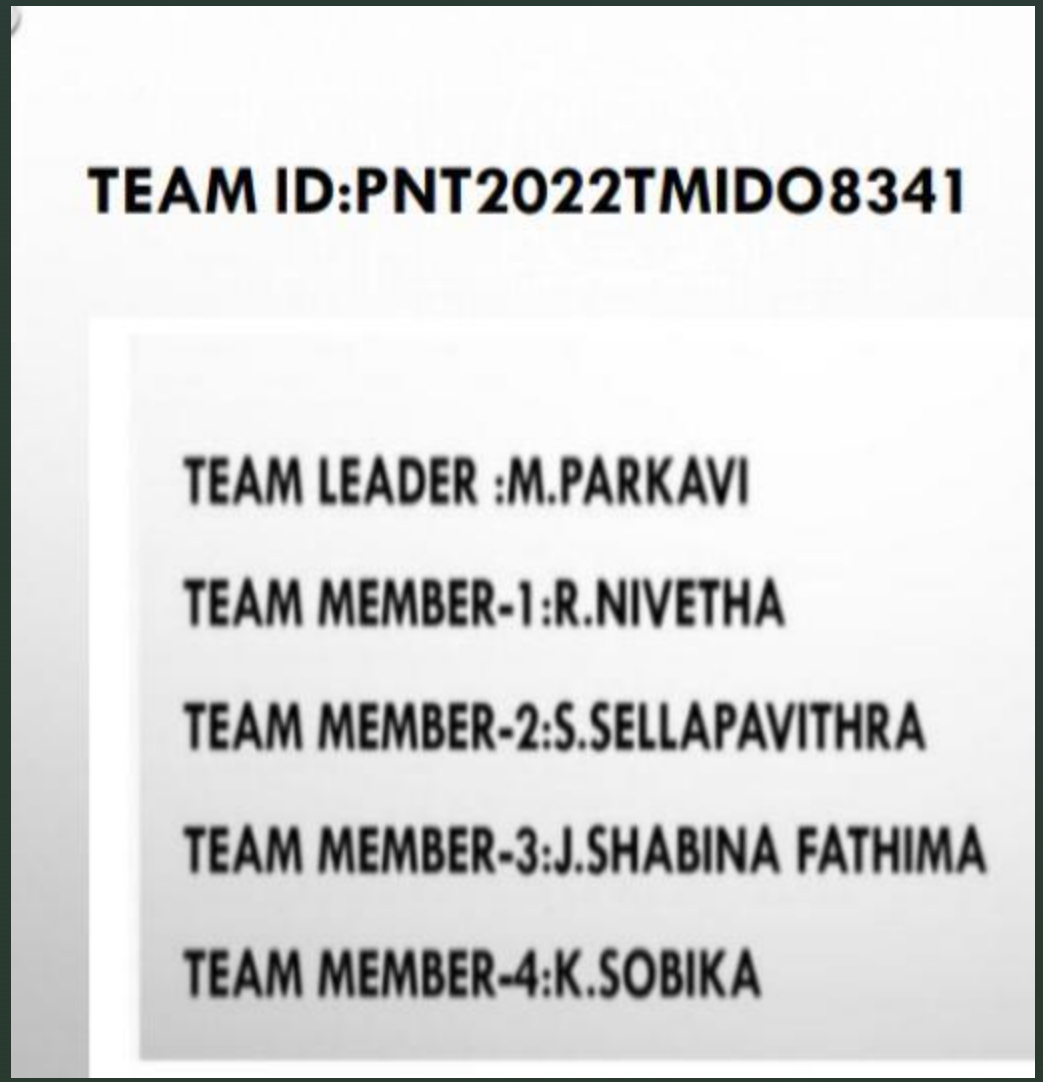
PREREQUISITIES

IBM CLOUD SERVICES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IBM CLOUD SERVICES

IBM actually has a larger share of the infrastructure as a service (IaaS) and platform as a service (PaaS) market than Google. Other analyses place it solidly in fourth place behind the “big three.” Either way, IBM is one of the largest cloud computing providers on the planet.

Cloud Storage And Backup Benefits

Protecting your company's data is critical. Cloud storage with automated backup is scalable, flexible and provides peace of mind. Cobalt Iron's enterprise-grade backup and recovery solution is known for its hands-free automation and reliability, at a lower cost. Cloud backup that just works.

IBM Cloud Services

Because IBM seems to be focusing more attention on Bluemix than SoftLayer, this list will cover its Bluemix offerings rather than those available through SoftLayer. The company divides its Bluemix Services into twelve categories:

- Compute Infrastructure — includes its bare metal servers (single-tenant servers that are highly customizable), virtual servers, GPU computing, POWER servers (based on IBM's POWER architecture) and server software

- Compute Services — includes OpenWhisk serverless computing, containers and Cloud Foundry runtimes
- Storage — includes object, block and file storage, as well as server-backup capabilities

- Network — includes load balancing, Direct Link private secure connections, network appliances, content delivery network and domain services
- Mobile — includes IBM's Swift tools for creating iOS apps, its MobileFirst Starter package for getting a mobile app up and running, and its Mobile Foundation app back-end services

- Data and analytics — includes data services, analytics services, big data hosting, Cloudera hosting, MongoDB hosting and Riak hosting
- Internet of Things — includes IBM's IoT platform and its IoT starter packages

Security — includes tools for securing cloud environments, such as a firewall, hardware security modules (physical devices with key management capabilities), Intel Trusted Execution Technology, security software and SSL certificates

•DevOps — includes the Eclipse IDE, continuous delivery tools and availability monitoring

- Application services — includes Blockchain, Message hub and business rules, among others
- Integration — includes tools for building virtual bridges for hybrid cloud and multi-cloud environments, such as API Connect and Secure Gateway