

CS551: Cloud Computing Services Comparison

InClassEx (ICE-9)

Oct. 18, 2016

Name/ClassID: Lava kumar (52)

The objective of this work is to compare cloud computing providers in terms of some important aspects.

Compare the major cloud service providers (Amazon, IBM, Microsoft, Google) using

<http://cloud-computing.findthebest.com/compare/5-15-17-24/Amazon-EC2-vs-Google-App-Engine-vs-Microsoft-Windows-Azure-vs-IBM>

	Amazon AWS	Google AppEngine	Microsoft Azure	IBM Smart Business Dev.
focus	Big data Digital	networking Big data Storage	SQL DB VM Back up Cloud services	Commerce, Cloud security Analytics
Infrastructure and virtualization architecture	marketing EC 2/32	database Google Application	Backend runs on windows .NET	VM instance 32 & 64-bit
Platforms	windows & Linux	Not Available	Microsoft Server zoo	Red hat Suse & windows.
Persistent Storage	Not Available	Available	Available	Back storage
Monitoring	Cloud watch	Not Available	management pack	IBM
Load Balancing	Software	Software	DNS	local load balancing global load balancing
Message Queues	SMS	Not Available	Azure data Query	Not Available.
Development Tools	Average mobile SDK	Google web tool kit	visual studio and SDK for .NET	Java plugin for eclipse
Integration with other services	Chess service	maps contant	.NET Service	NOT Available
Web APIs	Speech marked API	Available	Azure API	IBM watson
Programming Framework	Amazon Simple workflow (SWF)	Django wsgi	Drupal symfony	NO
Pricing	Machine CPU	xenon ES520	xenon ES520	xenon ES520
	Storage Bandwidth	5GB	5GB	5GB
	I/O	1GB	1GB	1GB
	Bandwidth Storage	AMS: 168GB-48TB EBS: 1GB-20TB	1GB-64TB	1GB-32TB