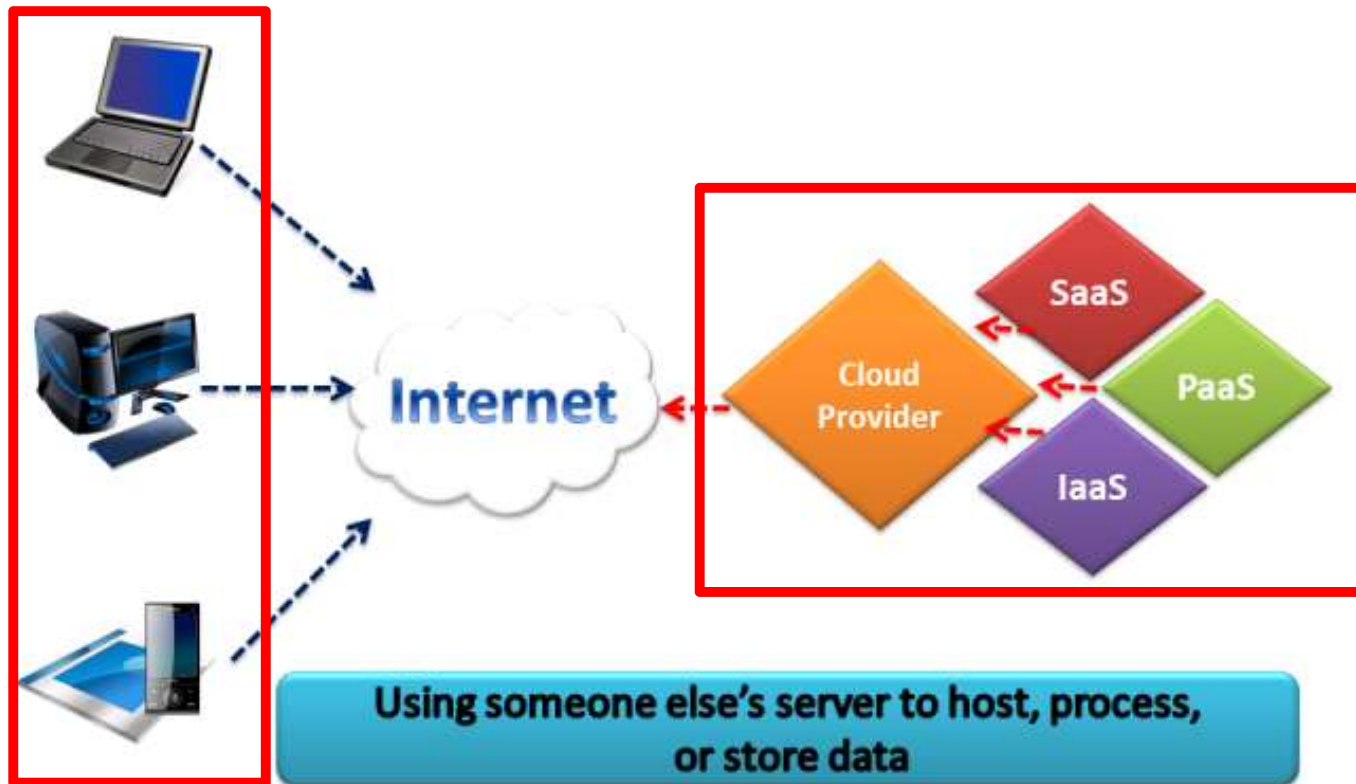


Cloud Computing and Azure

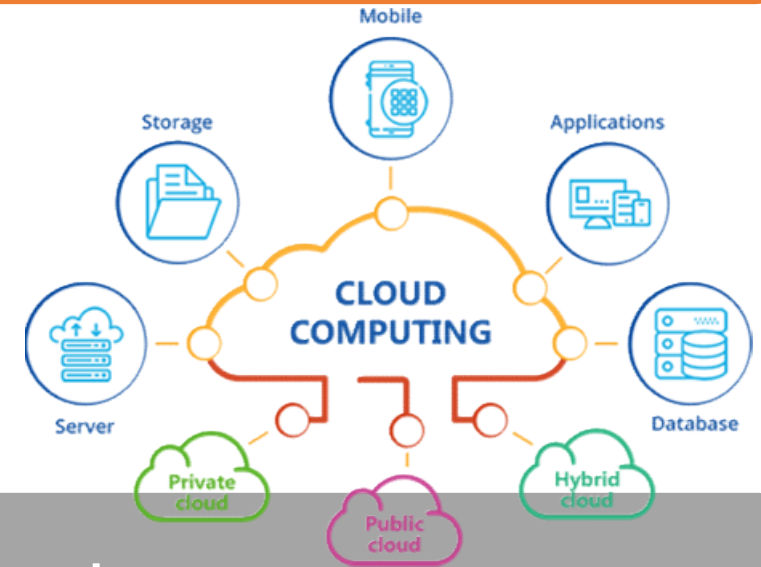
What is Cloud?



