|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Amazon AWS | Google AppEngin | Microsoft Azure | IBM Smart Business Dev. |
| focus | | INFRASTUCTURE | PLATFORM | PLATFORM | HYBRID CLOUD |
| Infrastructure and virtualization architecture | | OS LEVEL | WEB APLICATION  NO VIRTUAL MACHINE | WEB AND NON- WEB APPLICATION  HYPER-V VIRTUALIZATION | IBM WEB SPHERE APPLICATION |
| Platforms | | IaaS | PaaS | IaaS + PaaS | IaaS |
| Persistent Storage | | S3, RDS | Post gre SQL | MySQL,MONGO DB | MySQL |
| Monitoring | | AMAZON CLOUD WATCH | GOOGLE CLOUD MONITORING | BATCH POWER SHELL | IBM SMART CLOUD MONITORING |
| Load Balancing | | ELASTIC LOAD BALANCING | ENGINE LOAD BALANCING | AZURE LOAD BALANCER | ELASTIC LOAD BALANCER |
| Message Queues | | SIMPLE QUEUE SERVICE | PULL QUEUES | AZURE QUEUES | WEB MESSAGE QUEUES |
| Development Tools | | AWS | NETBEANS | AZURE COMMAND LINE INTERFACE | IBM WATSON |
| Integration with other services | | DYNAMO DB | APP ENGINE | AZURE CDN | RABBIT MQ |
| Web APIs | | YES | YES | YES | YES |
| Programming Framework | | AMI | PYTHON | MICROSOFT .NET | JAVA |
| Pricing | Machine CPU | FOR S3  NO | $0.10 PER HOUR | $0.12 PER HOUR | $0.10 PER HOUR |
| Storage | $0.055-0.165 PER GB | $0.15 PER GB PER MONTH | $0.15 PER GB PER MONTH | $0.15 PER GB PER MONTH |
| I/O | $0.01-0.011 PER 10,000 READ AND WRITE REQUESTS | $0.10 PER HOUR | $0.01 PER 10000 REQUESTS | $0.01 PER 10000 REQUEST |
| Bandwidth | $0.10 PER GB | $0.10 PER GB-INCOMING TRAFFIC  $0.12 PER GB-OUTGOING TRAFFIC | $0.10 PER GB-INCOMING TRAFFIC  $0.15 PER GB-OUTGOING TRAFFIC | $0.10 PER GB |

Cloud Computing Platforms Comparison

CLASS ID-24 NAME- HARICHARANA KANAMARLAPUDI