

# The Benefits of Cloud

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The benefits of the cloud is a summary of reasons why an organization would consider adopting or migrating to utilizing public cloud.

- **Agility**
  - Increase speed and agility
- **Pay-as-you go pricing**
  - Trade capital expense for variable expense
- **Economy of scale**
  - Benefit from massive economies of scale
- **Global Reach**
  - Go global in minutes
- **Security**
- **Reliability**
  - Stop spending money on running and maintaining data centers
- **High Availability**
- **Scalability**
  - Benefit from massive economies of scale
- **Elasticity**

Cloud Architecture  
Missing:

- Fault Tolerance
- Disaster Recovery



The Benefits of Cloud is a reworking and expansion of the Six Advantages of Cloud



# Six Advantages to Cloud

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## 1 Trade capital expense for variable expense

You can **Pay On-Demand** meaning there is no upfront-cost and you pay for only what you consume or pay by the hour, minutes or seconds.

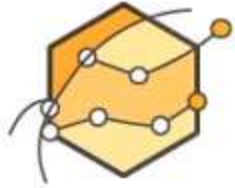
*Instead of paying for upfront costs of data centers and servers*



## 2. Benefit from massive economies of scale

You are **sharing the cost with other customers** to get unbeatable savings.

*Hundreds of thousands of customers utilizing a fraction of a server*



## 3. Stop guessing capacity

**Scale up or down** to meet the current need. Launch and destroy services whenever

*Instead of paying for idle or underutilized servers.*



## 4. Increase speed and agility

**Launch resources within a few clicks in minutes**

*instead of waiting days or weeks of your IT to implement the solution on-premise*



## 5. Stop spending money on running and maintaining data centers

**Focus on your own customers,** developing and configuring your applications

*Instead of operations such as of racking, stacking, and powering servers*



## 6. Go global in minutes

**Deploy your app in multiple regions around the world with a few clicks.**

Provide lower latency and a better experience for your customers at minimal cost.



The Six Advantages of Cloud was AWS original description of Cloud Benefits





# Seven Advantages to Cloud

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- |                |   |
|----------------|---|
| Cost-effective | You <b>pay for what you consume</b> , <b>no up-front cost</b> . On-demand pricing or Pay-as-you-go (PAYG) with thousands of customers sharing the cost of the resources |
| Global         | Launch workloads <b>anywhere in the world</b> , Just choose a region  |
| Secure         | Cloud provider takes care of physical security. <b>Cloud services can be secure by default</b> or you have the ability to configure access down to a granular level.    |
| Reliable       | Data backup, disaster recovery, data replication, and fault tolerance   |
| Scalable       | Increase or decrease resources and services based on demand   |
| Elastic        | <b>Automate</b> scaling during spikes and drop in demand  |
| Current        | The underlying hardware and managed software is patched, upgraded and replaced by the cloud provider without interruption to you.                                       |