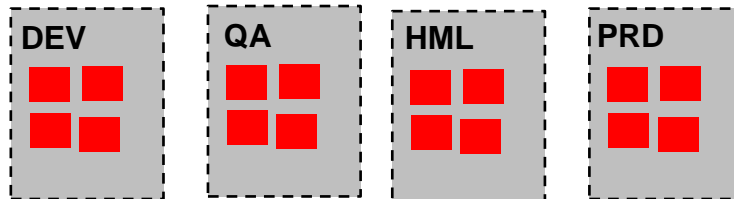


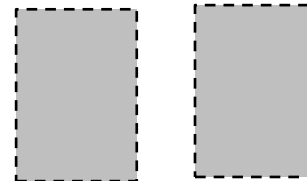
Introdução ao Microsoft Azure

TENANT = ACCOUNT = ACTIVE DIRECTORY = APPLE

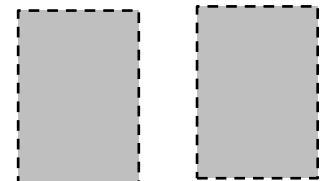
Subscription – CLIENTE A



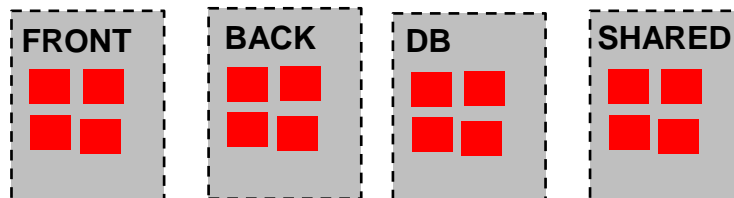
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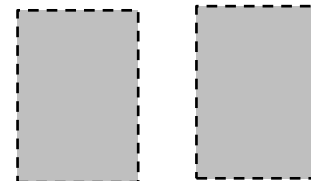
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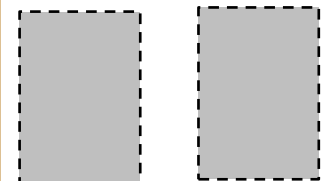
Subscription



Subscription = HML



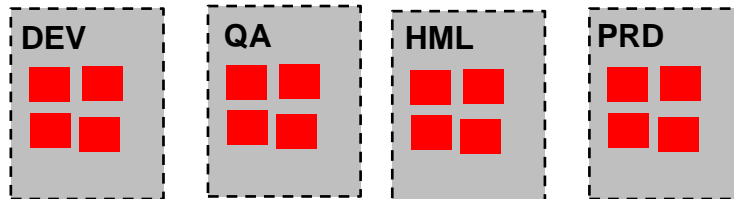
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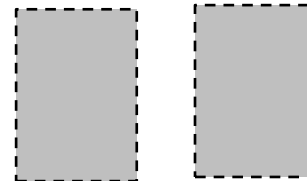
Introdução ao Microsoft Azure

TENANT = ACCOUNT = ACTIVE DIRECTORY = APPLE

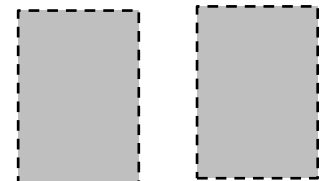
Subscription – CLIENTE A



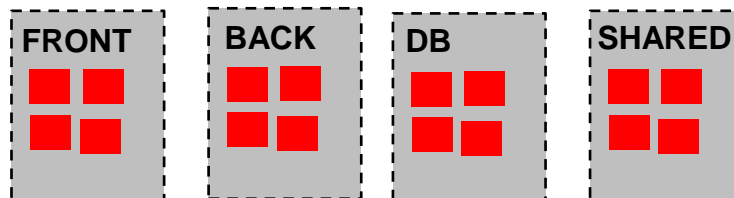
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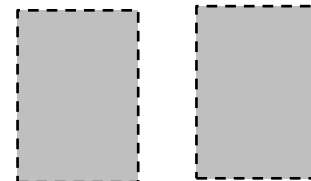
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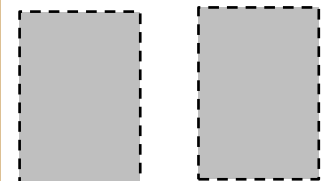
Subscription

