

**Business Need**

- Fully recoverable offsite copy of VM backup history
- Minimal bandwidth utilization
- Control over data and versions sent to offsite location

Disk based backup systems can provide a huge benefit to an organization in the form of convenience, speed and flexibility. They can also provide a single point of failure that needs to be protected. In the old days, one could simply send their tape backups offsite to ensure a last line of defense against the unknown. Today, with advanced technologies such as disk based archival and deduplication, it can be difficult or very expensive to 'send your backups offsite'.

Using systems like built in SAN replication, FTPing backup files, rsync scripts or the like, can work in some cases, but they all have limitations. For example, if the solution is unable to detect changes within the data, these techniques can take significant amounts of bandwidth to send the whole data sets over the network. Or if the solution can determine delta blocks within the data, such as many SAN replication techniques and rsync tools, they can take even longer to calculate the newly changed data from a backup set than it would have taken to send the entire archive over the network.

**Alike's Offsite Vaulting for DR**

Alike DR edition's Offsite Vaulting feature was designed to work around these limitations and provide a fast, reliable and efficient method for preserve your backup history in an offsite location. For each offsite enabled backup job, Alike sends only the data that is needed by the offsite deduplicated repository. This guarantees the most efficient transfer across your network. Additionally, since Alike inherently knows exactly what data has changed for each new version of a VM, it takes no time at all to calculate the change sets.

Alike's Offsite Vaulting allows you to select only the virtual machine data you want to replicate to your offsite system, and is configurable based on the scheduled job. This lets you decide if you want to replicate all or only a subset of your data to your offsite location. Lastly, Alike is completely storage agnostic, allowing you to mix and match storage of any type at the two locations.

**Challenges**

Complex backup and archival requirements

Lower bandwidth connection to DR location

Limited resources available in DR location

**Alike provides**

Simple, seamless offsite vaulting coverage

Extremely efficient network and disk utilization using global deduplication

Full control over what data is sent offsite

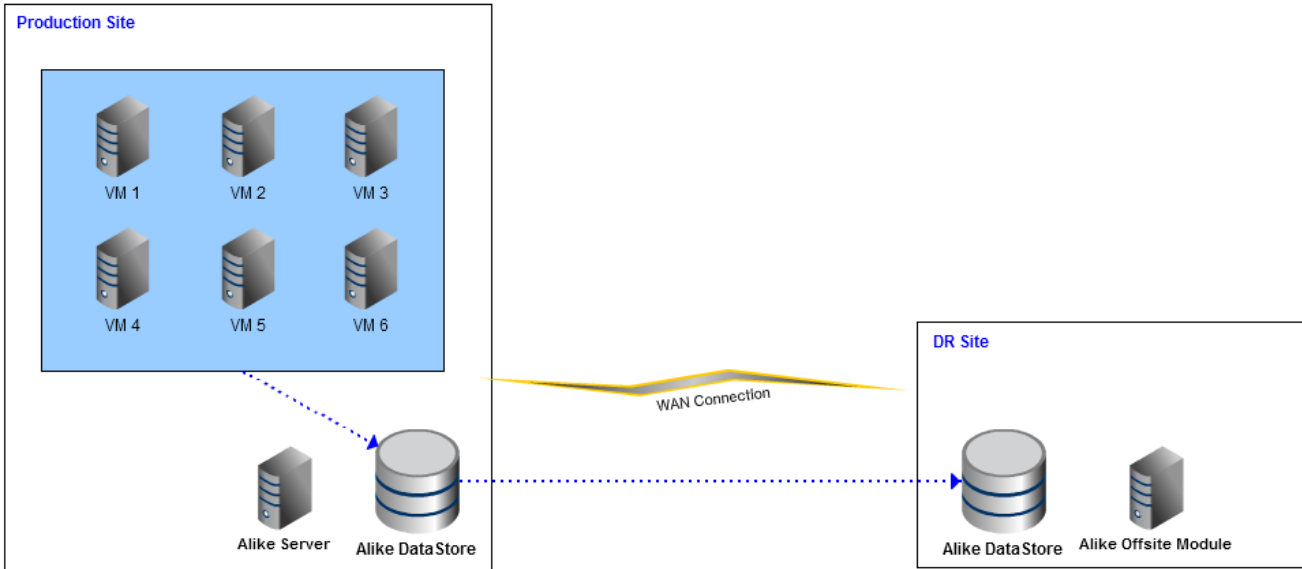
**Business Value**

Additional protection and peace of mind that your backup data is vaulted to a secondary DR location

