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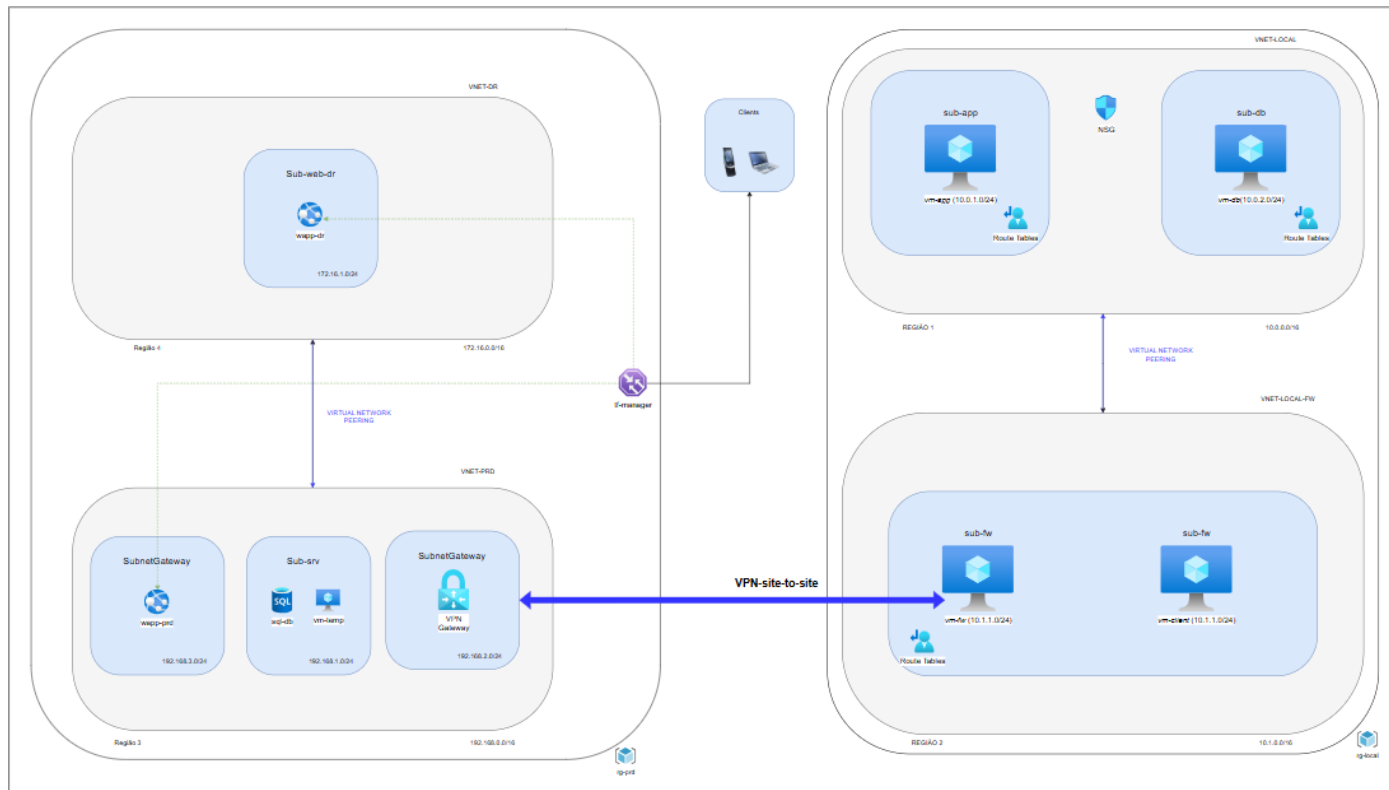
# SAA-TFTEC



## Objetivos

- Apresentar a arquitetura atual da infraestrutura em Azure, destacando os principais recursos implementados.
- Demonstrar a topologia e os fluxos de comunicação utilizando diagrama no Draw.io.
- Exibir a estimativa de precificação dos serviços ativos na subscription.
- Fornecer um inventário detalhado dos recursos provisionados na plataforma.

