
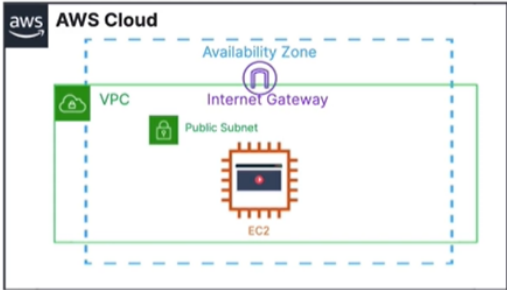


cloud computing and deployment models

Questions	Notes
cloud computing models	<ul style="list-style-type: none">• IAAS• PAAS• SAAS
infrastructure as service	<ul style="list-style-type: none">• Building blocks: fundametal building blocks that can be rented• web hosting: monthly subscription to have a hosting company serve your website• think it also in terms of web hosting
software as a service	<ul style="list-style-type: none">• complete application:using a complete application , on demand , that someone offers to users• Email provider: your personal email that you access through a web browser is SaaS
Platform as a service	<ul style="list-style-type: none">• used by developers : develop software using web-based tools without worrying about the underlying infrastructure• Storefront Website : tools provided to build a storefront application that runs on another company's server
cloud deployment models	<ul style="list-style-type: none">• Private cloud• hybrid cloud• public cloud
Private cloud	<ul style="list-style-type: none">• Also called "on-premises"• exists in your internal data center• doesn't offer the advantges of cloud computing• it doesn't offer any of the 6 advantges of the cloud we're talked about but ihigh level of security and you infrastructure ressources aren't share with other oragnizations using that virtualization that we talked about
public cloud	<ul style="list-style-type: none">• offered by aws• you aren't responsible of the physical hardware• provides all the advantges of cloud computing
Hybrid cloud	<ul style="list-style-type: none">• a combination of both public and private cloud• sample solution for a hybrid solution• highly sensitive data stored locally• web application runs on aws infrastructure• aws provides tools so they talk to each other <div><div><div>Private Cloud</div><div>INTERNAL DATA CENTER</div><div></div></div><div><div>+</div><div></div><div>AWS Direct Connect</div></div><div><div>Public Cloud</div><div>AWS Cloud</div><div></div></div></div>

Résumé

- things to remember when studyin to the exam : know the computing models and know deployment models