

Cloud Computing

Before Cloud Computing

Suppose you want to host a website, these are the following things that you would need to do:



Buy a stack of servers.



Keeping the peak traffic in mind, buy more servers.



Monitoring and Maintenance of your servers.

Disadvantages



This setup is expensive.



Troubleshooting problems can be tedious and may conflict with your business goals.



Since the traffic is varying, your servers will be idle most of the time.

How it Happens

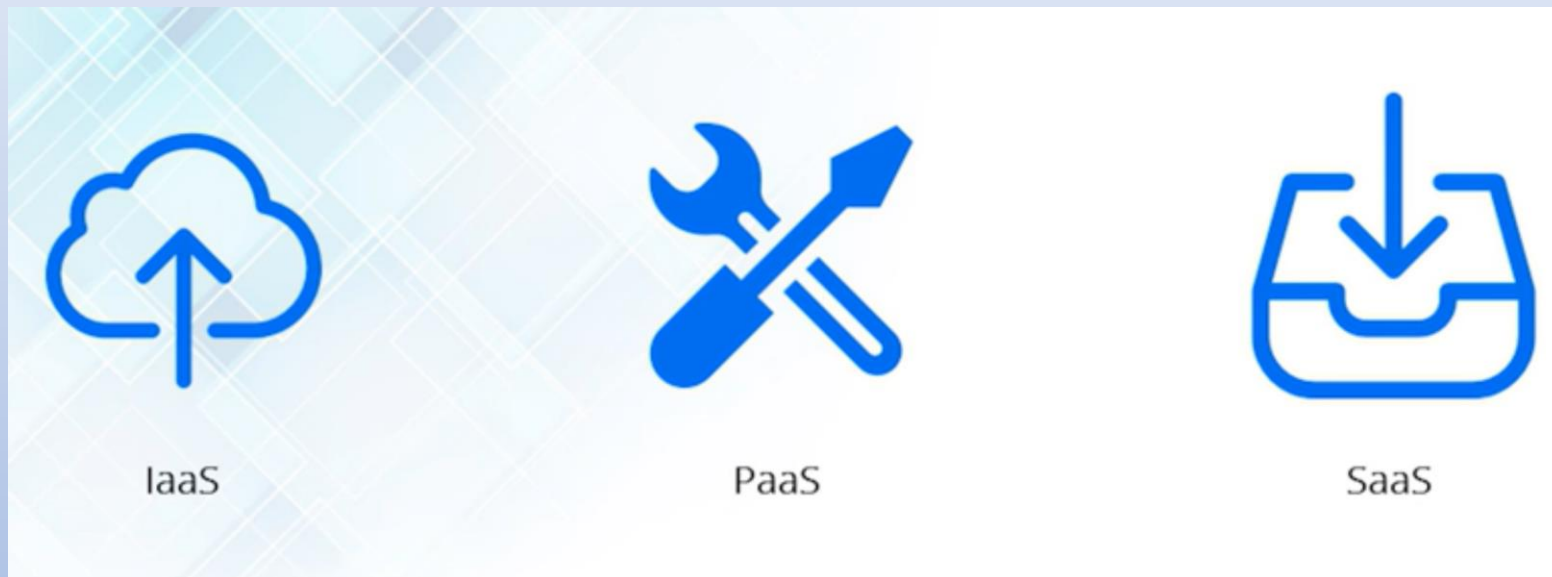


What is Cloud Computing

It is the use of remote servers on the internet to store, manage and process data rather than a local server or your personal computer.