## Arquitetura Proposta



## Precificação do Projeto

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	1B2s (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 SERVICES - PRD	UK South	Standard Tier; 1S1(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	R\$68,82	R\$0,00
Compute	App Service	APP SERVICES - DR	Canada Central	Standard Tier; 1S1(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	R\$60,56	R\$0,00
Databases	Azure SQL Database		UK South	Single Database, DTU Purchase Model, Standard Tier, S0: 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	R\$13,88	R\$0,00
Networking	Traffic Manager		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			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	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

## Precificação do Projeto

DevOps	Azure Monitor		UK South	Log analytics: Log Data Ingestion: 1GB Daily Basic logs, 0.2 GB Daily Analytics logs ingested, 1 months of Interactive Retention, 0 months of Retention, 0 GB data restored for 0 days, 0 queries per day with 0 GB data scanned per query, 0 GB of Log Data Exported per day, Platform Log Data Processed per day: 0 GB with Destination to Storage or Event Hub and 0 GB with Destination to Marketplace Partners, 0 Search job Queries per day with 0 GB data scanned per query; 0 SCOM MI Endpoints; Managed Prometheus: Using default collection estimation method (with a cluster of {0} linux nodes, {1} Windows nodes, {2} containers, and {3} pods), 0 Average daily Dashboards users, 7 Dashboards, 50000 Data samples queried per dashboard, 25 promql alerting rules, 25 promql recording rules; Application Insights: 0.2 GB Daily Analytics logs ingested, 3 months Data retention, 2 Standard Web Tests, 5 Minutes Execution frequency, Executing for 730 hours; 5 resources monitored X 1 metric time-series monitored per resource, 5 Minutes Log Signal frequency with 0 log signals monitored and 1 time series per signal, 0 Additional events (in thousands), 0 Additional emails (in 100 thousands), 0 Additional push notifications (in 100 thousands), 0 Additional webhooks (in millions)	R\$206,24	R\$0,00
Support			Support		R\$0,00	R\$0,00
			Licensing Program	Microsoft Customer Agreement (MCA)		
			Billing Account			
			Billing Profile			
			Total		R\$619,53	R\$0,00

# Padrões de Taxometria



**SEMANA  
ARQUITETO  
AZURE**

## Padrões de Taxonomia TFTEC Cloud

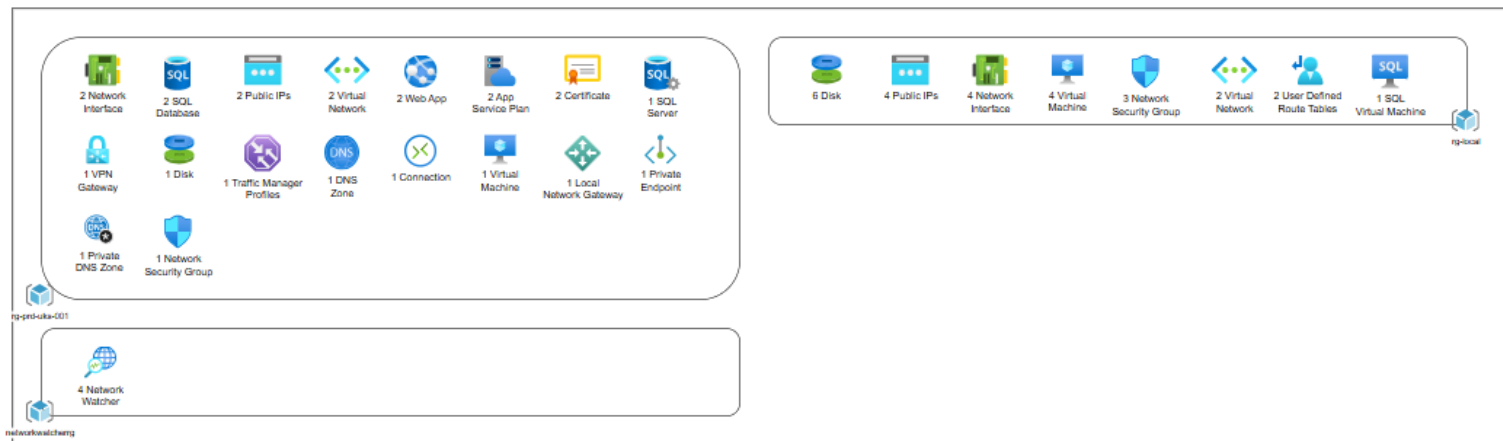
RECURSO	TAXONOMIA EXEMPLO	DESCRIÇÃO
RESOURCE GROUP	RG-PRD-UKS-001	RG – 2 caracteres do recurso PRD – 3 caracteres do ambiente UKS – até 5 caracteres da região 001 – Quantidade de instâncias
RESOURCE GROUP	RG-LOCAL	RG – 2 caracteres do recurso LOCAL – Região Local (custom)
VIRTUAL NETWORK	VNET-LOCAL	VNET – 4 caracteres do recurso LOCAL – Região Local
VIRTUAL NETWORK	VNET-LOCAL-FW	VNET – 4 caracteres do recurso LOCAL – Região Local FW – Indicação de firewall
VIRTUAL NETWORK	VNET-DR-CANC-001	VNET – 4 caracteres do recurso DR – Ambiente Disaster Recovery CANC – Região personalizada 001 – Instância
VIRTUAL NETWORK	VNET-PRD-UKS-001	VNET – 4 caracteres do recurso PRD – Ambiente produção UKS – Região UKS 001 – Instância

