

Cloud computing foundations – V1

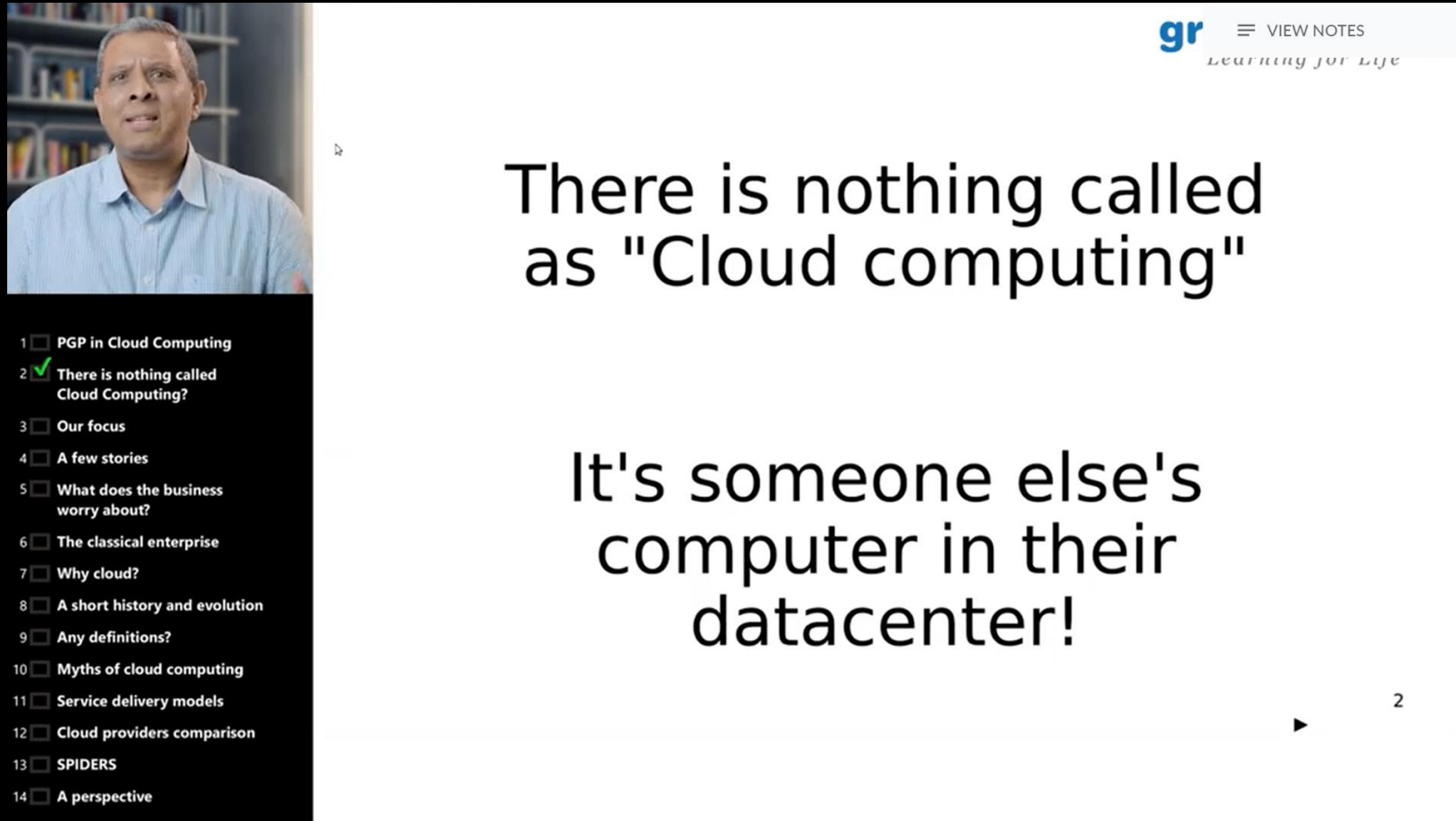
Target Audience –Beginners

Total slides – 7

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- What is cloud computing.
- What is IaaS, PaaS, SaaS and On-Premise
- Differentiate between IaaS, PaaS, SaaS with reference to on-premise
- Real world example of IaaS, PaaS and SaaS with reference to on-premise.

Cloud computing is someone else's data center or infrastructure that we are using.



gr VIEW NOTES
Learning for Life

There is nothing called
as "Cloud computing"

It's someone else's
computer in their
datacenter!

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- ☒ 2 There is nothing called Cloud Computing?
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- ☐ 5 What does the business worry about?
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There are three types of cloud computing namely

- IaaS: Infrastructure as a service
- PaaS: Platform as a service
- SaaS: Software as a service

Differentiate between IaaS, PaaS, SaaS with reference to on-premise

Differentiate between IaaS, PaaS, SaaS and On-Premise

| On-Premises | IAAS | PAAS | SAAS |
|----------------|----------------|----------------|----------------|
| Applications | Applications | Applications | Applications |
| Data | Data | Data | Data |
| RunTime | RunTime | RunTime | RunTime |
| Middleware | Middleware | Middleware | Middleware |
| OS | OS | OS | OS |
| Virtualization | Virtualization | Virtualization | Virtualization |
| Server | Server | Server | Server |
| Storage | Storage | Storage | Storage |
| Networking | Networking | Networking | Networking |

Real world example of Iaas, PaaS and SaaS with reference to on-premise.

- Suppose you buy a car, and you own it, it will be your on-premise service.
- Now, you have taken a car on lease . You can choose your car and drive it but you don't own it, that's infrastructure as a service.
- Third, platform as a service. In case you are travelling in a taxi, you don't own the car, you can't drive it, but you are just using the platform.
- Last is the software as a service. We can compare that to a bus. You don't have to do much, you just go to the bus stop and take a bus.

Cheers!