Service Models – Cloud Computing



Service Models – Cloud Computing



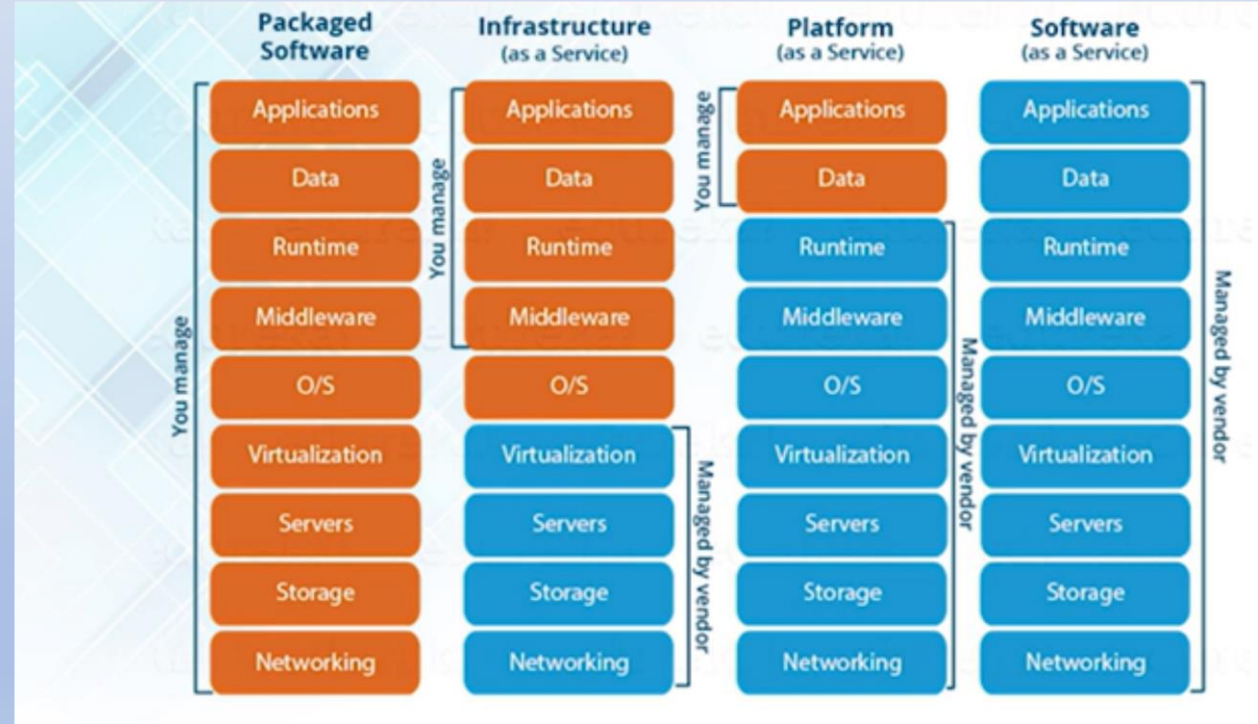
Service Models – Cloud Computing



Service Models – Cloud Computing



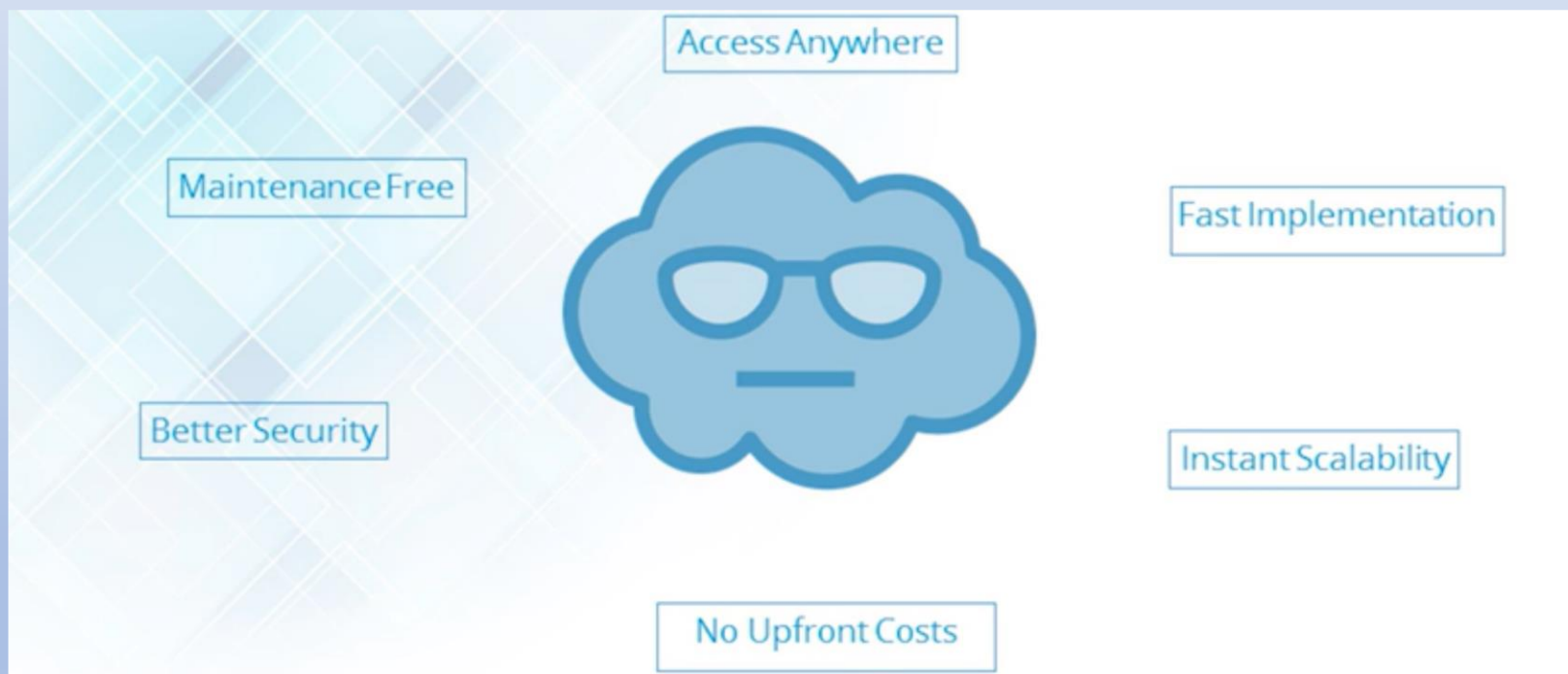
Service Models – Cloud Computing



Deployment Model – Cloud Computing



Cloud Computing Advantages

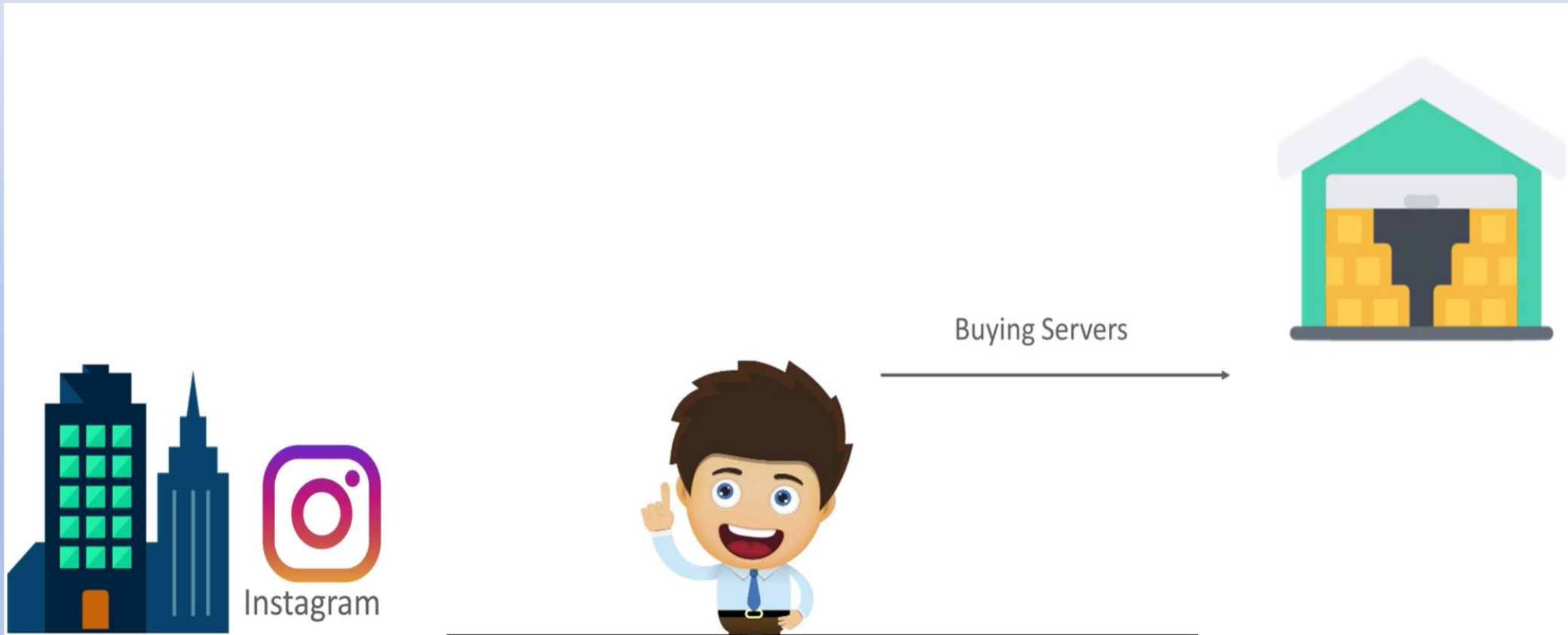


