==Cloud services model==

1) Iaas
2) Paas
3) Saas

| Infrastructure layer | - Servers |
| | - Networking |
| | - Storage |
| | - Virtual machines |
| Platform layer | - OS |
| | - Middleware (EX python) |
| | - Runtime (Docker , IIS) |
| Software layer | - App + Data |

**On-permises** datacenter -→ you manage stating from infrastructure layer until software layer.

**Iaas Model (Infrastructure as a service )** ---→ you manage platform && Software layer.
Infrastructure layer falls under cloud provider.

**Uses cases --→**
- Migrate workloads
- Storage recovery &&. Backup
- Development && test

**Paas Model (Platform as a service )** ---→ you manage  Software layer.
Infrastructure && platform layer falls under cloud provider.

**Uses cases -----→**
- Development platform
- Business intelligence && Analytics

**Saas (software as a service)** ---→ you don't manage anything.
EX -> one drive

Gmail
Outlook

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Questions

OneDrive example for Software as a service.

Which one of the following best describe Software as a service.

User buy of-the-shelf app and just use them

Managing your infrastructure example for -----→
On-premise environment

Azure Sql DB example for ---→ platform as a service.

Sql server installed on vm example for ---→ Infrastructure as a service

Virtual machine example for -----→ Infrastructure as a service.