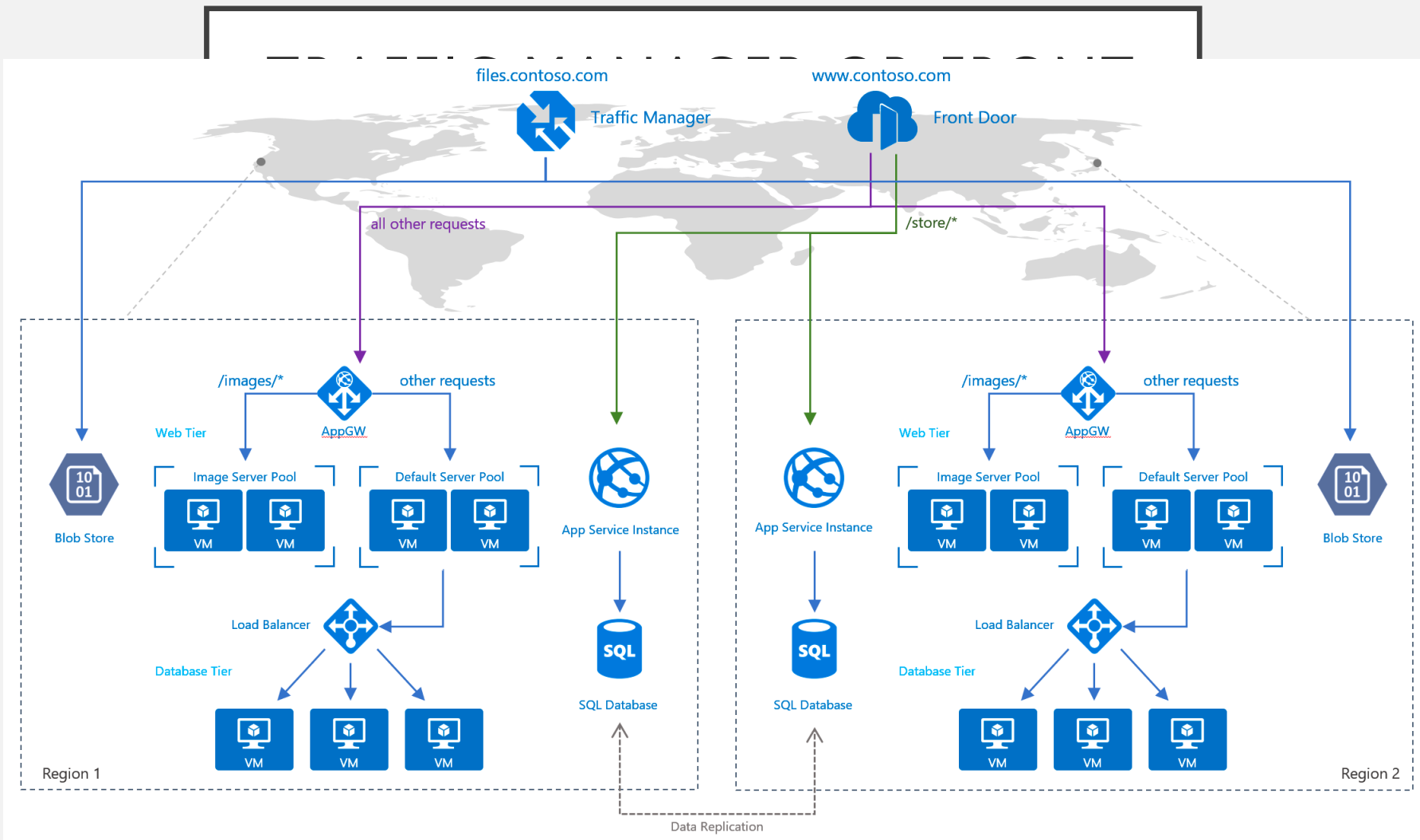


Subscription = HML



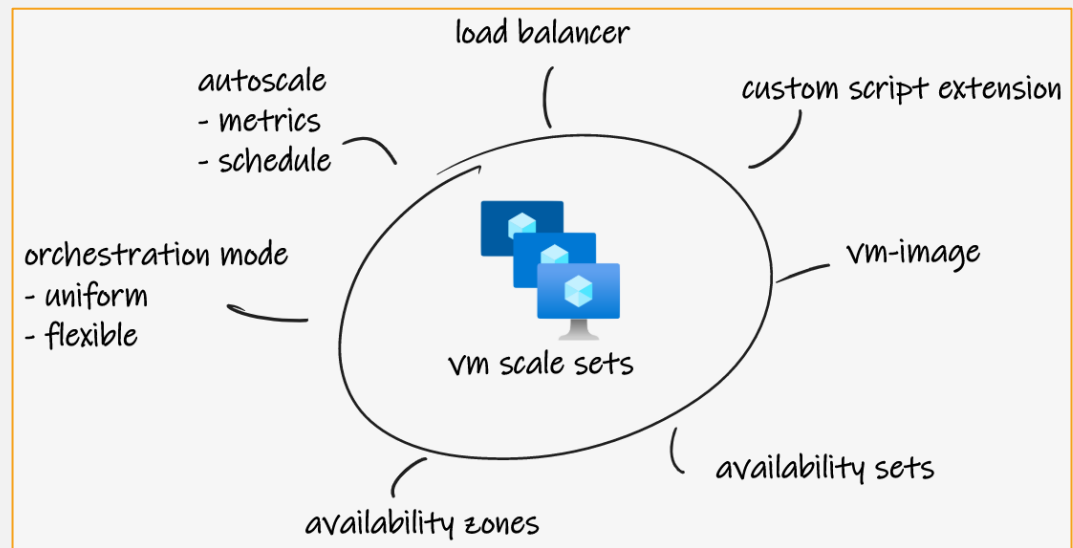
Subscription = PRD





ESCALABILIDADE DE MAQUINAS VIRTUAIS

- Meu conjunto de dimensionamento de VM precisa de alta disponibilidade.
- Quais são minhas opções? Preciso implantar meu aplicativo no VM Scale Set.
- Quais são minhas opções?



QUANDO SELECIONAR MAQUINAS VIRTUAIS COM ESCALABILIDADE

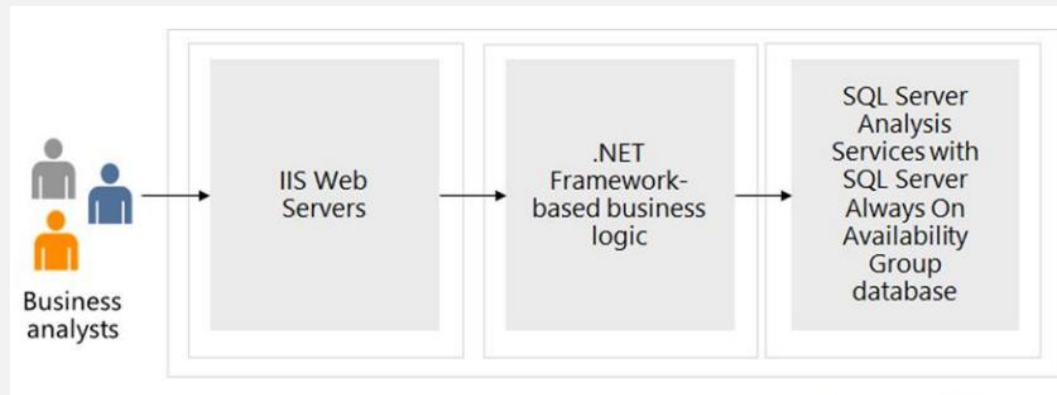
- Os conjuntos de dimensionamento são criados a partir de máquinas virtuais. Com conjuntos de dimensionamento, as camadas de gerenciamento e automação são fornecidas para executar e dimensionar seus aplicativos.

Scenario	Group of virtual machines	Virtual machine scale sets*
You need to add VM instances for changing workload	Manual process to create, configure, and ensure compliance	Automatically create from central configuration
You need to balance and distribute workloads	Manual process to create and configure Azure load balancer or Application Gateway	Can automatically create and integrate with Azure load balancer or Application Gateway
You need high availability and redundancy	Manually create Availability Set or distribute and track VMs across Availability Zones	Automatic distribution of VM instances across Availability Zone (when zones are selected) and Availability Set
You need to monitor and then scale virtual machines	Manual monitoring and Azure Automation	Autoscale based on host metrics, in-guest metrics, Application Insights, or schedule