What is AWS

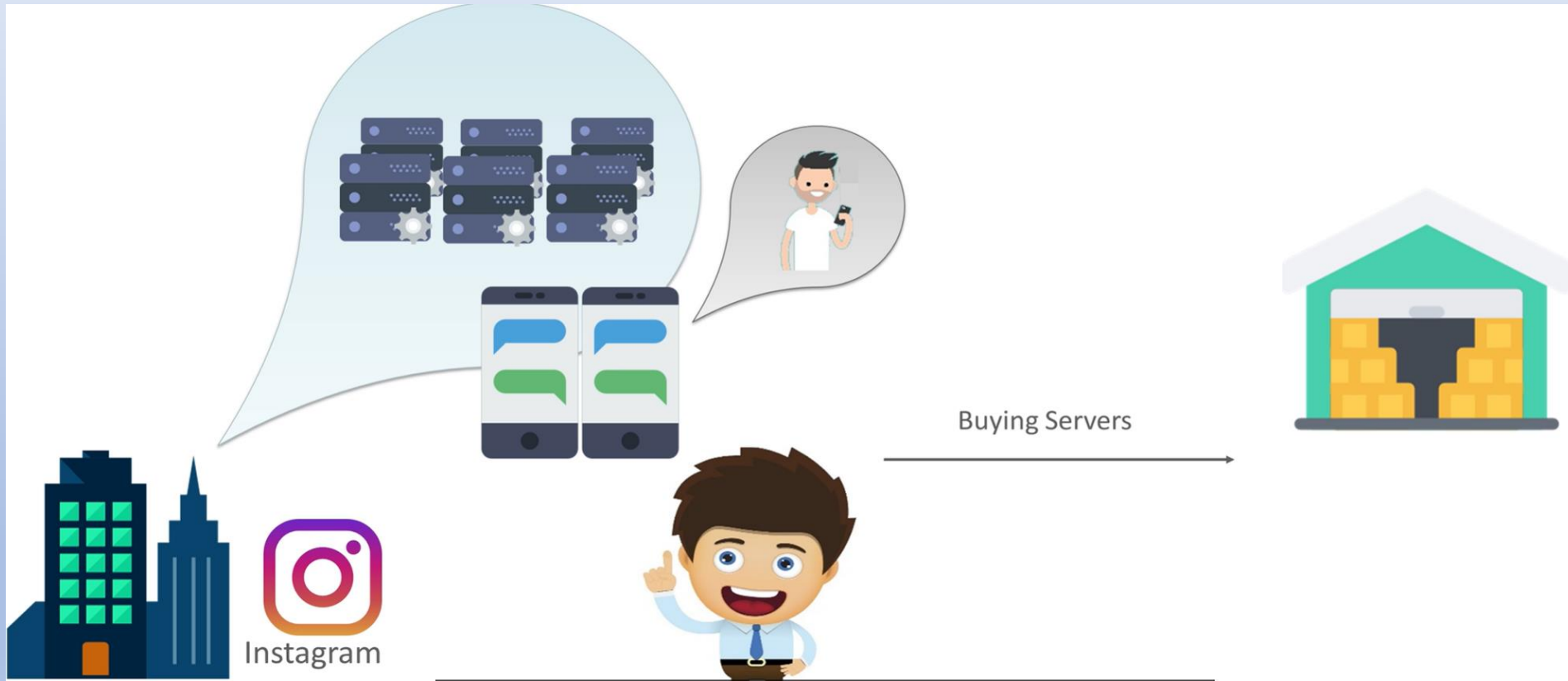
Amazon Web Services is a subsidiary of Amazon.com that provides on-demand cloud computing platforms to individuals, companies and governments, **on a paid subscription basis** with a free-tier option available for 12 months.



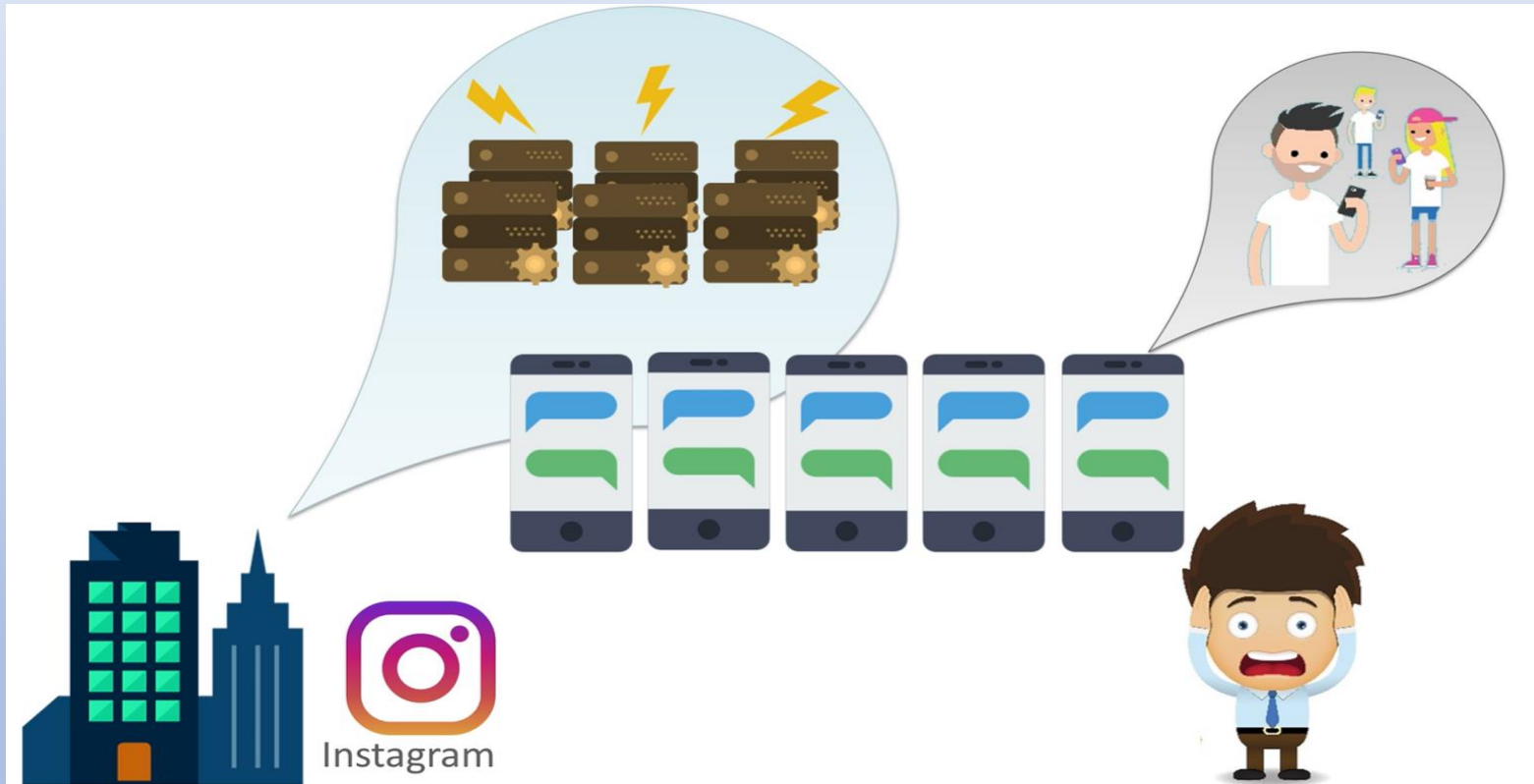
Why Use AWS ?



