

Open Stack based Private cloud deployment

Exec. Summary: Setup Open stack based private cloud and overlay with Container orchestration platform

Every organization is going through digital transformation and rationalizing their IT strategy to enable their core business strategy.

This is even more pronounced with IT being central to Digital economy and expecting to reduce "Time to Market".

"Containerization" is becoming core to "microservice" architecture and DevOps strategy.

Giniminds helped in design and deployment of 15 nodes pure Open Stack (triple-O deployment) based Private cloud.

On top of open stack private cloud, Open shift platform was design and deployed to address container orchestration.

The client team was provided necessary knowledge transfer including crash course on managing open source deployment.

The business benefits derived by the organization are as follows

- **Cost Optimization (around 30% over 3 years) leveraging open source technology.**
- **Embrace Open source technology**
- **Container orchestration platform to assist microservice based architecture and DevOps strategy.**
- **Talent enablement**
- **Reduced "Time to Market" (from Weeks to Day/hours)**

Key Facts

WHO: Non-banking Financial company

CHALLENGES: Reduce "Time to Market" and modernize application architecture.

SOLUTION: Giniminds assisted the organization with deployment of Open source based private cloud and container Orchestration Platform.

BENEFITS:

- 1) **Cost Optimization (around 30% over 3 years) with use of Open source Technology.**
- 2) **Container Orchestration Platform**
- 3) **Talent Enablement**
- 4) **Business benefit with reduced "Time to Market" (from Weeks to Day/hours)**