* Ensure application supports VMSS

PROJETOS REAIS E PRÁTICOS

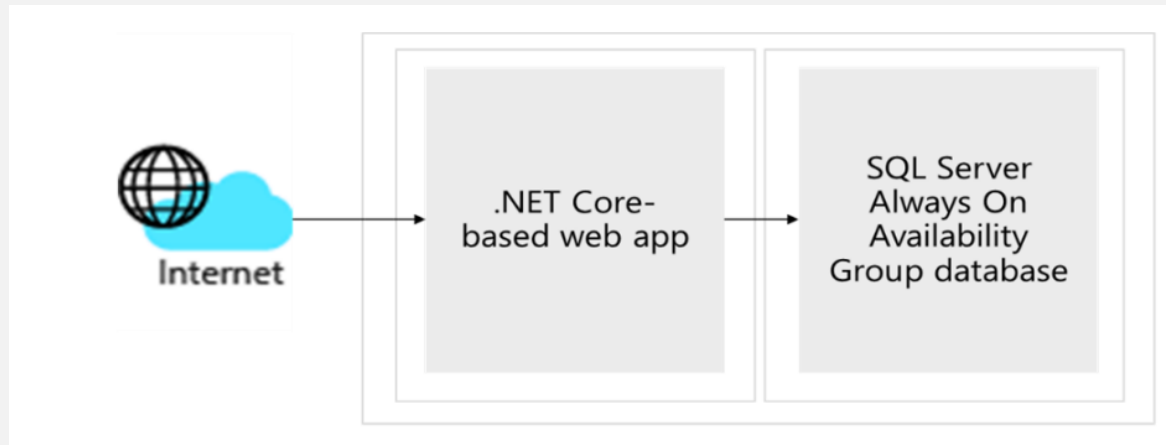
CENÁRIO 01 – CLIENTE LOJA ONLINE



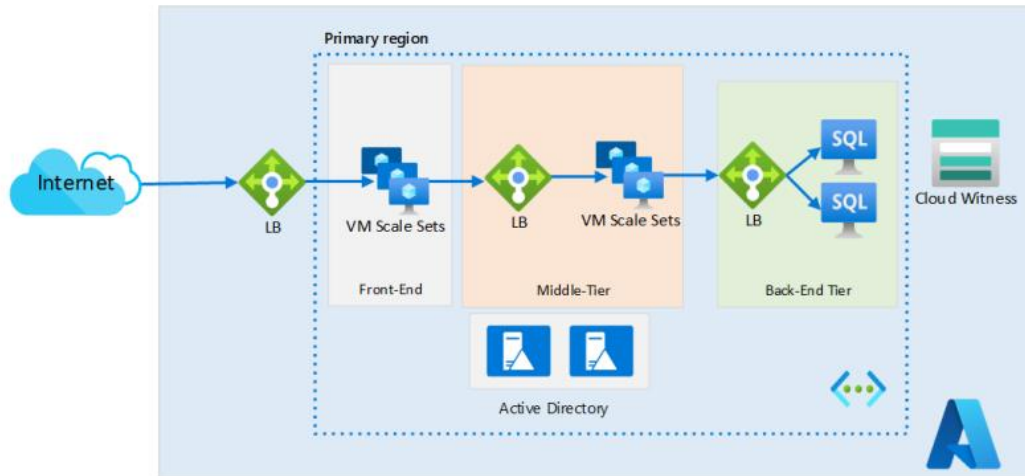
- Demanda pesada com lentidão
- Os servidores atingem seu limite de desempenho durante o dia
- Os servidores ficam ociosos durante o horário de folga
- Chamada de API Rest da camada de front-end
- Solicitações de demanda de um dia para o outro estão com lentidão.