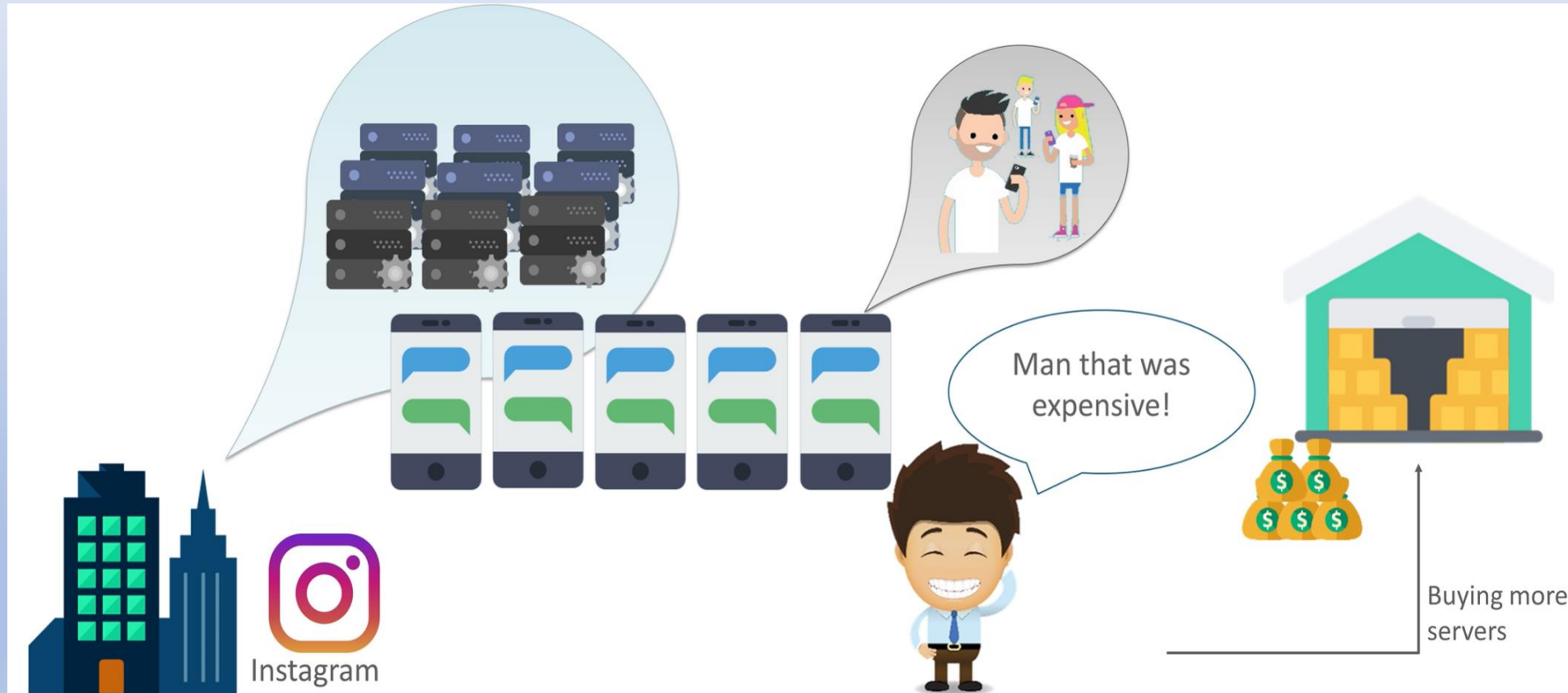
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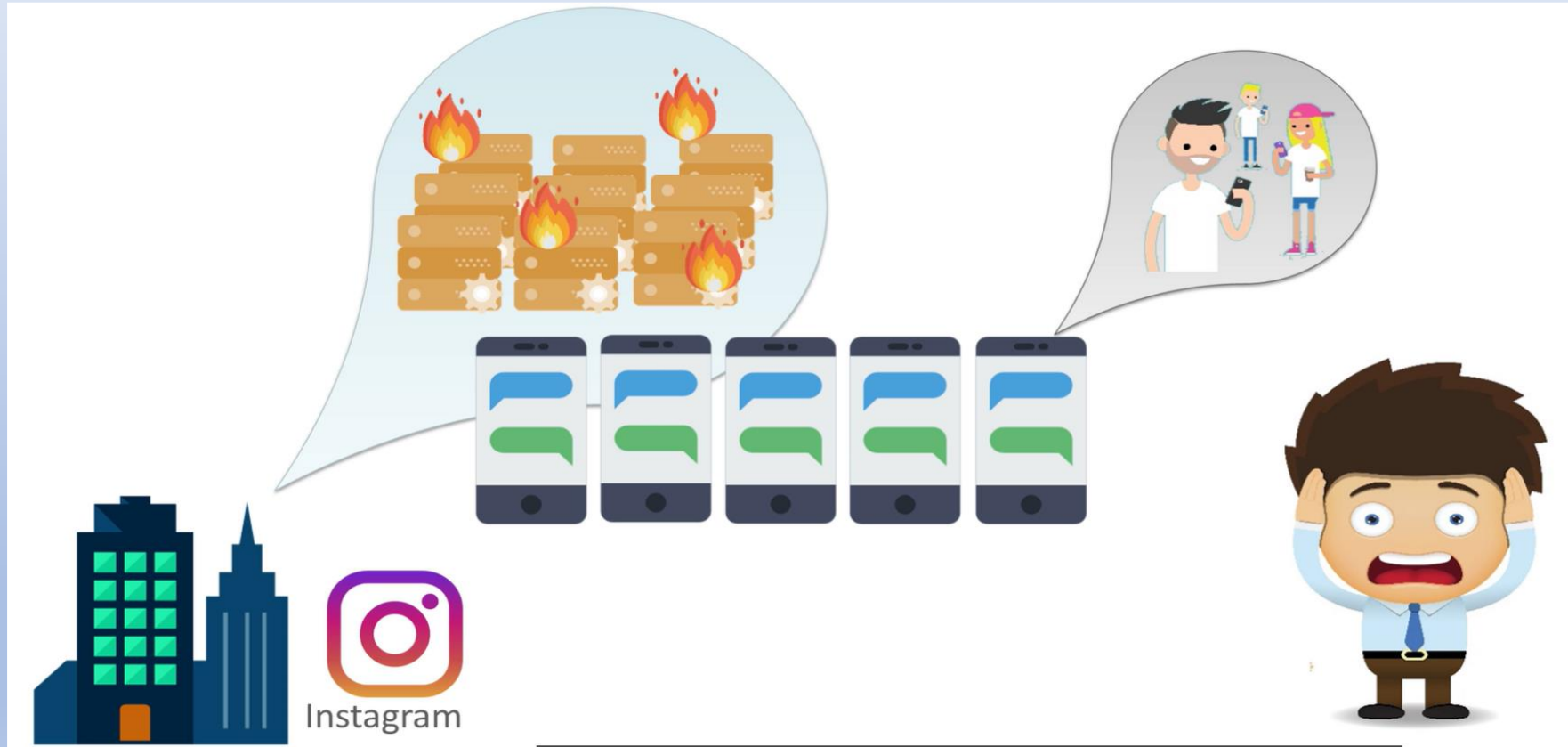
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