



ManageIQ-Telefonica



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USA.

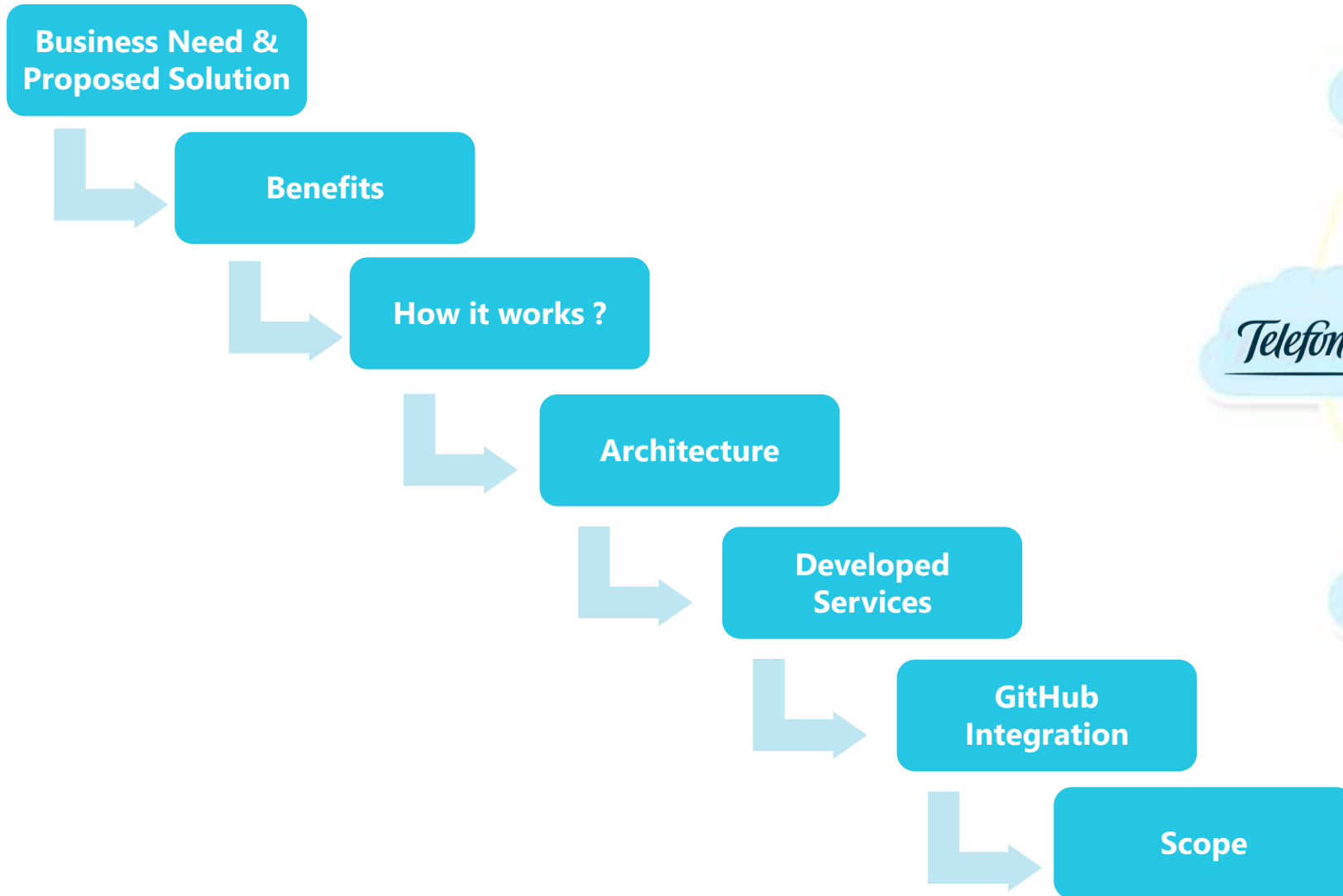


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Agenda



Business Need & Proposed Solution

Business Need

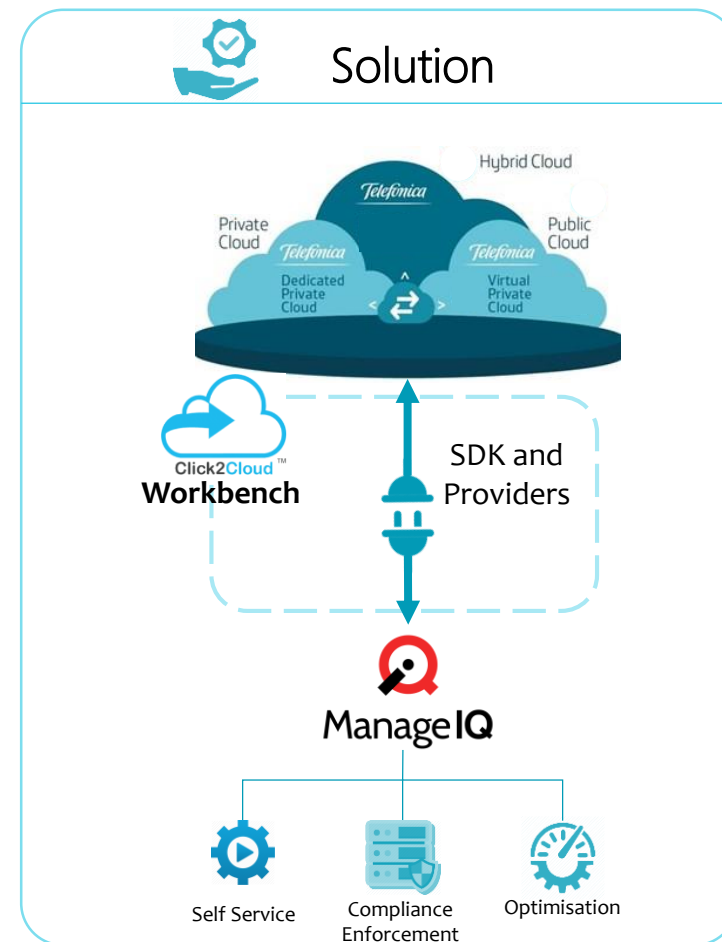
- People were unable to manage today's diverse, heterogeneous environments of multiple clouds spread out all over the world.



