

NFV: FreeSwitch in Virtual Environment

Objective

Calsoft was engaged with the customer to provide VoIP capabilities in virtual / cloud environment

Solution

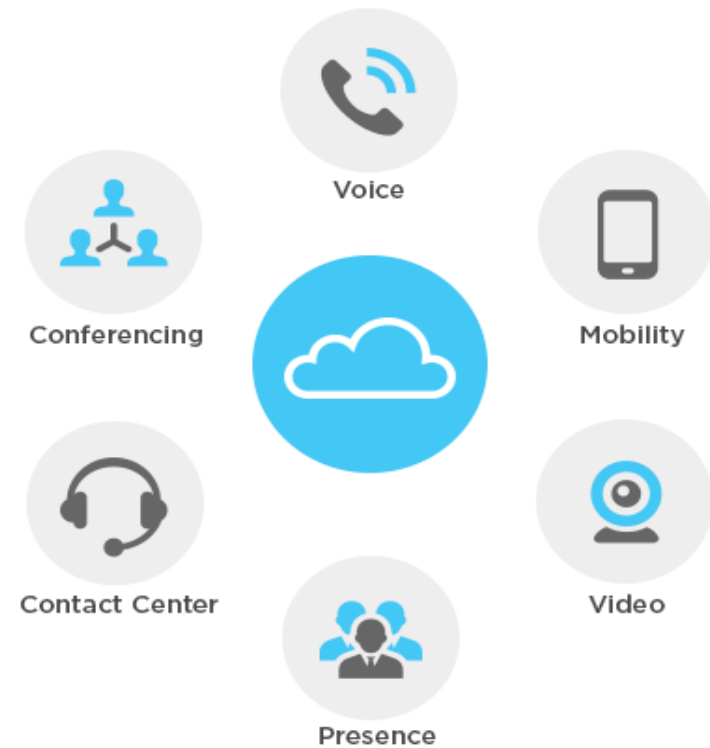
- ❑ FreeSwitch version 1.6.15 is used on Ubuntu 14.04 VM
- ❑ Deploying WebRTC to let the users use their browsers as VoIP clients;
- ❑ Setting up a static IVR;
- ❑ Programming the server to look up some databases before connecting a call;
- ❑ Queues, call centres, virtual assistants, etc.

Calsoft's contribution

- ❑ Cloud image based on Ubuntu 14.04 with FreeSwitch.
- ❑ Ubuntu OS image is fully optimized to achieve highest throughput performance.
- ❑ Tested with various open source VoIP clients.

Technology

- ❑ OS – Linux
- ❑ Language – C, SQL
- ❑ Tools – FreeSwitch



Benefits

- ❑ Cost Savings
- ❑ Easy Implementation
- ❑ Minimum Downtime
- ❑ Scalability
- ❑ Wide Coverage