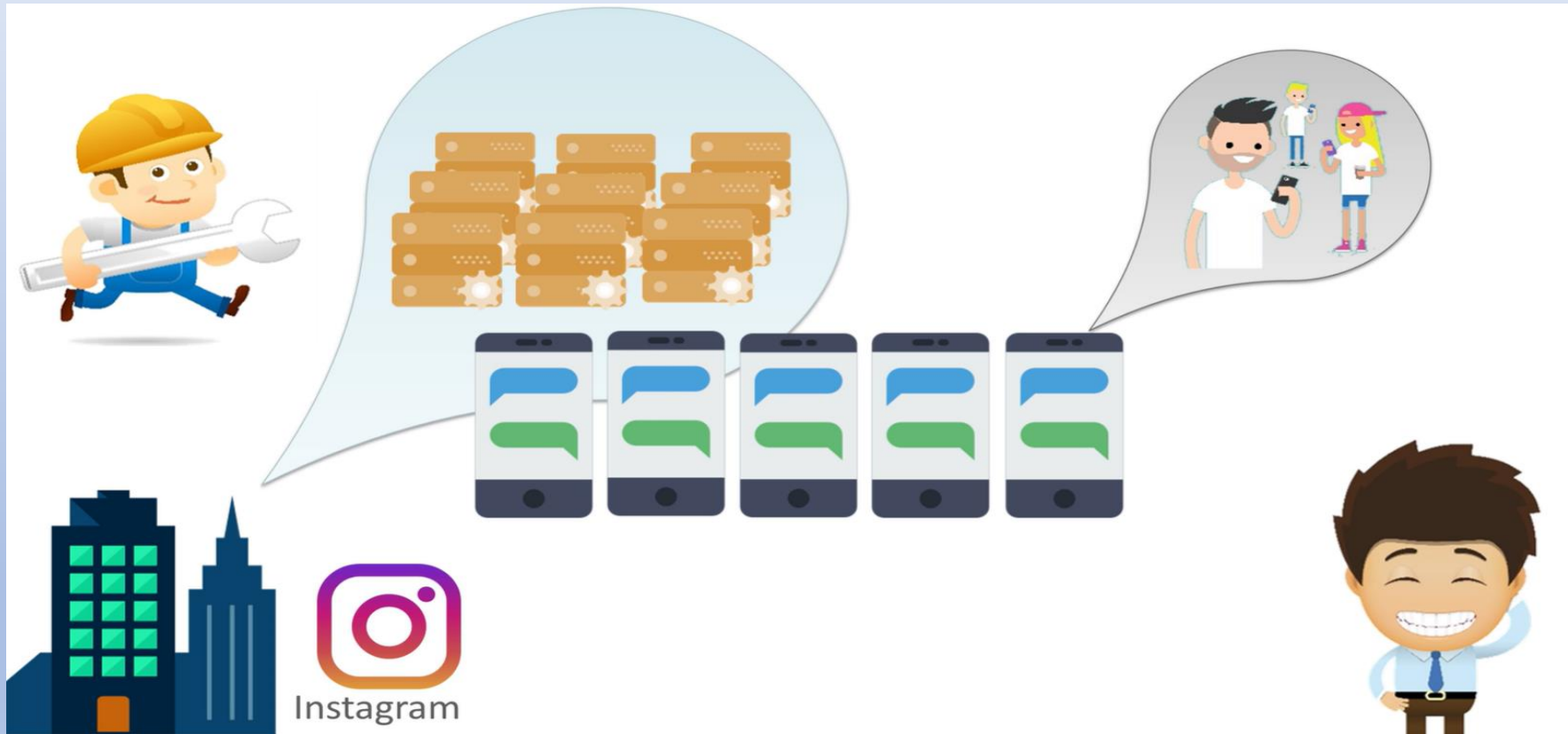
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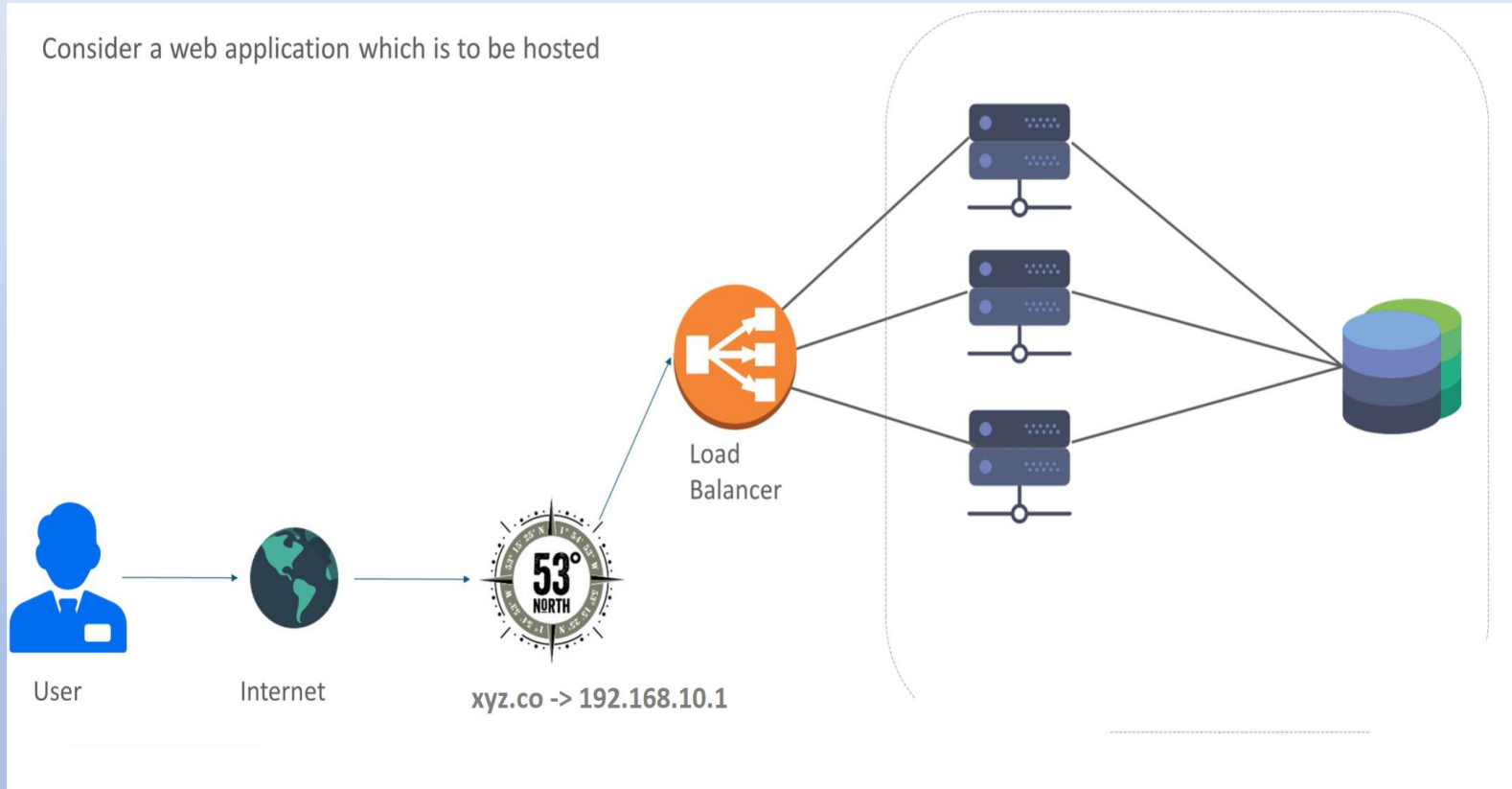
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