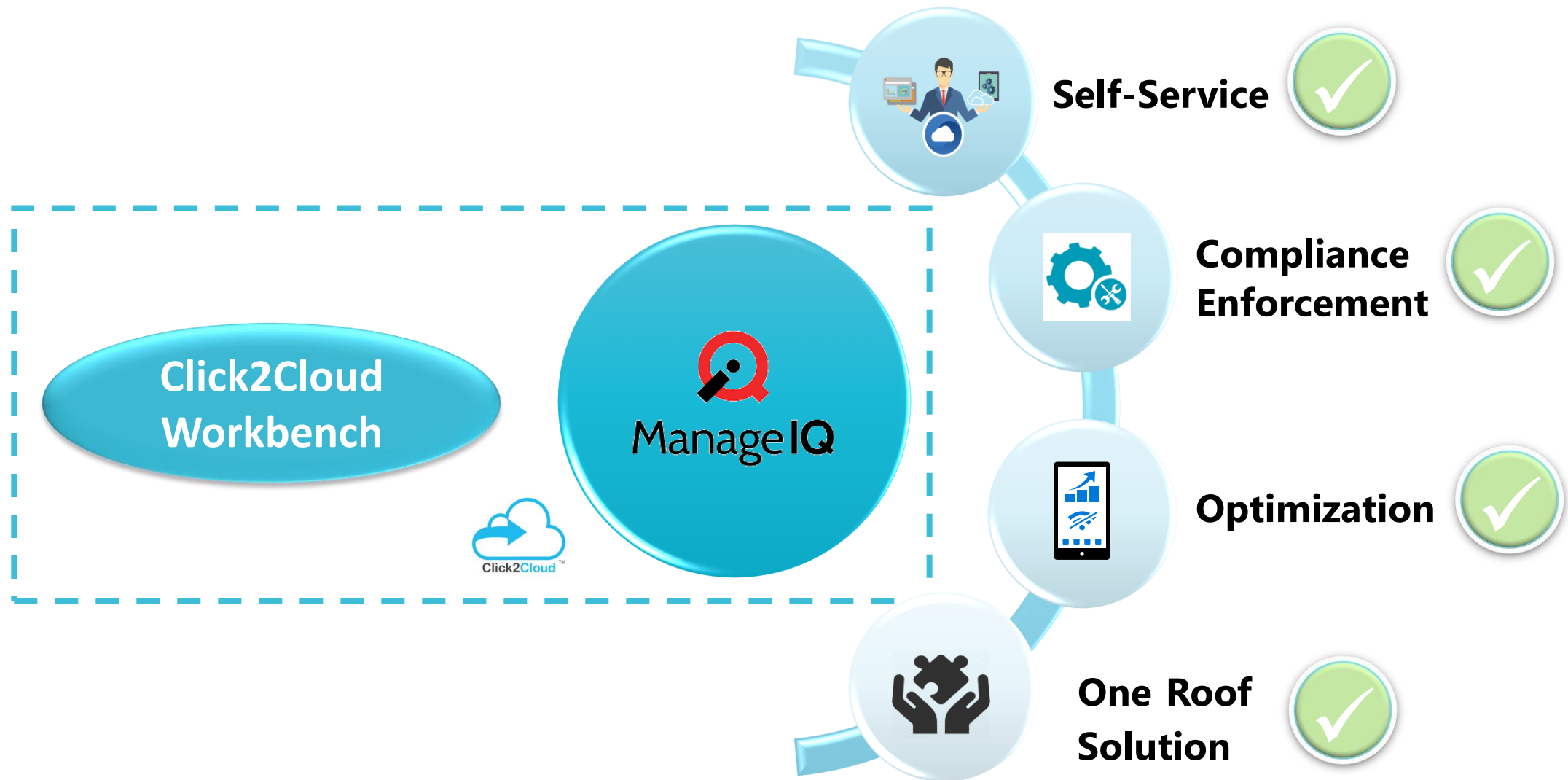
Administrator

Proposed Solution

- ManageIQ is a multi CMP that can automatically discover VM environments wherever they are running and bring them all under one management roof.

