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Document SignOff

1   Preface

1.1   Purpose of this document

1. *This document is a 3 Tier Infrastructure Setup Design Document on Microsoft Azure.*

1.2   Overview

1. *This preface is for information only.*

2. *This document includes overall architecture, infrastructured and brief about all the services used in it.*

2   Architecture Diagram

3 Tier Architecture on Microsoft Azure

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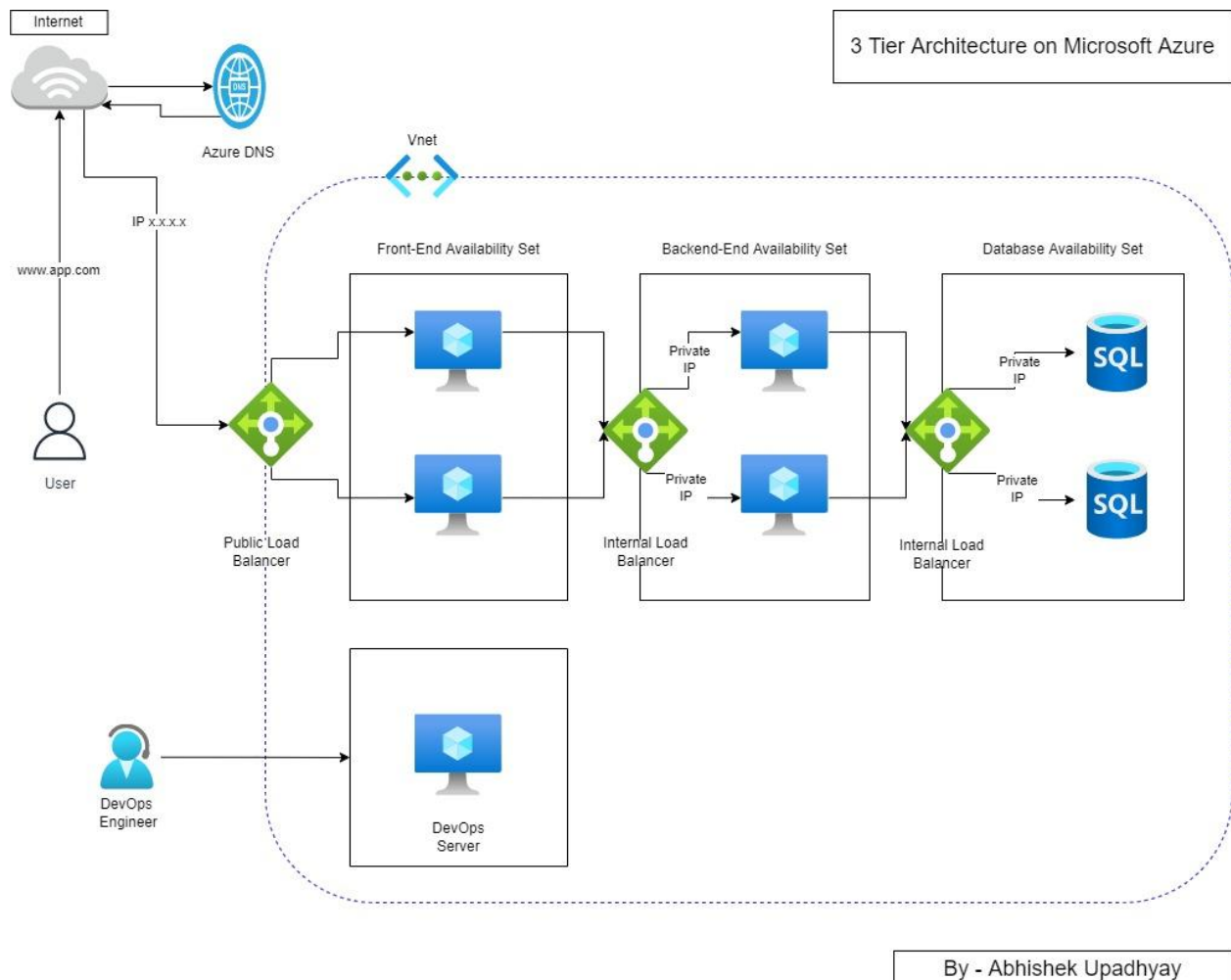
3   Azure SERVICES

3.1   Azure DNS **:**

Azure DNS is a hosting service for DNS domains that provides name resolution by using Microsoft Azure infrastructure. This is accomplished by translating domain names (www.websitename.com) into the numeric IP addresses (123.12.3), which is how computers connect to each other.

3.2   Azure Virtual Network **:**

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks.

3.3   Azure load balancer **:**

An Azure load balancer is a Layer-4 (TCP, UDP) load balancer that provides high availability by distributing incoming traffic among healthy VMs. A load balancer health probe monitors a given port on each VM and only distributes traffic to an operational VM.

Here, We are using both type of load balancer i.e. Public and Internal.

3.4   Availability Set **:**

An availability set is a logical grouping of VMs that allows Azure to understand how your application is built to provide for redundancy and availability.

3.5   Virtual Machine **:**

A Virtual Machine (VM) is a compute resource that uses software instead of a physical computer to run programs and deploy apps. One or more virtual "guest" machines run on a physical "host" machine.

3.6   Azure SQL **:**

Microsoft Azure SQL Database is a managed cloud database provided as part of Microsoft Azure. A cloud database is a database that runs on a cloud computing platform, and access to it is provided as a service. Managed database services take care of scalability, backup, and high availability of the database.

5 Document SignOff

Nature of Signoff	Person	Role
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