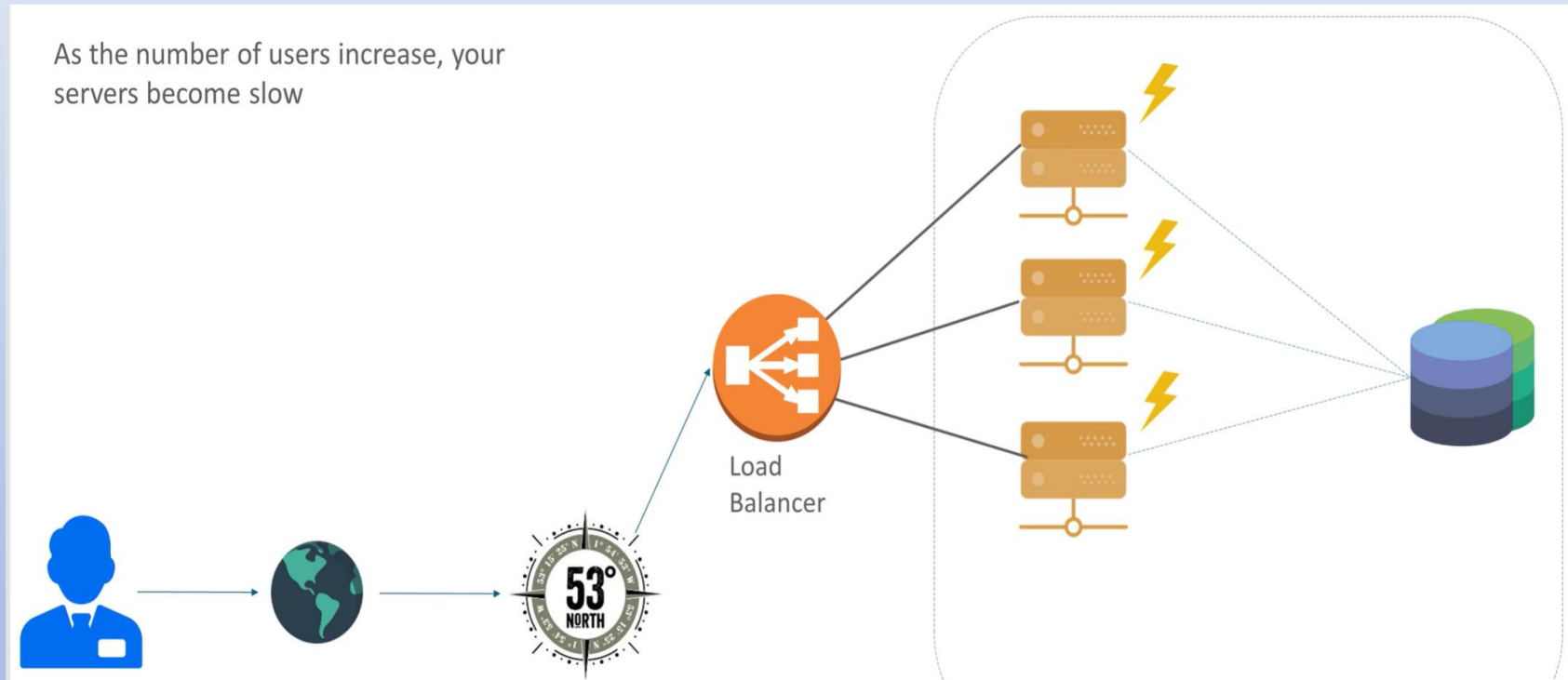
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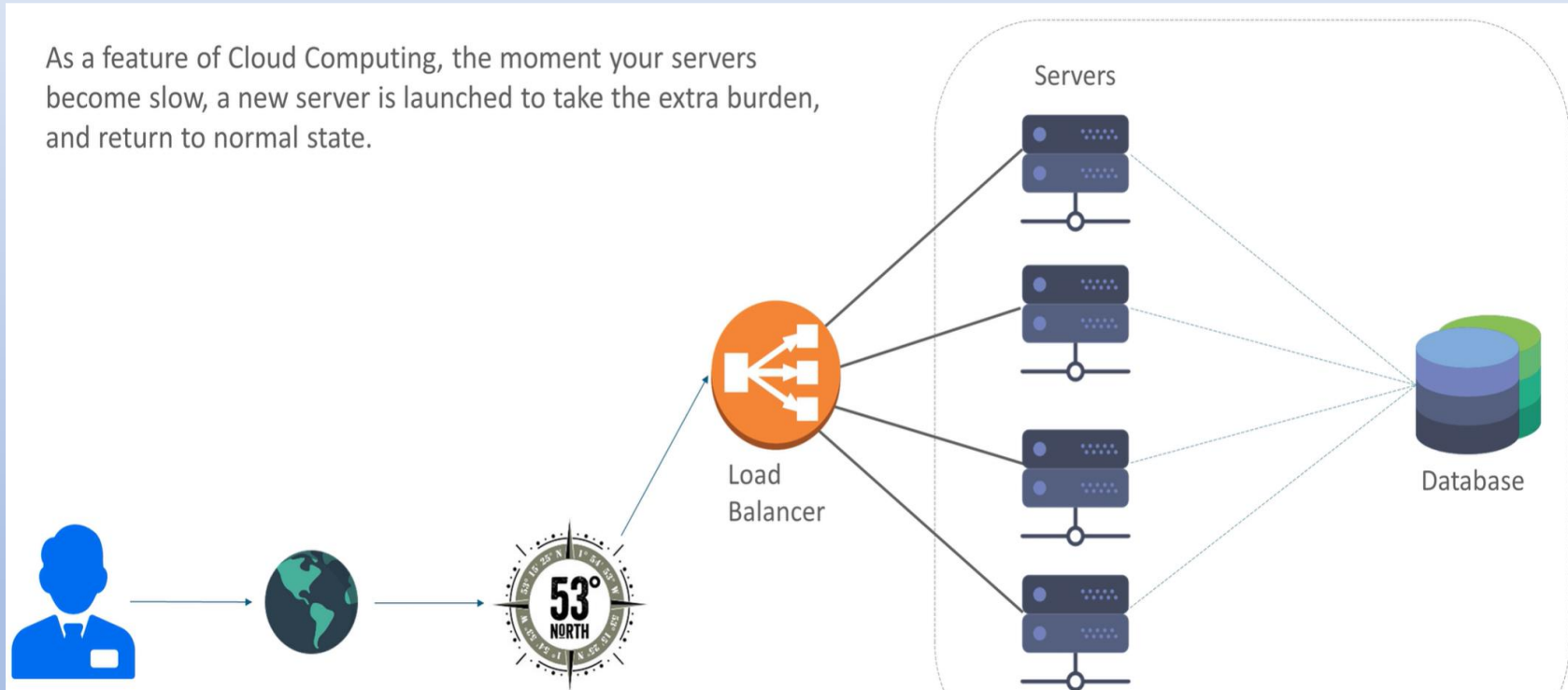
AWS Services Overview