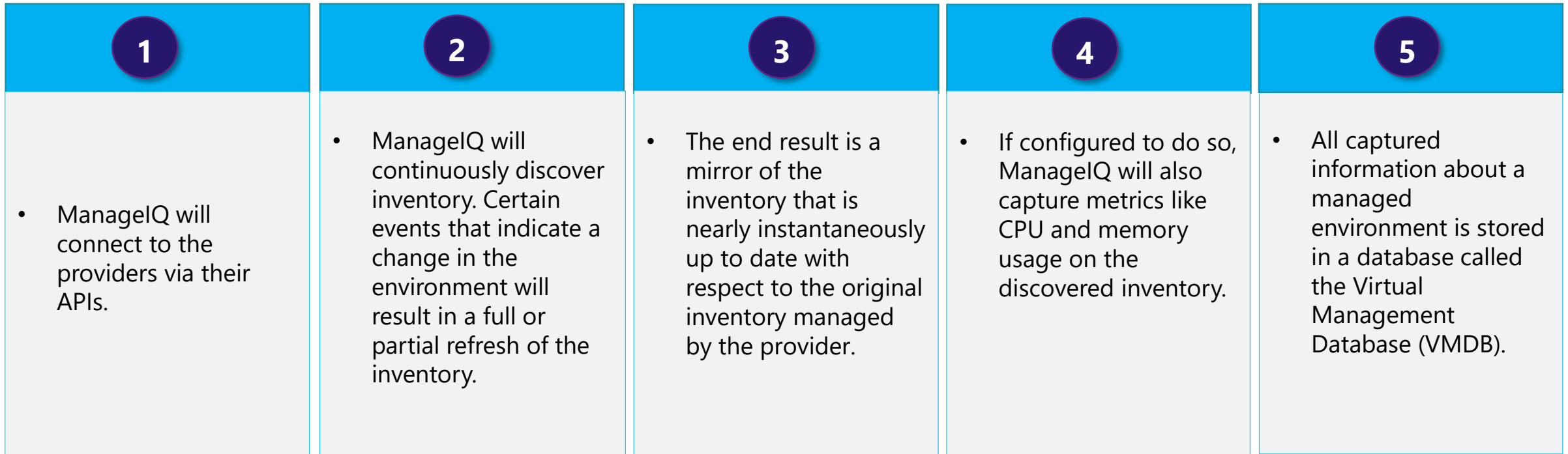


Benefits

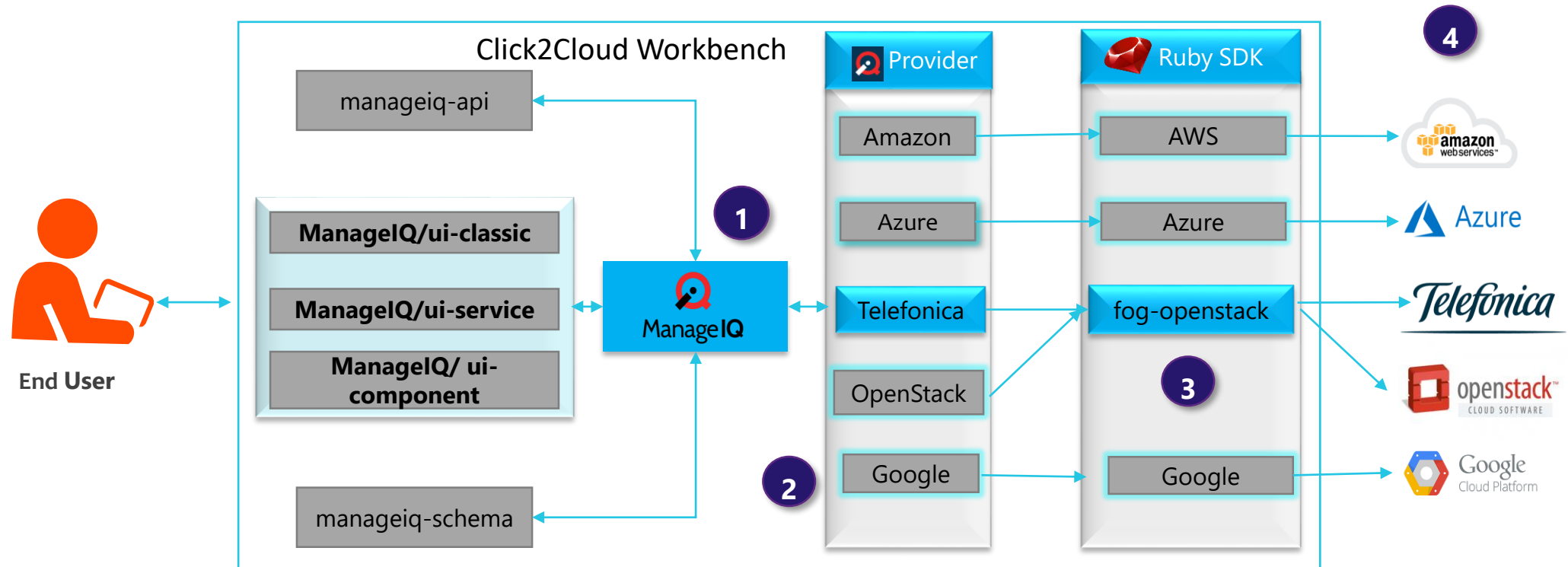


How it works ?

ManagelQ is a manager of managers and as such it needs to connect to other management systems to function. These other management systems are called providers in ManagelQ parlance.



Architecture



1

2

3

4

ui-classic, ui-service, ui-component are the ManageIQ's centralized repositories.

Telefonica provider establishes the connection with Ruby SDK. It acts as an interface between ManageIQ and Ruby SDK.

Fog-OpenStack is a Ruby SDK which communicates with Telefonica cloud APIs.

All the operation performed through ManageIQ will reflect on Telefonica cloud.

Developed Services



Compute

- Provision VM
- Delete VM
- Update VM flavor
- List the flavor
- Get VM information
- Start VM/Stop VM
- Restart VM
- List the images
- Attach a disk to an instance
- Detach a disk from an instance
- Get disk list of a VM



Network

- Create a VPC
- Delete a VPC
- Update a VPC
- Get the VPC information
- Create a Subnet
- Delete a Subnet
- Update the subnet information
- Get the subnet
- Create, Delete, List EIP, Get EIP information
- Create, Delete, Update, List the security group



