

Customer Background

Dinas Komunikasi dan Informatika Daerah Istimewa Yogyakarta (DIY) is one of the government institutions that manage all the things related to IT in the Yogyakarta Province. Diskominfo DIY helps the governor of Yogya Province in the IT field. The Institution is established according to Law No.23 Year 2014 about Regional Government and Government Regulation No.18 Year 2016 concerning Regional Devices which mandate every regional government to carry out compulsory government affairs that are related to basic services, including communication and informatics, statistic, and coding.

Business Pain-Points

All of the Yogyakarta Provincial institutions' applications are placed in the Diskominfo DIY Data Center. There are currently 120 virtual machines in DIY Data Center and the number increasing. This condition makes it mandatory for Diskominfo DIY to have a Disaster Recovery Center. Their DR is placed in the collocation placed in Batam. In the existing Diskomifo DIY Data Center and DRC they used a 3-Tier Traditional Architecture using VMware. They used existing Cisco UCS Blade System with 6 nodes of servers and more than 5 physical servers in the DC. In the DRC they have also 1 UCS Blade server System with 6 nodes of servers. Therefore, their demands are:

- Data should be replicated to DRC within 1 Day (there are 120vms)
- Integrate with existing solutions
- Improve SLA and user satisfaction
- Easy to manage, maintain, and flexible to move between DC and DRC and vice versa

Executive Summary

- Customer: Diskominfo DIY
- Industry: Government
- Location: Indonesia



Challenges

- Data should be replicated to DRC within 1 Day (there are 120vms)
- Integrate with existing solutions
- Single pane of monitoring for DC and DR



Sangfor Solutions

- Sangfor aCloud

Customer Success Story

- Start from small size, easy and flexible to expand
- Single pane of monitoring for DC and DR
- DC and DR should be protected in both sites from any harmful traffic
- Users should be able to connect to both DC and DR using secure tunnel link

Sangfor Solution

1. Propose six x86 servers-aServer 2205 to build one cluster for DRC. Maximum can be extended up to 64 servers in one cluster
2. Sangfor aCloud's built-in backup can make offsite backup with RPO of 1 hour
3. Integrate existing VMware in DC with 6 nodes of aCloud platform in DRC so customer can manage VM in vCenter on Sangfor aCMP
4. Offsite backup of all VMs in DC to Sangfor aCloud cluster in DRC