PROJETOS REAIS E PRÁTICOS

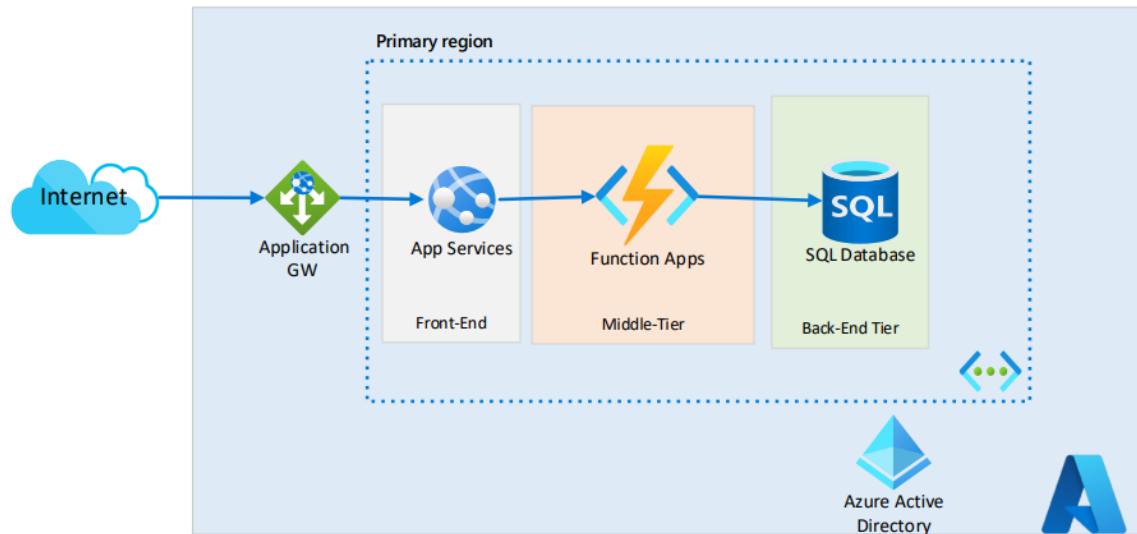
CENÁRIO 02 – CLIENTE ESCOLA



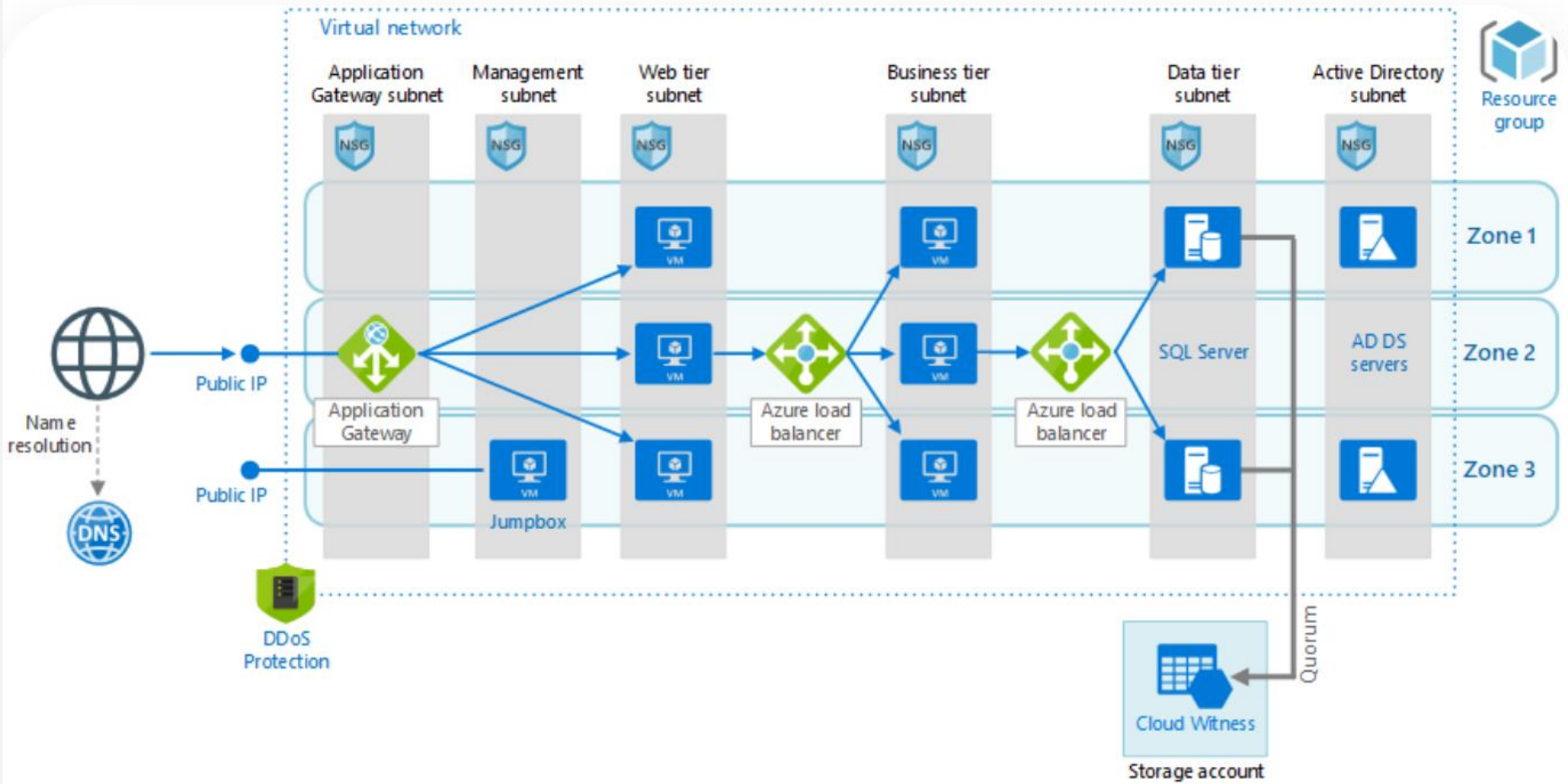
- Demanda pesada com lentidão
- Os servidores atingem seu limite de desempenho durante o dia
- Os servidores ficam ociosos durante o horário de folga