Cloud Computing

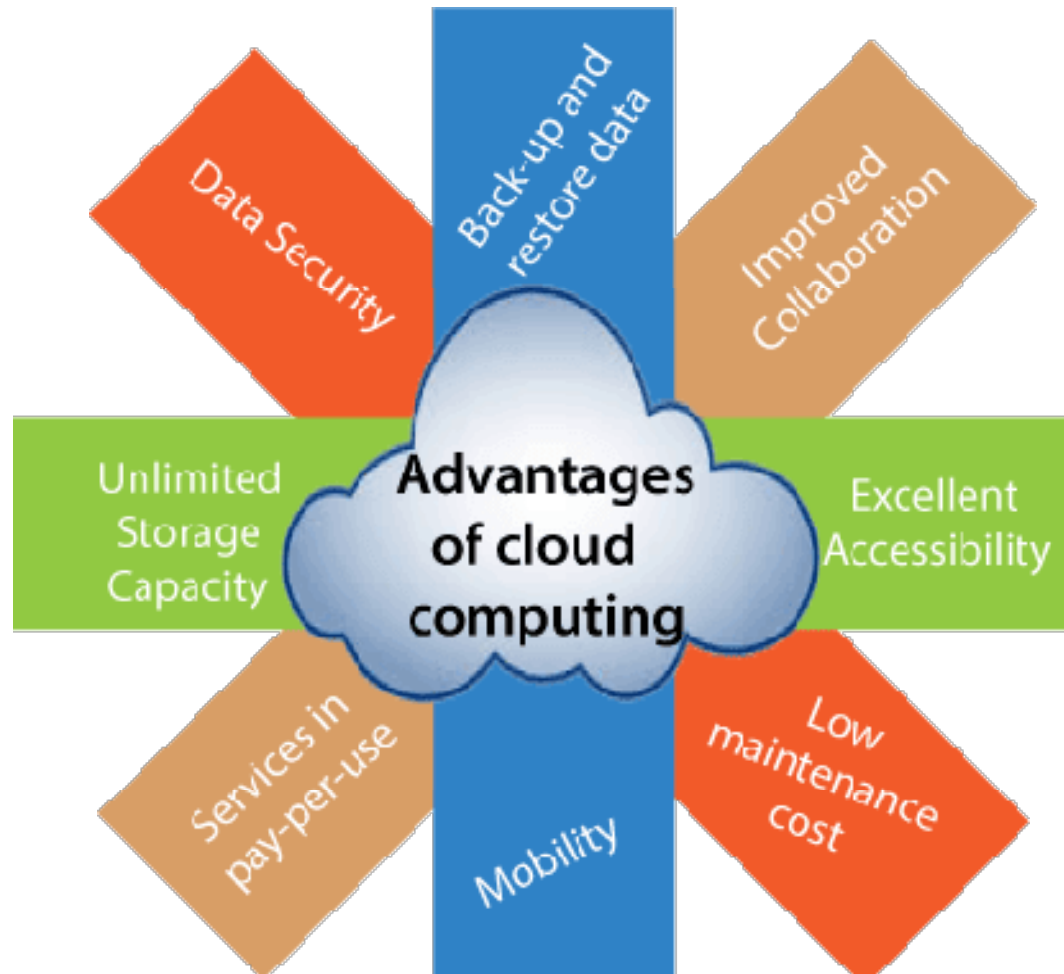
Enables network access to computing resources:

- Networks,
- Servers,
- Storage,
- Applications
- Services

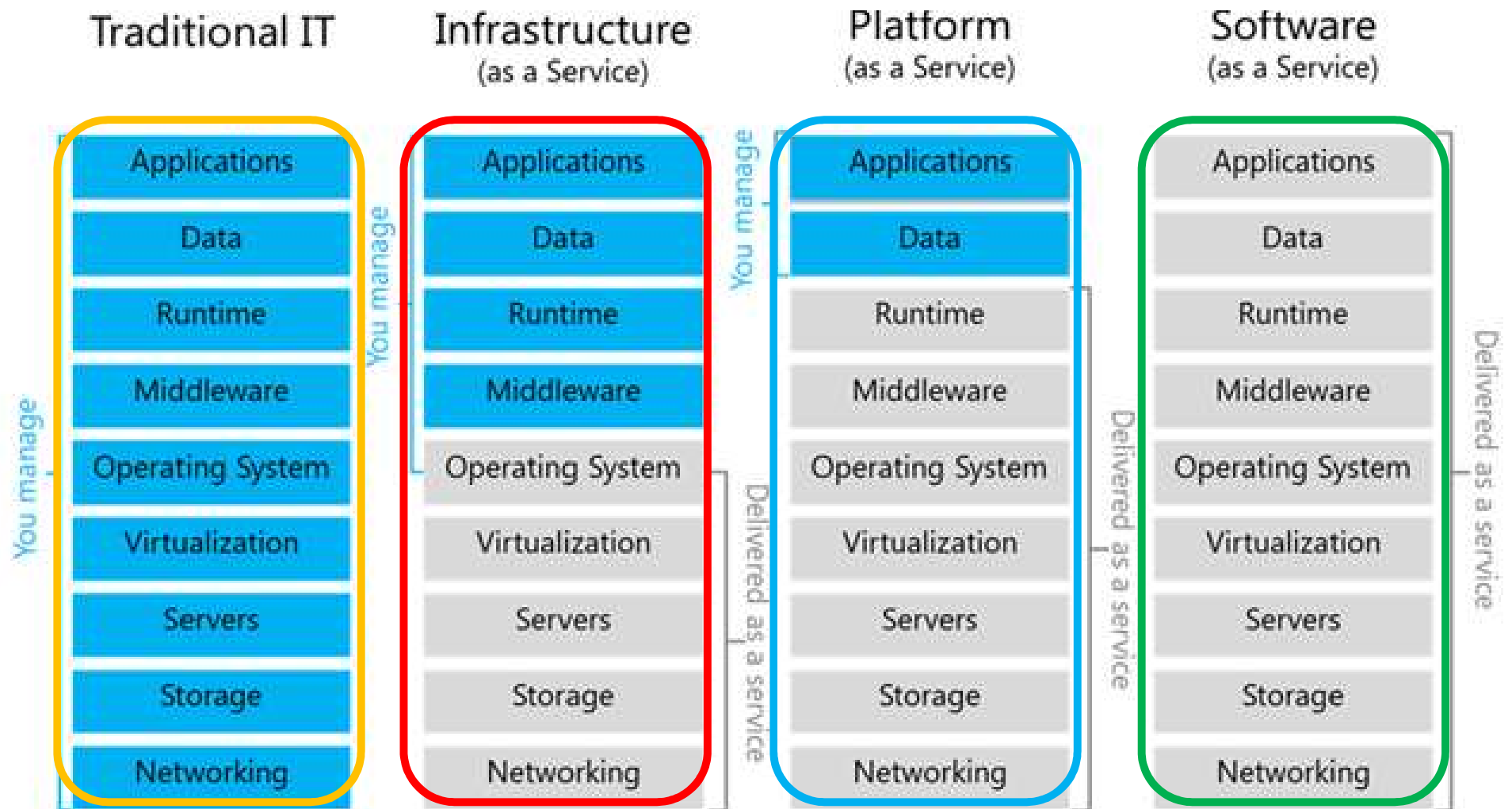


Resources can be rapidly provisioned

Cloud Computing Advantages



Cloud Services Models



Cloud Service Providers

- The Cloud Service is offered by some companies.
- These companies are called Cloud Providers.



What is Azure?

