HyperBDR

Customer Case Study

HyperBDR Delivers Comprehensive Disaster Recovery Protection for Hunan Agricultural Credit

How Hunan Province's largest agricultural guarantee institution brought its core financial systems under a compliant DR plan on Tencent Cloud — and cut DR storage cost by more than 90%.

RTO < 24h · RPO < 2h | 90%+ lower storage cost | Agentless

THE CHALLENGE

A Category 2 continuity standard to meet on a budget that ruled out 1:1 resource provisioning.

THE SOLUTION

HyperBDR agentless DR into Tencent Cloud, with tiered snapshot policies and hostless sync into object storage.

THE RESULT

RTO under 24 hours and RPO under 2 hours, at over 90% less DR storage cost than the traditional approach.

INDUSTRY	SCENARIO	PRODUCT	TARGET CLOUD
Finance	**VMware to Cloud DR**	**HyperBDR**	**Tencent Cloud**

Hunan Agricultural Credit × OnePro HyperBDR

VMWARE → TENCENT CLOUD · FINANCIAL DISASTER RECOVERY

OnePro

Background

A fire down the road turned DR into an IT priority

Hunan Agricultural Credit Guarantee Corporation is the largest agricultural guarantee institution in Hunan Province, serving every county and district. It works on resolving financing difficulties and high financing costs in agriculture — through system development, product innovation, process improvement and collaboration between government, banking and guarantee bodies — and has extended guarantee loans to 31,200 new agricultural business entities.

In September 2022, a telecommunications tower fire in Changsha disrupted operations nearby. The incident made the organization's own exposure clear, and cloud-based disaster recovery moved up its IT agenda. It set out to protect critical systems including its big data budgeting databases and financial accounting platforms, and selected HyperBDR from OnePro Cloud, deployed onto Tencent Cloud infrastructure.

Challenges

A regulated standard, on a budget that ruled out standby hosts

01

DR from VMware to Tencent Cloud needs specific tooling

Tencent Public Cloud was chosen as the recovery destination, which required tooling built for that platform — and few products on the market offer fully automated public cloud disaster recovery.

02

High business continuity requirements

Under the Banking Information Systems Disaster Recovery Management Standards, certain core systems are classified as Category 2, demanding an RTO of under 24 hours and an RPO of under 2 hours — relatively stringent targets.

03

A limited disaster recovery budget

Project constraints ruled out the traditional approach of provisioning 1:1 standby resources, yet compliance with the minimum continuity standard was still non-negotiable.

Solution

Compliant recovery without a standby host in sight

HyperBDR met the Category 2 requirement by tiering protection to each system and holding the replicated data in object storage rather than on pre-provisioned hosts.

01

Deep integration with Tencent Cloud

HyperBDR's API integration with Tencent Cloud automates VMware-to-cloud disaster recovery, raising operational efficiency across the whole process.

02

Agentless mode on the source end

The VMware environment needs no agent installed on the source hosts, which removes intrusive operations and the security risk that comes with them.

03

Custom snapshot strategy + Boot in Cloud

Financial accounting systems use 2-hour snapshot intervals and non-core databases 4-hour intervals, while Boot in Cloud brings a system to the login screen on Tencent Cloud, reducing RTO.

04

Hostless synchronization technology

Source data is written directly into Tencent Cloud object storage with no host in the path, cutting disaster recovery storage expenses by more than 90%.

The result: a recovery plan that satisfies the regulator's Category 2 targets while the standby infrastructure it would normally require simply does not exist until it is needed.

Customer Benefits

Compliant protection, at a fraction of the cost

<24h
Recovery time objective

<2h
Recovery point objective

90%+
Lower DR storage cost

31,200
Agricultural entities served

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01 Meeting the financial industry's DR standard

HyperBDR satisfies the RTO < 24H and RPO < 2H requirements, protecting the integrity and continuity of business data and strengthening the customer's agricultural credit framework against the security risks it had identified.

02 Low-TCO cloud disaster recovery

Replacing traditional 1:1 host disaster recovery with object storage reduced DR storage cost by more than 90%, which is what allowed a high level of protection to fit inside the available budget.