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CUSTOMER STORY

> "Vinchin improves the data security level of our VMware and XenServer virtual platforms. Its backup and archive features are flexible, reliable and efficient enough to well protect our major project files linked with Fiocruz and Brazilian government agencies, making us better keep our commitment to the society with innovative solutions. Under the first-class support of Vinchin Backup & Recovery, we can fully utilize all the valuable data to create a better life for Brazilian population."

FioTeC

Non-profit Organization Management
XenServer&VMware

Antonio Pedro Ornelas Silva,
Senior IT Infrastructure Analyst
Fiotec

Business Challenge

Founded as a NPO(Non-profit Organization) in Rio de Janeiro, Brazil, Fiotec aims to provide logistical, administrative and financial management support services to the projects developed by Oswaldo Cruz Foundation(Fiocruz), one of the world's main public health research institutions with over a hundred years of history for R&D in biological sciences.

In partnership with Fiocruz and government agencies, Fiotec supports projects that provide free services to Brazilian population, including teaching, research, institutional, scientific and technological development, production of inputs and services, information and management. The joint action seeks to align with the supported institution's mission of strengthening and consolidating the Unified Health System (SUS) and contributing to the promotion of health and quality of life for the country.

In order to meet different public service and management needs, Fiotec implements VMware and XenServer, the two mainstream virtual platforms to build the key production environment, which makes overall system control a little bit troublesome. "Heterogeneous virtual environment means to manage virtual machines on each platform separately, and legacy backup solutions failed in unified data protection, that's why we were looking for a new and reliable one to help us reach the ideal goal." Said Mr.Silva.

Social responsibility at Fiotec is to express through respect for the environment and human diversity, commitment to education and personal development, and the link to Fiocruz and the surrounding community. "Bearing such great mission, it's essential for us to build a solid IT infrastructure to boost higher life quality of Brazilian people from aspect of strong technical support. In order to better serve the society, having our important data and systems well-protected quickly definitely means a lot to us."

Vinchin Solution

Fiotec replaced legacy backup solution with the next-generation Vinchin Backup & Recovery to protect their critical data and systems running in VMware and XenServer, realizing effective data backup and archive under heterogeneous virtual environment.

Simplicity always counts, Vinchin helps resolve the biggest issue Fiotec had headache about.
"The high compatibility of the backup solution is what hit us most as it perfectly suits our need to deploy unified data protection of both VMware and XenServer VMs. We can simply deploy any VM backup and recovery task we want just through a unified web console. For now, if needed, anyone in my team can be able to control the whole system to customize the optimal protection task within minutes."

Vinchin works to back up terabytes of data across thousands of virtual machines in the data center of Fiotec through LAN-Free backup strategy, quickly processing high volumes of data directly through SAN to speed up backup efficiency by at least 5x. "The backup performance of Vinchin is absolutely beyond our anticipation, it's flexible and intelligent enough for us to get our data fully prepared for any emergency without much worries," said Mr.Silva, "and high data integrity can be guaranteed in-time as it allows us to proceed VMware and XenServer backup smoothly at the same time even in peak period of public service."

Complying with Fiotec's need of long-term data retention for history project files, Vinchin also offers cloud archive feature to reach the goal. "It gives us peace of mind knowing that all the important information can be double-secured separately from the local data center, while regular project reviews can be implemented easily in this way, if necessary." Said Mr.Silva.

>>>> Result

The high compatibility of Vinchin Backup & Recovery shows has successfully helped Fiotec consolidate the data protection of VMware and XenServer virtual machines. "A solid IT infrastructure within our organization has been built under the help of Vinchin. The speed, flexibility and reliability of Vinchin backup and archive features greatly encourage us to better support the meaningful projects founded by Fiocruz and government agencies, for the country." Said Mr.Silva.

Question? Need support?
Tel : +86-135-5029-3426 | Email: sales@vinchin.com