Introduction to Cloud Computing

M1:Overview of Cloud Computing

Glossary

Al Artificial intelligence Blockchain An immutable network allowing members to view only those transactions that are relevant to them Broad Network Access Cloud computing resources can be accessed through the network Cloud computing A model for enabling convenient, on-demand network access to a shared pool of configurable computing resources that can be rapidly provisioned and released with minimal management effort or service provider interaction GCP Google Cloud Platform Hypervisor A small software layer that enables multiple operating systems to run alongside each other, sharing the same physical computing resources IDC International Data Corporation IoT Internet of things Measured Service You only pay for what you use or reserve as you go NIST National Institute for Standards and Technology PaaS Platform as a service Pay-As-You-Go Users can order cloud resources from a larger pool of available resources and pay for them on a per-use basis POP Post office protocol Rapid elasticity You can increase or decrease resources as per your demand because of the elastic property of the cloud VM Virtual machine	Term	Definition
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Cloud computing A model for enabling convenient, on-demand network access to a shared pool of configurable computing resources that can be rapidly provisioned and released with minimal management effort or service provider interaction GCP Google Cloud Platform A small software layer that enables multiple operating systems to run alongside each other, sharing the same physical computing resources IDC International Data Corporation IoT Internet of things Measured Service You only pay for what you use or reserve as you go NIST National Institute for Standards and Technology PaaS Platform as a service Pay-As-You-Go Users can order cloud resources from a larger pool of available resources and pay for them on a per-use basis POP Post office protocol Rapid elasticity You can increase or decrease resources as per your demand because of the elastic property of the cloud SaaS Software as a service Utility model of billing You are charged after the usage and at the end of the pre-defined period	Blockchain	
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PaaS Platform as a service Pay-As-You-Go Users can order cloud resources from a larger pool of available resources and pay for them on a per-use basis POP Post office protocol Rapid elasticity You can increase or decrease resources as per your demand because of the elastic property of the cloud SaaS Software as a service Utility model of billing You are charged after the usage and at the end of the pre-defined period	Measured Service	You only pay for what you use or reserve as you go
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Rapid elasticity You can increase or decrease resources as per your demand because of the elastic property of the cloud SaaS Software as a service Utility model of billing You are charged after the usage and at the end of the pre-defined period	Pay-As-You-Go	
SaaS Software as a service Utility model of billing You are charged after the usage and at the end of the pre-defined period	POP	Post office protocol
Utility model of billing You are charged after the usage and at the end of the pre-defined period	Rapid elasticity	
Utility model of billing You are charged after the usage and at the end of the pre-defined period		
	SaaS	Software as a service
VM Virtual machine	Utility model of billing	You are charged after the usage and at the end of the pre-defined period
VM Virtual machine		
	VM	Virtual machine