



Hitachi India R&D

Hitachi India R&D deals in conducting research and development for the realization of social innovation

Project Objective

Hitachi India R&D wants to have a private cloud like setup apart from their on-premises hardware to test their under-development application for their internal projects. All the workloads will be based on open-source technologies and will be accessed by users within their organisation as well as from partner side developers.

Project Benefits

Hitachi systems microclinic has helped Hitachi India R&D in setting-up their co-creation environment by logically separating their different project loads and only allowing access to dedicated project members.

For adding the layer of security MFA, SSL Tunnel, Encryption on data at rest & in transit both and Active Directory has been implemented.

Considering the scope of work this infra deployment has been deployed in very quick time and made ready to use.

Benefits

Agility and Speed | Lower Total Cost of Ownership | Cost Savings | Scalability and Flexibility | Security | Monitoring | Control over infra

Project Overview

Setting up hybrid cloud environment to host their open source application developed in house and only make it accessible from their on-premises network. The workload will run on on-demand basis to perform R&D activities.

Project Challenges

The client wants to have the highest layer of security for this setup and want to restrict the access only through VPN network. Apart from security client also wants control over monitoring of resources used in cloud.

Services Provisioned

- Elastic Compute Cloud (EC2)
- VPC
- Transit Gateway
- AWS Managed Active Directory
- Elastic Load Balancer
- Web Application Firewall
- Cloud watch
- Client to site VPN
- Elastic Block Storage
- AWS S3 Storage
- AWS Guard Duty

Value Addition

- **Agility and Speed:** With AWS, you can provision new infrastructure in minutes, compared to waiting weeks or months to procure and deploy traditional infrastructure.
- **Lower Total Cost of Ownership:** You benefit from the economies of scale and efficiencies provided by AWS and pay only for the compute, storage, and other resources you use.
- **Cost Savings:** You can shut down your non-production environments when you are not using them and save costs.
- **Flexibility and Scalability:** There are number of services used in project which are scalable and flexible in pricing. Which includes Compute, Storage, Security, Monitoring, Network.

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Hitachi Systems Micro Clinic

Hitachi Systems Micro Clinic is an End-to End IT Services & Solutions provider that helps businesses to meet today's challenging & complex IT requirements by offering High End Solutions such as End User Computing, Server Backup & Storage, Virtualization, Networking, Security, Cloud Platforms and High-End Services such as Managed IT Services, Data Center Services, Professional Security Services, Application Services, Cloud Services.

Fueled by Hitachi Group SOCIAL INNOVATION—IT's OUR FUTURE, Hitachi Systems Micro Clinic rapid growth over the years is a testament to the endless possibilities that our clients experience every day with us. Building with 25 years of experience, we offer real value to organizations through our domain expertise & IT solutions with proven track record in the field of IT Integration and world-class service. It's how we keep you moving forward.

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