



Customer Case Study

Nigerian Government Agency Builds DR with HyperBDR to Safeguard Its Systems

How a government department running on aging hardware and an unreliable power grid moved its disaster recovery to Huawei Cloud — and cut its DR total cost of ownership in half.

15-minute recovery for 8TB

100% automation

50% lower TCO

THE CHALLENGE

An unstable power supply, aging physical equipment, limited bandwidth and system disks larger than 4TB.

THE SOLUTION

HyperBDR cloud-native disaster recovery on Huawei Cloud, with Boot in Cloud orchestration and no pre-launched hosts.

THE RESULT

Minute-level RTO, a fully automated recovery process, and roughly half the previous cost of ownership.

INDUSTRY

Government

SCENARIO

On-Prem to Cloud

PRODUCT

HyperBDR Cloud-DR

TARGET CLOUD

Huawei Cloud

Nigerian Government Agency × OnePro HyperBDR

IDC PHYSICAL MACHINES → HUAWEI CLOUD · CLOUD DISASTER RECOVERY

OnePro

Production systems on hardware the power grid could not support

A government department in Nigeria runs its production systems on physical machines inside IDC data centers. With an unstable local power supply and aging physical equipment, the risk of an outage was no longer something the department could plan around — so it looked to build disaster recovery in the cloud, on Huawei Cloud.

Customer Challenges

Three obstacles to a workable disaster recovery plan

01 **Unstable power supply**

Aging infrastructure and an unreliable power grid created operational risk that could not be predicted or scheduled around — exactly the conditions in which a recovery plan has to work first time.

02 **No suitable solution on the market**

The department had already evaluated Veeam and i2, and neither proved adequate for its cloud-based recovery requirements.

03 **A complex IT environment**

Bandwidth limitations, substantial data volumes and system disks exceeding 4TB all complicated DR planning — the last of these being a hard constraint on the target cloud platform.

Cloud-native disaster recovery on Huawei Cloud

HyperBDR provided a cloud-native disaster recovery solution built around four capabilities — designed so that nothing has to be standing by in the cloud until the moment it is needed.

01

Cloud-native DR

Fully integrated modules automate cloud orchestration, and overcome the 4TB disk size constraint on Huawei Cloud that had blocked earlier plans.

02

Boot in Cloud technology

Automatic API orchestration brings systems up with one click, without any cloud infrastructure having to be deployed in advance.

03

Optimized DR TCO

No unnecessary pre-launched hosts: the department pays for storage while backups run, and for compute only during a failover event.

04

Minute-level protection

The solution achieves 15-minute restoration for 8TB of data on Huawei Cloud, bringing recovery objectives into single-digit-minute territory.

The result: disaster recovery that costs almost nothing while it waits, and comes up in minutes when the power does not.

Protected, automated, and half the cost

100%

On cloud

15min

To restore 8TB

100%

Automation

50%

Lower TCO

01

100% on cloud

The business systems were migrated in full, so downtime in a failover is kept to a minimum rather than depending on the equipment in the data center.

02

Minute-level RTO and full automation

Recovery objectives are met within single-digit minute windows, on a fully orchestrated process that removes the manual intervention a crisis cannot afford.

03

50% reduction in TCO

Paying only for storage between failovers, rather than for standby hosts, delivered a significant cost efficiency gain through the flexibility of the cloud.

Ready to build DR in the cloud?

Talk to OnePro about protecting your workloads with HyperBDR.
oneprocloud.com · enquiry@oneprocloud.com

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Free Trial

