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CUSTOMER STORY

We are pleased to work with Vinchin, a leading backup solution provider from China. Our production environment is primarily based on H3C CAS and VMware vSphere, and this mixed environment makes it challenging to choose an efficient and easy-to-use backup solution. After a series of tests and comparisons, we concluded that Vinchin Backup & Recovery best meets our needs.

Head of IT Department
MINGAZ

Energy
H3C CAS and VMware vSphere

Business Challenge

1. Growing data volumes increased the risk of data loss
As MINGAZ's business expanded, its data volumes continued to increase. Potential VM failures, data loss, and system interruptions became growing concerns, making reliable backup and recovery essential for business continuity.

2. A mixed virtualization environment complicated backup management
MINGAZ's production infrastructure runs on both H3C CAS and VMware vSphere. Protecting workloads across different virtualization platforms introduced compatibility and management challenges, making it difficult to find an efficient and convenient backup solution.

3. Recovery delays could interrupt business operations
In the event of VM failures or system disruptions, lengthy recovery processes could affect access to critical business systems. MINGAZ therefore needed a solution that could provide timely VM recovery and reduce downtime.

Vinchin Solution

To address these challenges, MINGAZ adopted Vinchin Backup & Recovery to protect its H3C CAS and VMware vSphere environments through a unified backup and recovery solution.
The deployment combines several capabilities to improve data protection and simplify daily operations:

Automated Backup
Vinchin's automated backup capabilities allow MINGAZ to schedule and manage backup tasks more efficiently. By reducing repetitive manual operations, the IT team can spend less time managing routine backups while maintaining consistent data protection.

Instant VM Recovery
To minimize downtime caused by VM failures, MINGAZ uses Vinchin's instant recovery capability. Through integration with NFS-based mounting, backed-up VM data can be made accessible without waiting for a complete VM restoration.
This approach can reduce VM recovery time (RTO) to as little as 15 seconds, helping restore access to critical workloads more quickly.

Agentless Backup
Agentless backup simplifies deployment and ongoing management by eliminating the need to install backup agents inside each protected VM. It also helps reduce network traffic and resource consumption on the production systems.

Centralized Management
Vinchin's unified web console enables the IT team to centrally manage VM backup and recovery operations across H3C CAS and VMware vSphere. This simplifies administration, improves operational visibility, and reduces the complexity of protecting a mixed virtualization environment.

Result

Vinchin helps MINGAZ achieve 15-second VM recovery through NFS-based instant recovery, unified protection for H3C CAS and VMware vSphere environments, automated and agentless backup, centralized management, and improved business continuity with reduced operational effort and downtime.

Question? Need support?
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