

# The Advantages of Cloud computing

Questions	Notes
	<ul style="list-style-type: none"><li>• Go global in minutes: you can deploy you applications around the world at the click of a button</li><li>• stop spending money running and maintaining data centers: you can focus on managing you applications instead of managing hardware</li><li>• benefit from massive economies scale: volume discounts are passed on to you, wich provides lower pay-as-you-go prices</li><li>• increase speed and agility: the provided services allow you to innovate more quickly and deliver you apps more faster.</li><li>• stop guessing capacity : your capacity is mathce exactly to your demand</li><li>• trade capital expense for variable expense:you pay for what you use instead of making huge upfront investments</li></ul>
High availability	Highly available systems are designed to operate continuously without failure for a long time.these systems avoid loss of service by reducing or managing failures
Elasticity	with elasticity , you don't have to plan ahead of time how much capacity you <a href="#">need</a> . <a href="#">you</a> can provision only what you need, and then grow and shrink based on demand.
Agility	the cloud gives you increased agility.all the services you have access to help you innovate faster , giving you speed to market
Durability	durability is all about long-term data protection.this means your data will remain intact without corruption.
capitl expenditures(Cape x)	capital expenditures are upfront purchases toward fixed assets so thing like equipement , property , computers and software are all considered capital expenditures
Operating Expenses (Opex)	operating expenses are funds used to run day-to-day operations so things like research and develepement , employee salaries, rent, and marketing
things to remember for the exam	<ul style="list-style-type: none"><li>• understand the six advantages of cloud computing</li><li>• understand cloud terminology : availability , agility, elasticity;and durability</li></ul>