VIRTUAL NETWORK	VNET-DE-TO-VNET-PRD-001	VNET – 4 caracteres do recurso DE-TO-VNET-PRD-001 – Descrição customizada de ligação entre redes
VIRTUAL NETWORK	VNET-PRD-001-TO-VNET-DR	VNET – 4 caracteres do recurso PRD-001-TO-VNET-DR – Descrição customizada de ligação entre redes
VIRTUAL MACHINE (VM)	VM-TMP-DEV-UKS-001	VM – 2 caracteres do recurso TMP – Tipo workload (temporária) DEV – Ambiente desenvolvimento UKS – Região 001 – Instância
NIC (INTERFACE DE REDE)	PVT-SQL-PRD-UKS-001-NIC	PVT – Tipo de rede privada SQL – Workload banco de dados PRD – Ambiente produção UKS – Região 001 – Instância
PUBLIC IP	PIP-PRD-VNG-UKS-001	PIP – Public IP PRD – Ambiente produção VNG – Gateway de VPN UKS – Região 001 – Instância
NETWORK SECURITY GROUP (NSG)	NSG-PRD-UKS-001	NSG – Network Security Group PRD – Ambiente produção UKS – Região 001 – Instância
VIRTUAL NETWORK GATEWAY (VNG)	VNG-PRD-UKS-001	VNG – Virtual Network Gateway PRD – Ambiente produção UKS – Região 001 – Instância
VPN CONNECTION	CON-VPN-PRD-UKS-001	CON – Connection VPN – Tipo de conexão PRD – Ambiente produção UKS – Região

## Padrões de Taxometria

APP SERVICE PLAN	APLAN-DR-CANC-001	APLAN – App Service Plan DR – Ambiente DR CANC – Região 001 – Instância
APP SERVICE PLAN	APLAN-PRD-UKS-001	APLAN – App Service Plan PRD – Ambiente produção UKS – Região 001 – Instância
APP SERVICE	APP-DR-TEFTEC	APP – Application DR – Disaster Recovery DR TEFTEC – Workload custom
APP SERVICE	APP-TEFTEC	APP – Application TEFTEC – Workload custom
TRAFFIC MANAGER (TFM)	TFM-PRD-OCARINA-001	TFM – Azure Traffic Manager (Load Balancer entre App Services) PRD – Ambiente produção OCARINA – Workload custom 001 – Instância

## Recursos Inventariados



Azure subscription 1



# Topologia