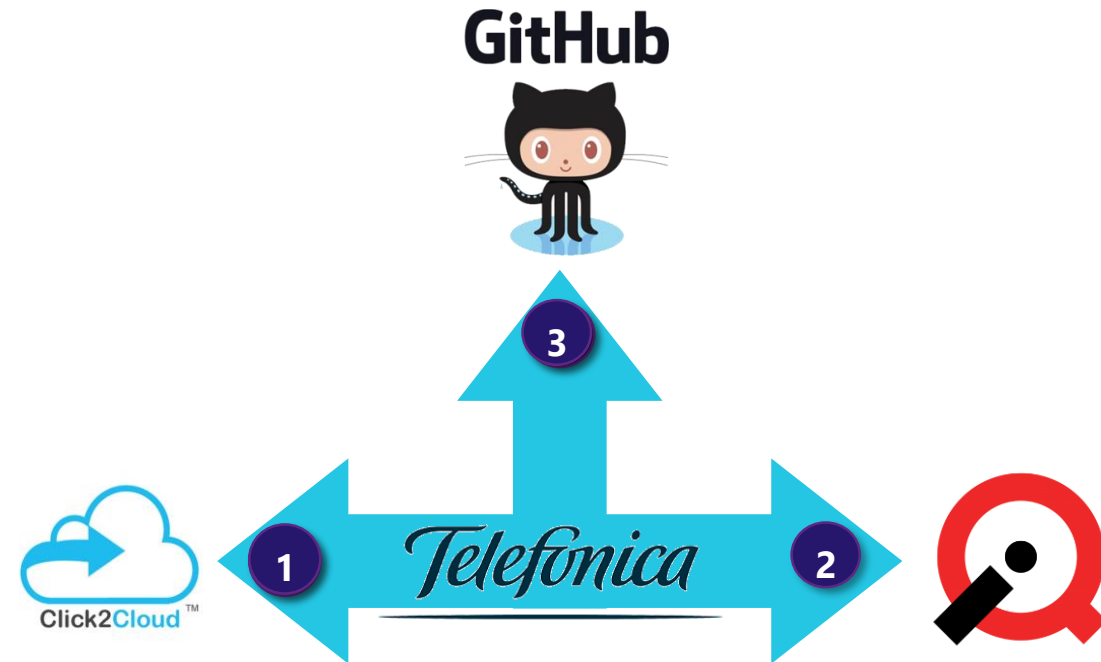
Storage

- Create a disk
- Delete a disk
- Get the disk information
- List all disks
- Create a snapshot from a disk
- Delete the snapshot
- List the snapshot
- Get the snapshot information

GitHub Integration

Below are the ManagelQ official repositories where we will merge our developed code.

- **ManagelQ/manageiq**
- **ManagelQ/ui-classic**
- **ManagelQ/schema**
- **ManagelQ/providers-Telefonica**



Click2Cloud Official GitHub Repository

manageiq-schema

Forked from ManageIQ/manageiq-schema

SQL schema and database migrations for ManageIQ

● Ruby 84 Apache-2.0 Updated 7 days ago



<https://github.com/Click2Cloud/manageiq-schema>

manageiq

Forked from ManageIQ/manageiq

ManageIQ Open-Source Management Platform

● Ruby 660 Updated 2 days ago



<https://github.com/Click2Cloud/manageiq>

<https://github.com/Click2Cloud/manageiq-ui-classic>

manageiq-ui-classic

Forked from ManageIQ/manageiq-ui-classic

Classic UI of ManageIQ

● Ruby 253 Updated 5 days ago



<https://github.com/Click2Cloud/manageiq-providers-telefonica.git>

manageiq-providers-telefonica

● Ruby 2 Updated 19 hours ago



Features – Extended Phase 1

Suggested by Zhonghua

- Update Meta-Data of a VM
- Lock a VM
- Unlock a VM
- Create a Port
- Delete a Port
- Update a Port

Scope – Features in Phase 2



Storage
Object Storage

Control
Explorer
Simulation
Import/Export
Log

Automation
Ansible
Ansible Tower
Automate

Optimize
Utilization
Planning
Bottleneck

Network
Load Balancer

Compute
Containers
Migration

Thank you - Looking forward to hear your quires

At Click2Cloud Inc., we care about your growth. We combine the most suitable technologies with intellect and expertise to help customers meet their swiftly changing needs of global business models and dynamic requirements for sophisticated technology solutions to meet their business requirements.



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