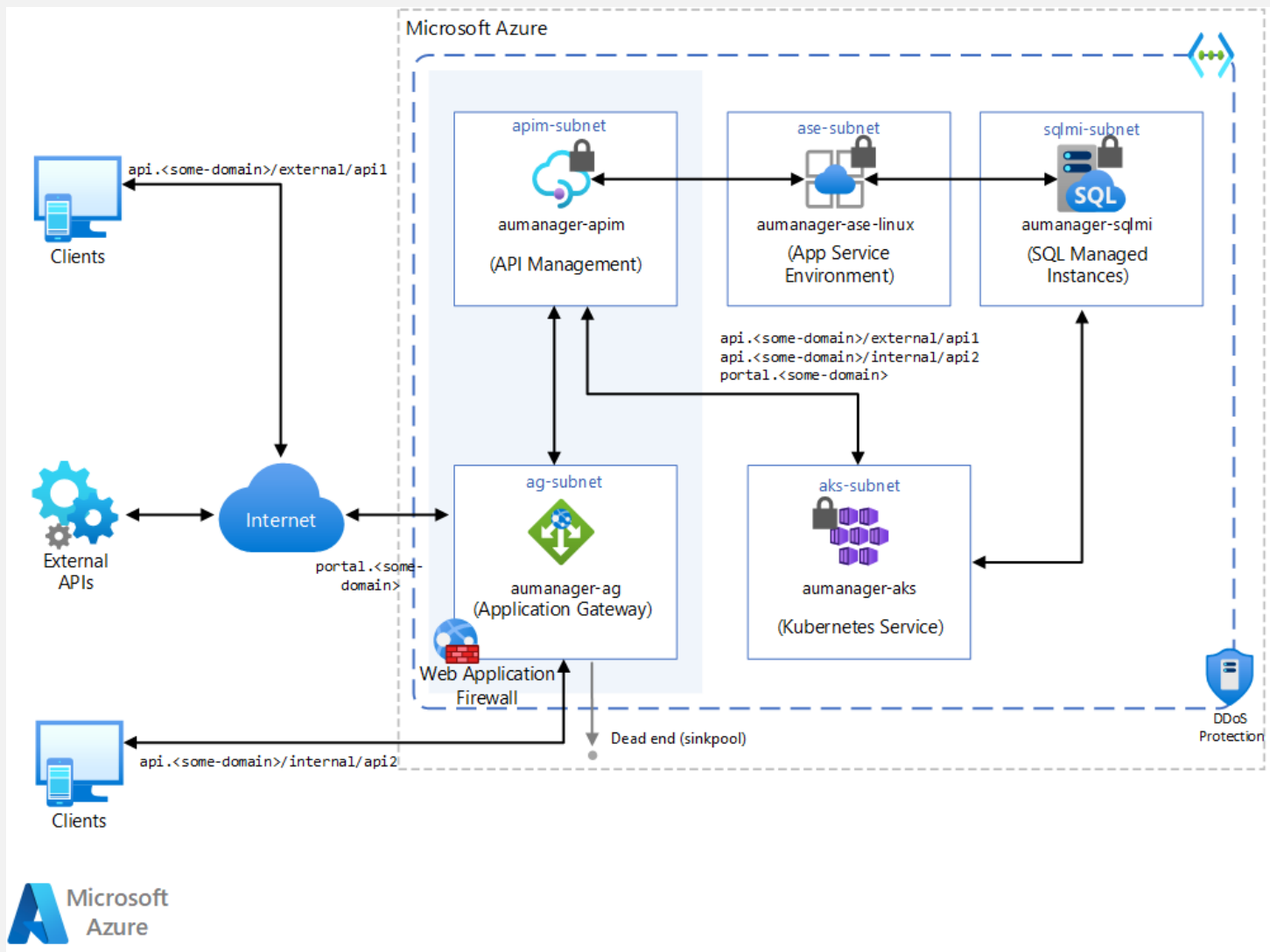


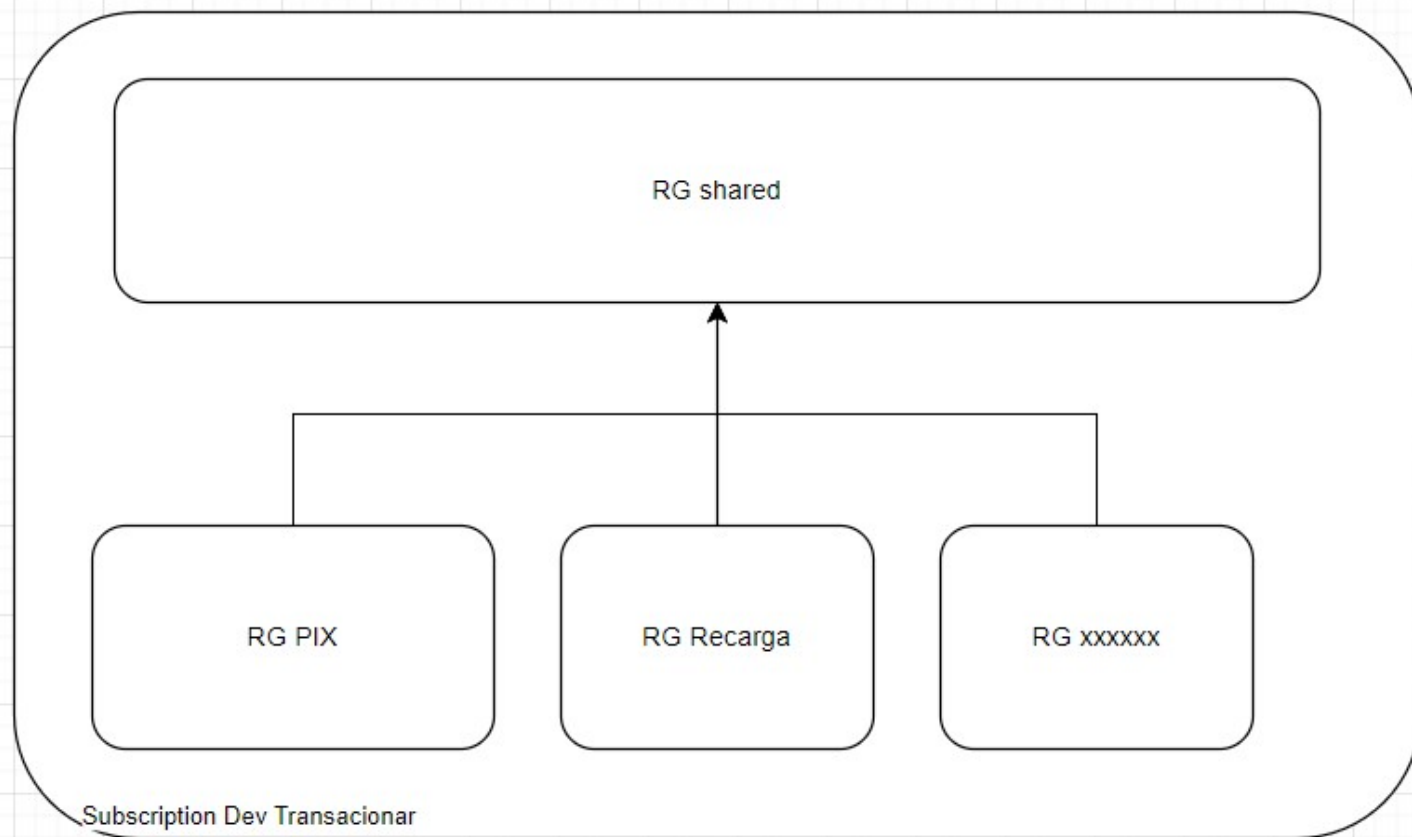
App Service +
Functions




MODELOS







LEGENDA

 Equipamento

 Firewalls Customer

 Switches Customer

• Interface 1GB SM

• Interface 1GB UTP

 Links L2L Dedicado

— Cross Connection

— Golden Jumper

