CLOUD COMPUTING SERVICES COMPARISON

	Amazon AWS	Google AppEngine	Microsoft Azure	IBM Smart Business Dev
focus	Public sector and Educational Institutions	Developing and hosting applications in data center	Public cloud	Private Cloud and Hybrid Cloud
Infrastructure and virtualization architecture	High availability and Low cost	Low cost	High cost and risky	Low cost
Platforms	IAAS	PAAS	IAAS and PAAS	IAAS
Persistent Storage	Elastic cloud storage	MySQL using cloud SQL, object storage using cloud storage.	Azure storage in virtual machines	Virtual disk drivers
Monitoring	Amazon cloud watch	Google cloud	Azure ops and Load balancer	IBM smart cloud
Load Balancing	750 hours of Elastic Load Balancing(ELB)	Google compute engine	Azure load balancer	Elastic load Balancing
Message Queues	Amazon Simple Queue Service provides hosted message queues	Push Queues which are written in java.	Azure Data Queues, Service Bus Queues	Web sphere and Soft Layer Message Queues.
Development Tools	Primary SDKs IDE Toolkits Command Line Tools	Eclipse, Maven	Azure Powershell	IBM Domino Designer
Integration with other services	Dynamo DB	Lot of API'S like maps, contacts , calendar etc.	.Net Services	Sandbox, CRM
Web APIs	Yes	Yes	Yes	Yes
Programming Framework	.Net, Java, PHP	Python, Java, JRuby, Scala , BeanShell	.Net, Java , Ruby, Python, Node	Java, Ruby
Pricing	Machine CPU	$0.14 / hour	$0.10 / hour	$0.12 / hour	$0.10 / hour
	Storage	$0.25 / GB / month	$0.15 / GB / month	$0.15 / GB / month	$0.15 / GB / month
	I/O	$0.01 / 1000 requests	$0.12 / GB / month	$0.01 / 1000 requests	$0.01 / 1000 requests
	Bandwidth	$0.10 / GB	$0.10 / GB	$0.10 / GB	$0.10 / GB

BY,

Goutham Donthu Class ID: 14