



## JABATAN METEOROLOGI MALAYSIA (JMM) : CLOUD INFRASTRUCTURE FOR JMM TRAINING FACILITIES

### Overview

- Vertical / Sector:  
Government
- User Profile:  
Jabatan Meteorologi Malaysia (JMM)

### Problem Statement

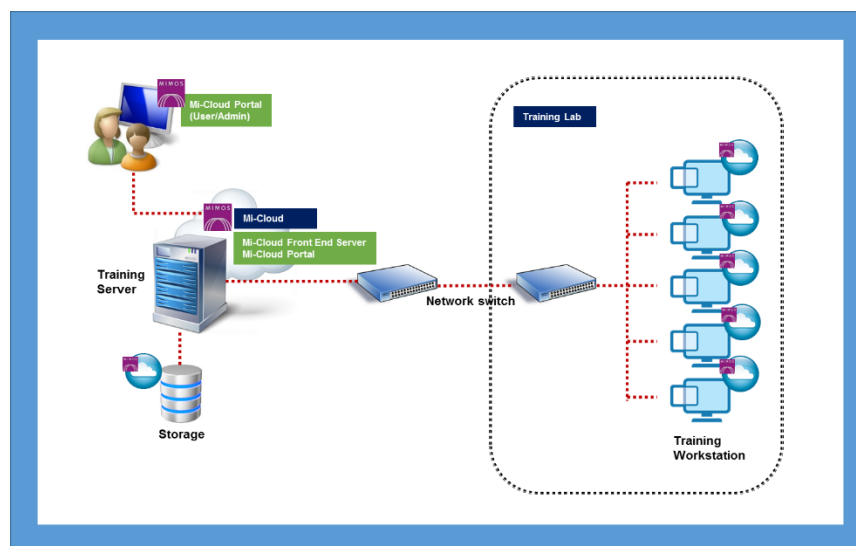
JMM faced critical challenges in:

- Optimized Resources – managing the available resources to meet the JMM users demand requirements for training activities
- Infrastructure Investment – reduce capital and IT expenses while boosting efficiency and agility for the organization.

### Description

Cloud Infrastructure Platform manages the virtualization of physical hardware at Jabatan Meteorologi Malaysia (JMM) training facilities. The system provides comprehensive management modules to manage computing resources including Virtual Machines (VM), hardware, software, servers, storage and other infrastructure components at environment that can handle tasks including system maintenance, backup and resiliency planning and highly scalable to cater for on-demand workloads that are temporary, experimental or change unexpectedly. It also provides security over the cloud, monitoring and protection of the integrity of the virtual resources.

### Solution Framework



### Technology platform

- Cloud Infrastructure Platform (Mi-Cloud)

### Solution Description

With the adoption of MIMOS technologies, the cloud infrastructure services offers automation of administrative tasks, dynamic scaling, desktop virtualization and policy-based services. The cloud health is monitored via cloud health analytics that can be accessed using Mi-Cloud Web portal.

### Features

- Open and neutral architecture
- Comprehensive management module
- Total service orchestration suite
- Hardware agnostics

### Benefits

- Elasticity – Flexibility to scale up and down the computers resources based on demand requirements.
- Cost Effective – Eliminates the need for massive investments in local infrastructure via cost effective licensing.



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