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| **Keywords** | **Refers to** |
| **RRS** | **Durability 99.99%** |
| To Decouple application | SWF, SQS |
| WaitinTimeSecond | Long pooling, Short pooling |
| RDS MultiAZ | For Disaster Recovery only |
| You Assign | Role: Meaning you cannot copy a role to paste to another entity, you have to assign the role |
| Static content / Asset website | S3 |
| **Logging access** Information of AWS services for **compliance** | CloudTrail |
| Petabyte level storage Engine, OLAP | RedShift |
| Durable, scalable, and highly available data store | DynamoDB |
| NoSQL | DynamoDB |
| Fully Managed Databases | DynamoDB, RedShift, RDS |
| Migrating your databases to AWS | AWS Database Migration Service |
| Deploy, operate, and scale in-memory cache based on memcached or Redis in the cloud | Amazon ElastiCache |
| Data warehousing | Redshift |
| Low inter-node Latency, High Network Throughput | Placement Groups |
| Need high-performance networking capabilities on EC2 | Enable enhanced networking |
| PHP, Java, Python, Ruby, C# | SDK programming languages |
| Version Control your Infrastructure | CloudFormation Template |
| Massive Parallel Computations | Spot Instances |
| Improve Application Throughput | Spot Instances |
| Read Replica | MySQL, MariaDB, PostgreSQL |
| Share Responsability | Customers not responsible for Edge Location |
| Secure cryptographic key storage | Cloud HSM |
| Testing new software | Use weighted routing policy to direct traffic |
| Total Requests, Latency, Error Rates | AWS Lambda Metrics |
| Amazon RDS, Amazon ElastiCache, Amazon DynamoDB | Stateless web servers |
| High taxing queries | ElastiCache |
| Ephemeral data | Instance store volume |
| Key value store | DynamoDB |
| Minimal version of an environment is always running in the cloud | Pilot Light |
| Paying Account and linked account | Consolidated billing |
| Jump Server in public network | Bastion host |
| ELB and CloudFront offer SSL/TLS cipher suites | Perfect Forward Secrecy (PFS) |
| Security Logs | AWS CloudTrail |
| US ITAR regulations using AWS GovCloud | Isolated GovCloud |
| Get data records from Amazon Kinesis  Amazon Kinesis stream Application | Consumer |
| Store session data for web application | AWS ElastiCache |