	3 weeks ago
EP02	Include folders on gitignore file + IISConfigure	4 days ago
EP03	Include informations about SAA 2025 on Folders	3 weeks ago
EP04	Include informations about SAA 2025 on Folders	3 weeks ago
EP05	Include informations about SAA 2025 on Folders	3 weeks ago
images	Include folders on gitignore file + IISConfigure	4 days ago
.gitignore	Removendo Configs_SAA.rdg do controle de versão	4 days ago
README.md	Include folders on gitignore file + IISConfigure	4 days ago

README

Semana Arquiteto Azure 2025 (SAA-2025)

Aulas

1. **Aula 01** - Bem-vindo
2. **Aula 02** - Objetivos da SAA
3. **Aula 03** - Cronograma da SAA
4. **Aula 04** - Canais de Suporte e Comunicação
5. **Aula 05** - Metodologia CPSDM
6. **Aula 06** - Como gerar seu Ingresso para a Semana Arquiteto Azure - SAA

[Link para o curso](#)

About

Semana Arquiteto Azure 2025

- Readme
- Activity
- 1 star
- 1 watching
- 0 forks

Releases

No releases published
[Create a new release](#)

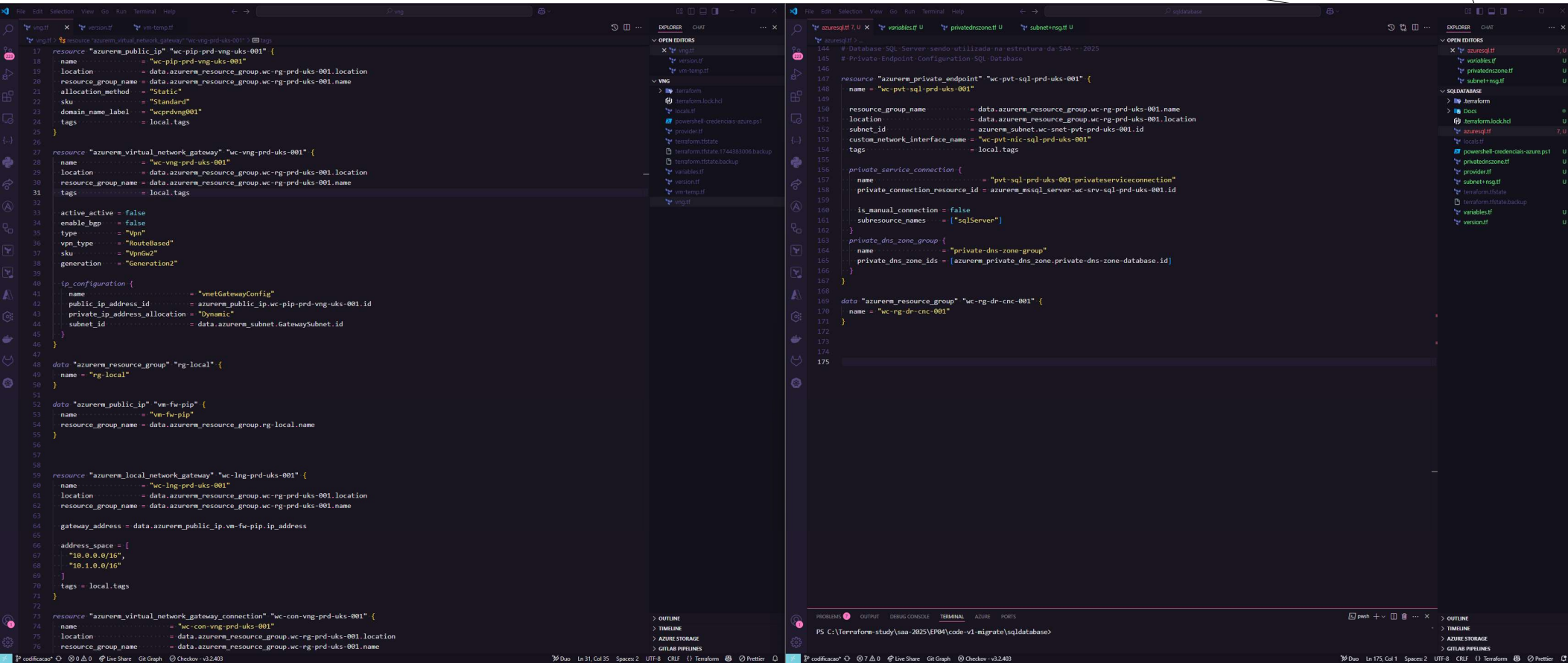
Packages

No packages published
[Publish your first package](#)

Languages

PowerShell 100.0%

CODIFICAÇÃO COM TERRAFORM





THANK YOU

William Costa