- An ever-expanding set of cloud services
- It provides
 - Software as a service (SaaS),
 - Platform as a service (PaaS) and
 - Infrastructure as a service (IaaS)



- Supports many different programming languages, tools, and frameworks.
- Azure was announced in October 2008 and released on February 1, 2010, as "Windows Azure" before being renamed "Microsoft Azure" on March 25, 2014



Global
Footprint



pay only for what you use



no upfront costs



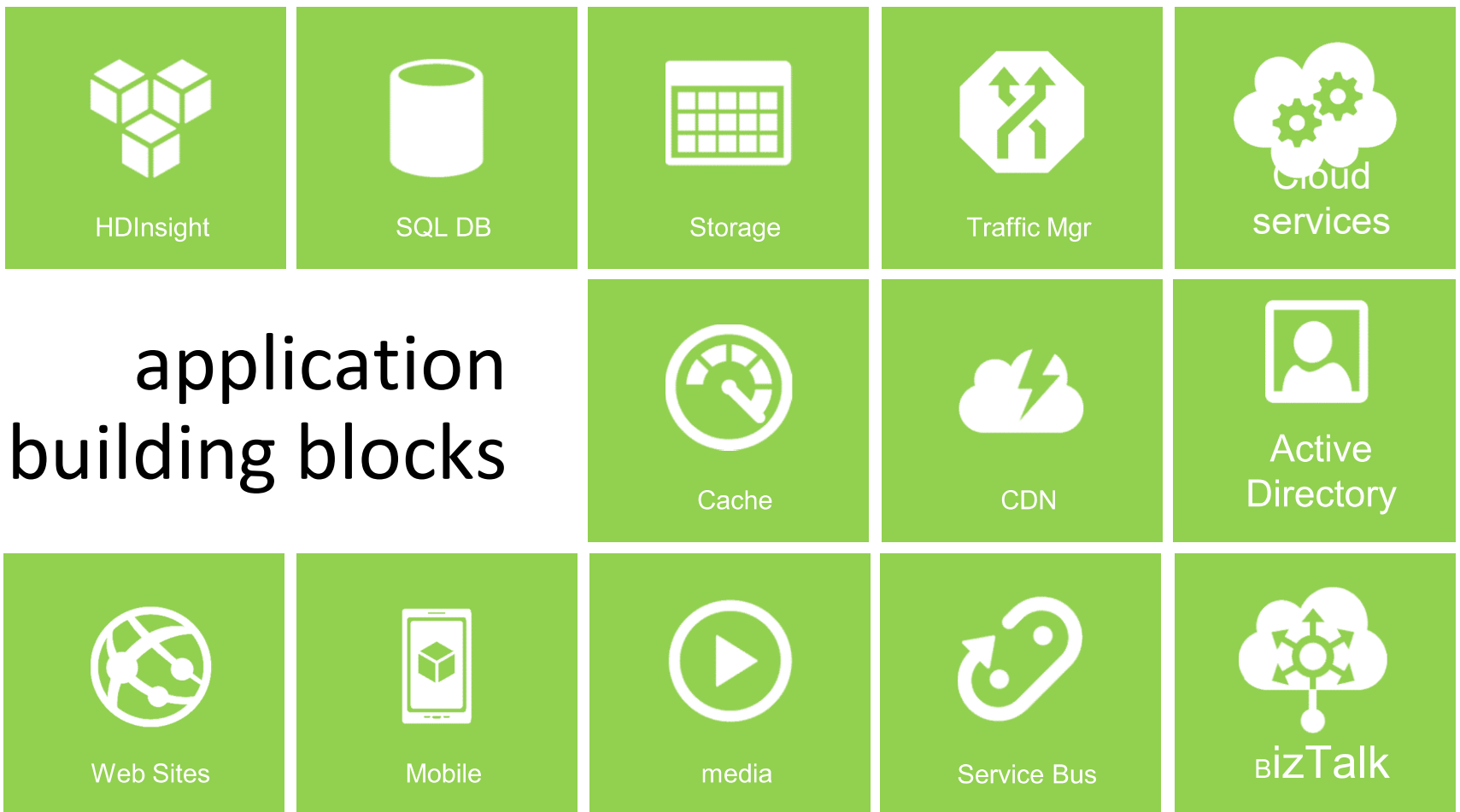
per minute billing



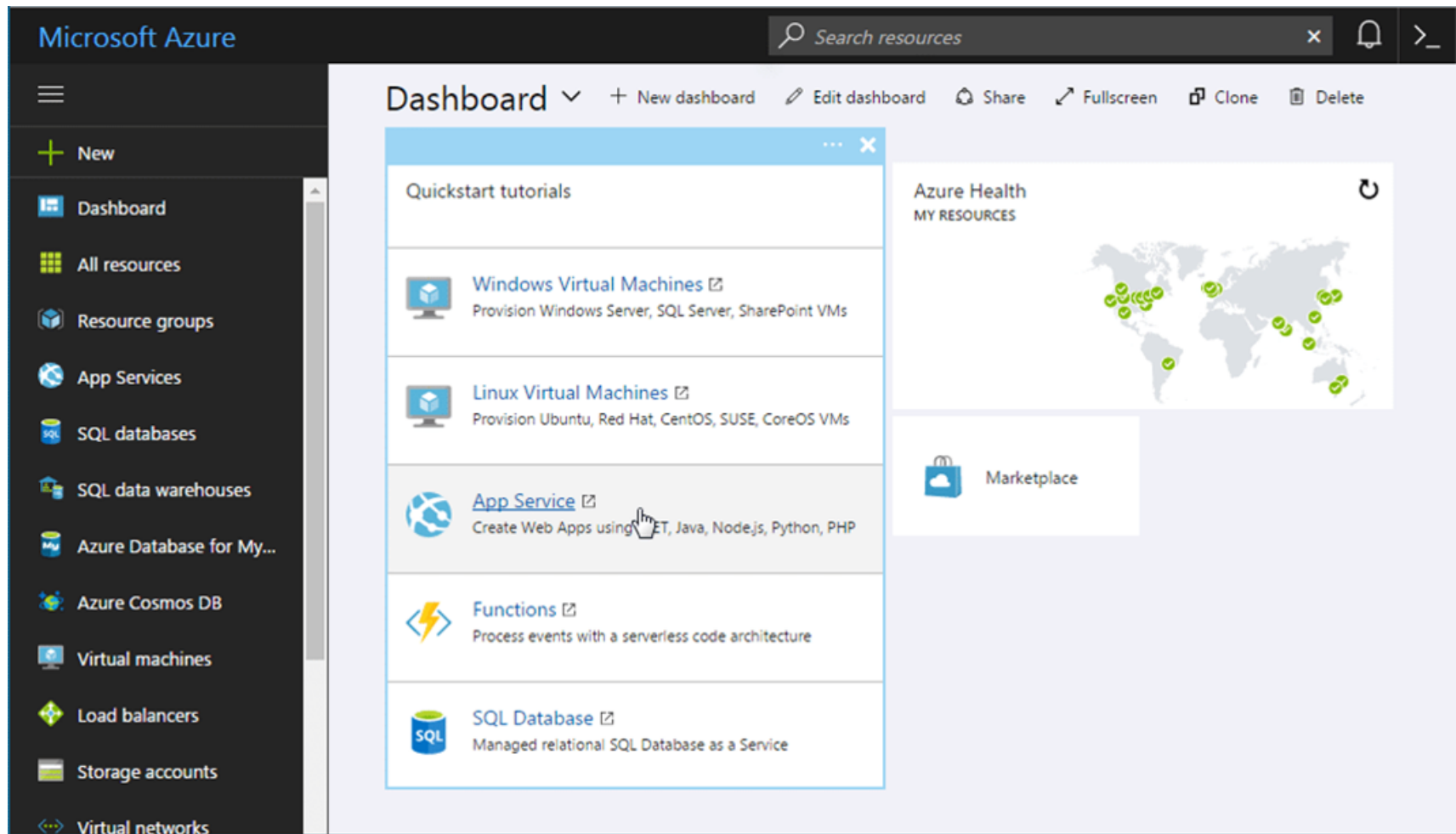
no charge for
stopped VMs



on apps,
not infrastructure



Azure Dashboard



Azure Resources

- On the left side, all the resources are listed.
- These resources can broadly be divided into the following categories:
 - Compute
 - Storage Services
 - Database
 - Networking
 - Developer Tools
 - Management and Monitoring Tools
 - Enterprise Integration
 - Security and Identity
 - Web and Mobile Apps



What can Microsoft Azure Do?

- Virtual machines
- SQL databases
- Azure Active Directory Domain services
- Application services
- Visual Studio team services
- Storage
- And many more....

Monitoring

- Logs
- Alerts
- Query Log - Kusto query language

Thanks