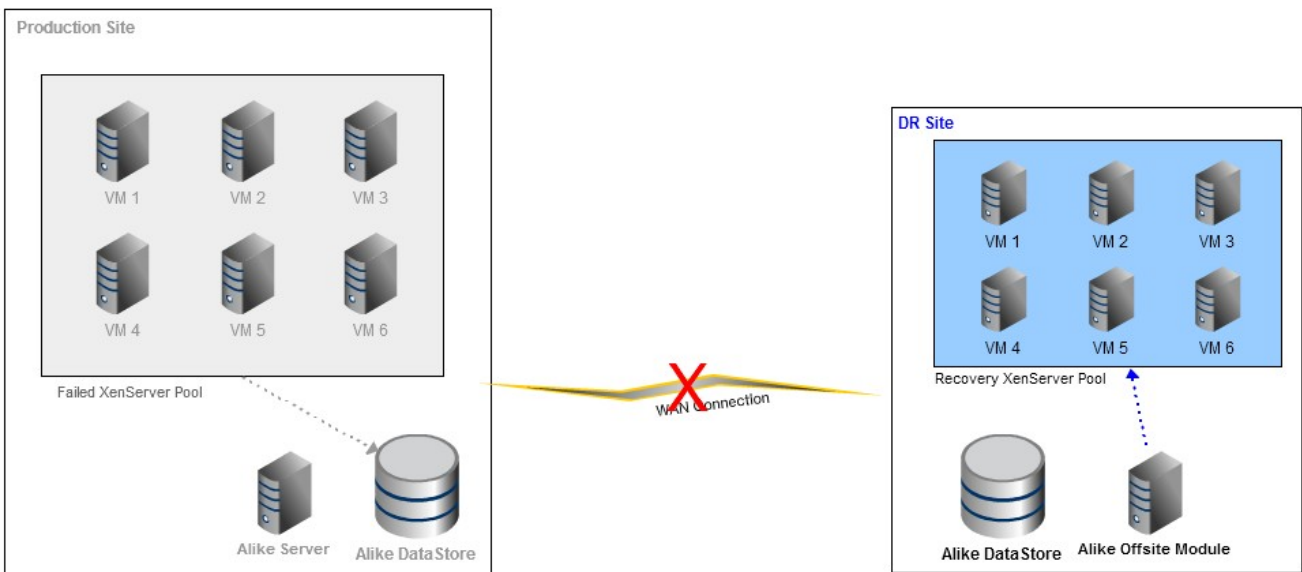
Lowered costs for storage and bandwidth

Lowered cost, complexity of deployment and management compared with hardware solutions

Example of Alike's Offsite Vaulting protecting a simple network



Alike's Offsite Console allows you to recover any stored version directly to a XenServer host/pool. In the event of a failure at the production site, the Offsite Module would provide full recoverability of all VMs that had been vaulted.





## **Alike DR for simple, efficient and reliable XenServer protection**

With Quadric Software's Alike DR, you can backup and protect your virtual environment onsite, and vault what you want offsite. Extremely efficient use of both disk and network lower your hardware and networking costs in a easy to use solution. Alike DR can replace expensive SAN or hardware storage replication solutions, at a fraction of the cost

**Quadric Software**

[www.quadricsoftware.com](http://www.quadricsoftware.com)

**Toll Free U.S.**

**1-800-688.8769**

**International**

**+1 802.536.4623**