**Cloud Brain:**

**CloudBrain** is the tool which allows us to manage multiple clouds or infrastructure from a single location.

**CloudBrain is an application for enterprises with multi-cloud environments**.

**Topics:**

* Topics that we would be covering are Business need and the proposed solution by click2cloud.
* Benefits of the solution.
* Features of CloudBrain
* Architecture for Telefonica provider
* How our solution works.
* Services developed by click2cloud
* Actual Demonstration with Telefonica Cloud

**Business Need:** As an Administrator people need to manage lot of cloud accounts there were no such solutions available to manage all the cloud accounts from a single platform and thus people were unable to manage today's diverse, heterogeneous environments.

**Solution Provided: CloudBrain** is a CMP that can automatically discover VM environments wherever they are running and bring them all under one management roof.

**Benefits of CloudBrain:**

* **Inventory**. Understanding what is there, even for different environments (i.e more than one OpenStack)
* **Automation**. You can automatically trigger provisioning workflows (i.e. integrating with Foreman, Ansible, etc)
* **Compliance**. Being able to create policies and enforce them.
* **Self-service**. Not just creating an instance, but a full solution, orchestrating between different components. Like HEAT templates, but more focused on the end user.
* **Reporting**. Generating reports, dashboard and chargeback for different users.
* **Optimization**: By looking at the reports present on the dashboard page you can decide and optimize the resources which are not in use.
* One Roof Solution : Once added the cloud account details, it fetches all data.

**Features of CloudBrain:**

* Multi-Cloud Management
* Performance Analysis
* Application Containerization
* Access Control
* Migration, Cloud Analytics , Billing and Provisioning, Real Time Data