

# INTRODUCING MICROSOFT AZURE HOSTED PRIVATE CLOUD

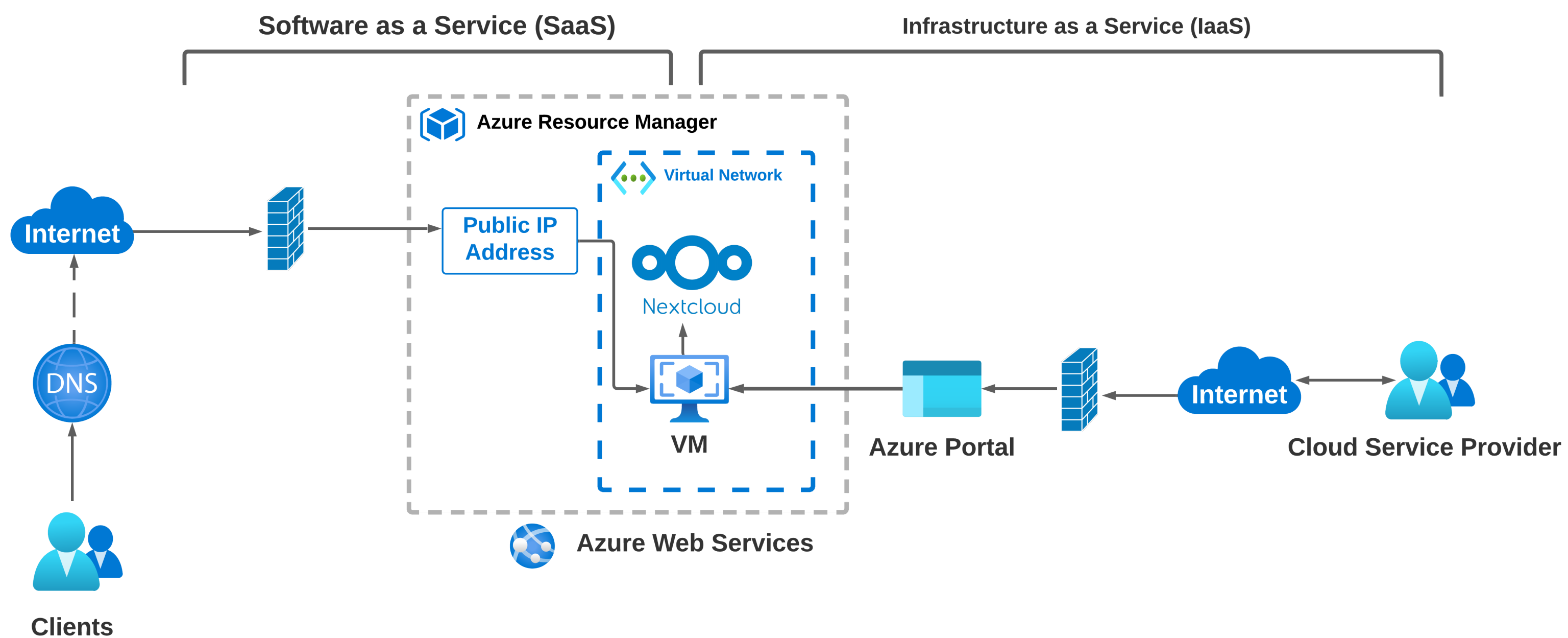
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## INTRODUCTION

Nextcloud is a free open source client-server software used to create and use file hosting services, which means that anyone can install it and operate it on their private servers and access it from anywhere globally. It is the same as the different file hosting services available online e.g. OneDrive, Google Drive, and Dropbox, etc. The difference here is that OneDrive, Google Drive, and Dropbox, etc. is managed by their company management team but on the other hand Nextcloud is managed by the user itself.

## USECASE

- For the cloud service provider, Microsoft Azure acts as Infrastructure as a service (IaaS) because Microsoft Azure provides virtualized computing resources to the cloud service provider over the internet.
- For the customers/clients, this cloud acts as Software as a Service (SaaS) because clients can access this cloud from anywhere in the world and from any device they want e.g. Laptops, Smartphones, Smart TVs, etc.,
- The deployment model of this cloud is private.

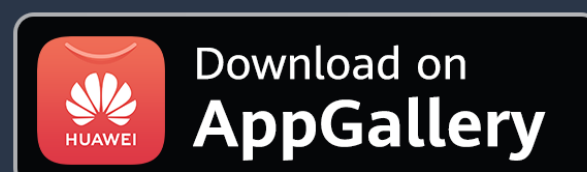


## CONFIGURATION

- Configured on Microsoft Azure Virtual Machine which provides 24/7 uptime with the cost of \$30 per month.
- Microsoft Azure creates public and private IP addresses itself and also provides the option to configure the DNS name for the virtual machine. Through DNS users can access this cloud from anywhere in the world and at any time.

## USER ACCOUNT AND URL

Name: Dr. Mudassar Aslam  
Username: DrMudassar  
Email: [mudassar.aslam@nu.edu.pk](mailto:mudassar.aslam@nu.edu.pk)  
Password: MuhammadOsamaKhalid  
URL: <https://osamakhalid.eastus.cloudapp.azure.com>



Access Through Nextcloud App