Microsoft Azure Fundamentals
Training Bootcamp

Introduction to Cloud Computing

What is Cloud Computing ?

- Cloud computing is the delivery of computing services – including servers, storage, databases, networking, software, analytics and intelligence – over the Internet ("the cloud") to offer faster innovation, flexible resources and economies of scale (Microsoft)

- Cloud computing really represents renting resources (i.e. CPU, RAM, storage) from a cloud provider (Azure) and only paying for what you use – "*pay-as-you-go*"

Running Applications and Services

- Applications and IT services are typically run on servers, which are comprised of CPU - processor, RAM – memory and storage – HDD, SSD.
  - Email Server, Web server, DBs, FTP server, etc.
- How can you run these services ?
- Either in your company DC – Data Center … or
- You can RENT the compute power and move to Azure

Running Your Apps in Azure Cloud

- With cloud computing, you don't need to make large upfront investments in hardware and spend a lot of time provisioning the hardware
- You provision exactly the right type and size of computing resources you need to power and run your services
- You can run one server or 10s of thousands of servers in minutes, as you need, almost instantly, and only pay for what you use

Stop Guessing - Black Friday Campaign

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Thank you