Rapid SaaSification of an Eminent CDM Application on AWS

Corent

OpenClinica is an open-source clinical data management (CDM) application that is used to create studies and electronic case report forms as well as capture and manage clinical data.
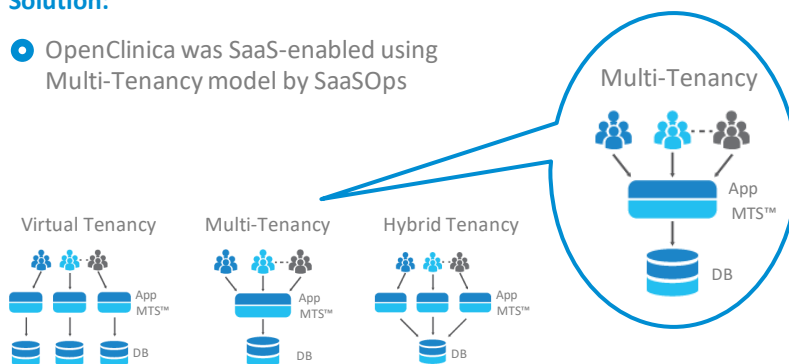
It delivers several features such as normalization & validation of clinical data, query management, role-based security, administrative tools, reporting, secure data sharing, automated and manual data interchange, etc.

Challenges:

- Transforming the single-tenant application to handle multiple tenants (hospitals)
- Building a licensing model for the application
- Monitoring and metering customers' application consumption based on usage
- Managing and maintaining the application's lifecycle is difficult

Solution:

- OpenClinica was SaaS-enabled using Multi-Tenancy model by SaaSOps

Virtual Tenancy   Multi-Tenancy   Hybrid Tenancy   Multi-Tenancy

BENEFITS:

- ✓ Scalable and profitable SaaS business
- ✓ Faster onboarding of new customers
- ✓ Reduced customer deployment times and time-to-value
- ✓ No engineering cost to move to fully instrumented SaaS
- ✓ Higher quality offerings at lower costs

OpenClinica

Corent delivered an eminent CDM application as a fully instrumented SaaS on AWS Cloud

Project Overview:

The application was set up in a single server. It is a Java-based application and utilizes PostgreSQL database.

OpenClinica Application   PostgreSQL Database

Result:

With SaaSOps, OpenClinica was successfully converted into a fully automated SaaS solution available on AWS Cloud. It was achieved in a matter of a few days with the subscription management and usage monitoring capabilities plugged into the SaaSified application.

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