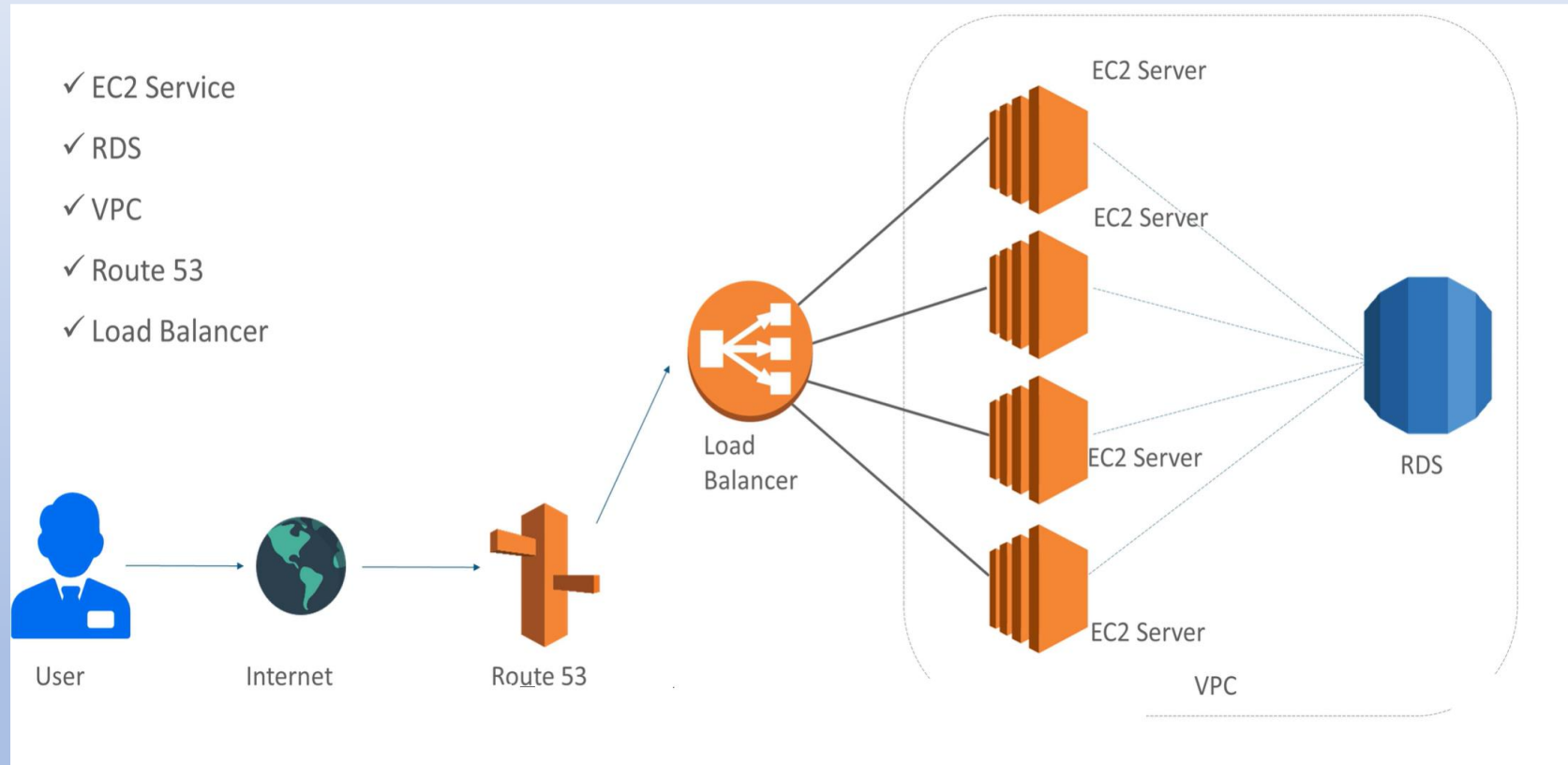
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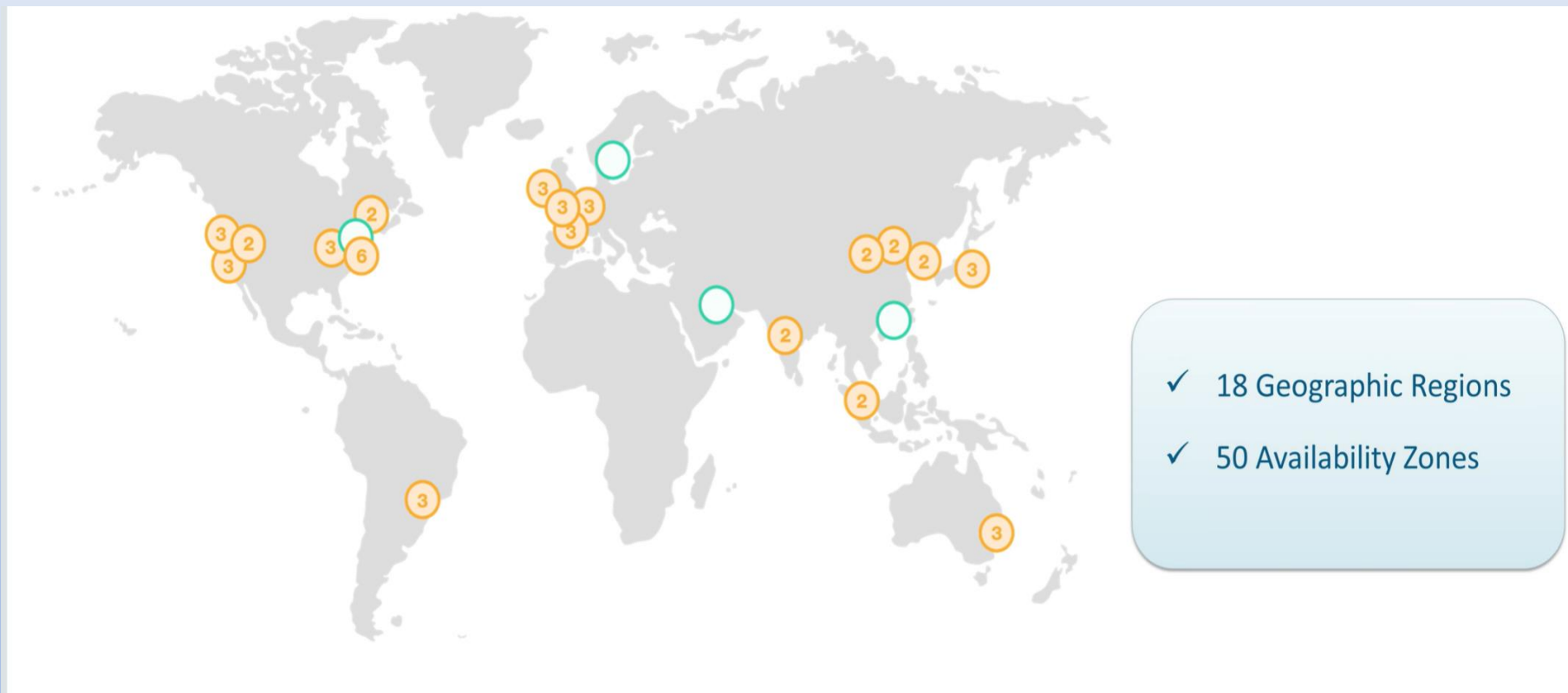
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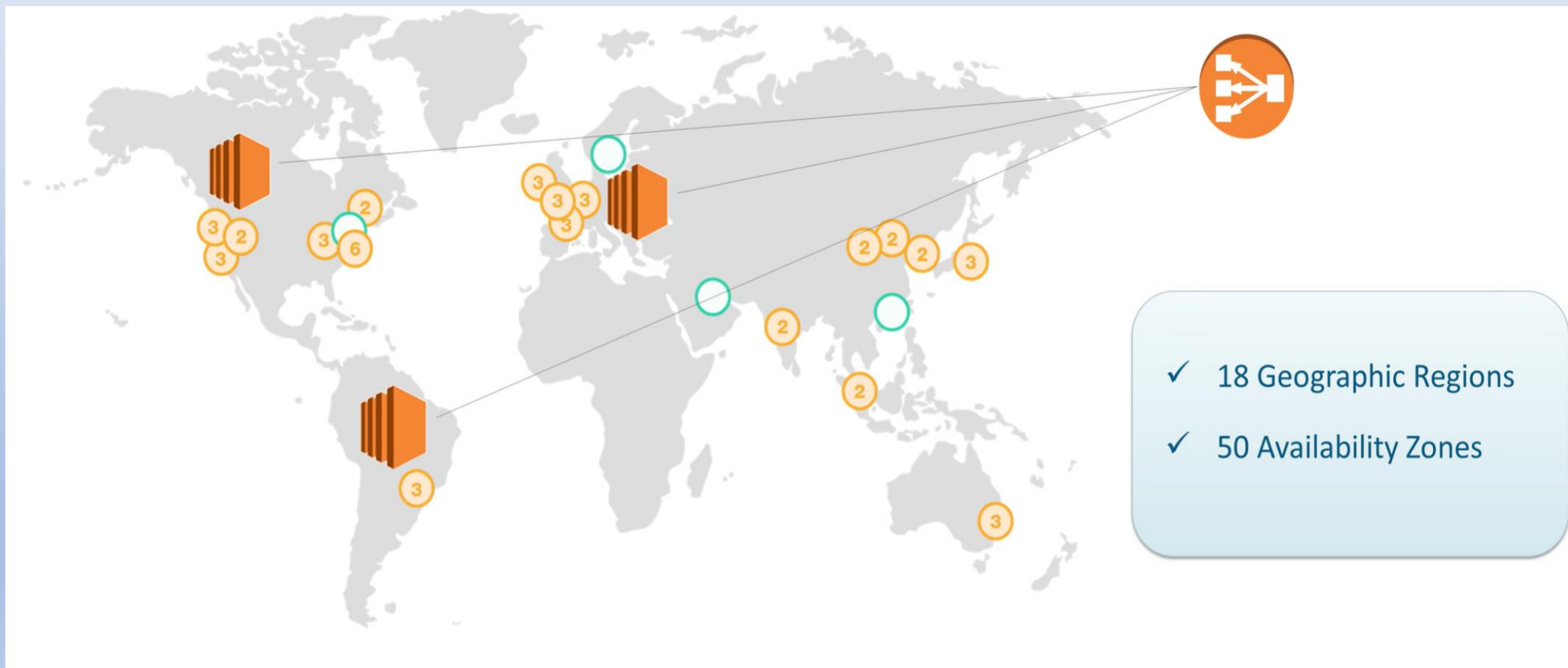
AWS Services Overview



AWS Global Infrastructure



AWS Global Infrastructure



AWS Pricing

- ✓ Per Hour Billing
- ✓ Region Specific Pricing
- ✓ Savings upto 90% on reserved instances
- ✓ Get incredibly low prices using spot pricing



Domains of AWS



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