

### Customer Background

The Ministry of Health (Malay: Kementerian Kesihatan), abbreviated MOH, is a ministry of the Government of Malaysia that is responsible for health system, health behavior, cancer, public health, health management, medical research, health systems research, respiratory medicine, health promotion, healthcare tourism, medical device, blood collection, leprosy control, clinical research, health care, dental care, health institution, laboratory, pharmaceutical, patient safety and so on.

### Business Pain-Points

New Applications are added, and the old server couldn't handle the resources, purchasing new physical server is required and as a result, cost of expansion will be increased. There are 12 sites that need to do the deployment and MOH wants to centralize the management of all 12 sites into one single management console. Additionally, the old server infrastructure's design failed to meet the latest reliability standard, so it lacks high availability. MOH wants to have flexible solution of future expansion for the storage. Finally, backup storage is required to store data outside of the production server.

### Benefits of Sangfor aCloud Solution

1. Use hyper-converged infrastructure to centrally manage applications with one single console
2. Provide N+1 design for each location. Total deployed 12 site.
3. Allow hot swap storage in future and support flexible expansion of hardware with different specifications
4. Can be integrated with external storage
5. Instant recovery of VM within 3 minutes

### Executive Summary

- Customer: Ministry of Health
- Industry: Government
- Location: Malaysia



### Challenges

- Traditional 3-tier architecture unable to handle resource
- Lack of centralized management
- Lack of reliability
- Lack of expansion flexibility
- Need to integrate with external storage



### Sangfor Solutions

- Sangfor aCloud