

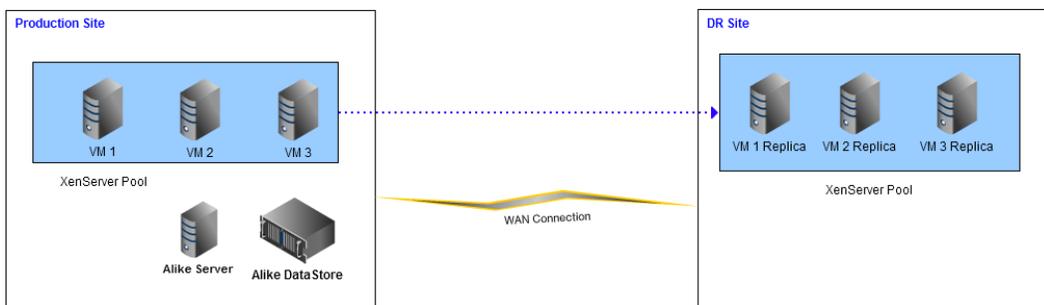
Business Need

- Redundant copies of critical VMs kept in a secure, remote environment
- Frequent scheduled updates to keep remote replicas up to date
- Rapid recovery to meet strict RTOs
- Minimal backup window for both data protection and DR

Providing your XenServer environment with data protection and disaster recovery coverage can be challenging, especially when facing shrinking backup windows and higher usage demands. With the need to minimize your DR plan's RTO ever increasing, often restore times can be too lengthy to satisfy your organization's requirements. When looking for VM replication options on top of your backup needs, the cost and complexity can add up quickly.

Replicate critical virtual machines using Alike DR

With Alike DR edition's Enhanced Replication (ER) feature, you can transfer a virtual machine from one host, SR or Pool to another, on a schedule. This allows you to keep up to date replicas of your VMs in a cold or warm standby state on a remote host. In the event of a disaster, you can simply power on the cold standby, and direct your services/users to the remote VMs for an extremely rapid recovery time. And because ER is able to detect changes at a block level, only a minimal amount of data is sent over the network.



Challenges

Critical virtual machines require the highest level of protection and availability

Primary and secondary locations have lower bandwidth connection between them

Narrow backup window required to perform all backup and DR operations

Alike provides

High performance Enhanced Replication transfers only changed data over the network

Scheduled synchronization keeps the remote replicas up to date

Cross site replication can provide redundant site level protection

Business Value

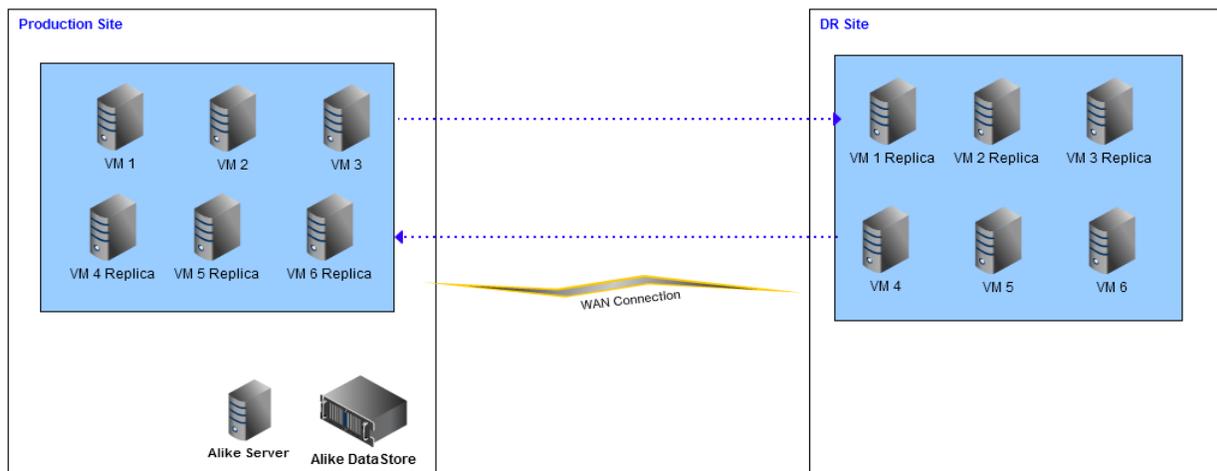
Obtain a high level of business continuity even with minimal bandwidth connections

Cold or warm standby VMs provide rapid recovery, lowering your RTO

Cost effective and flexible features to provide you with a single vendor for your backup and DR requirements.

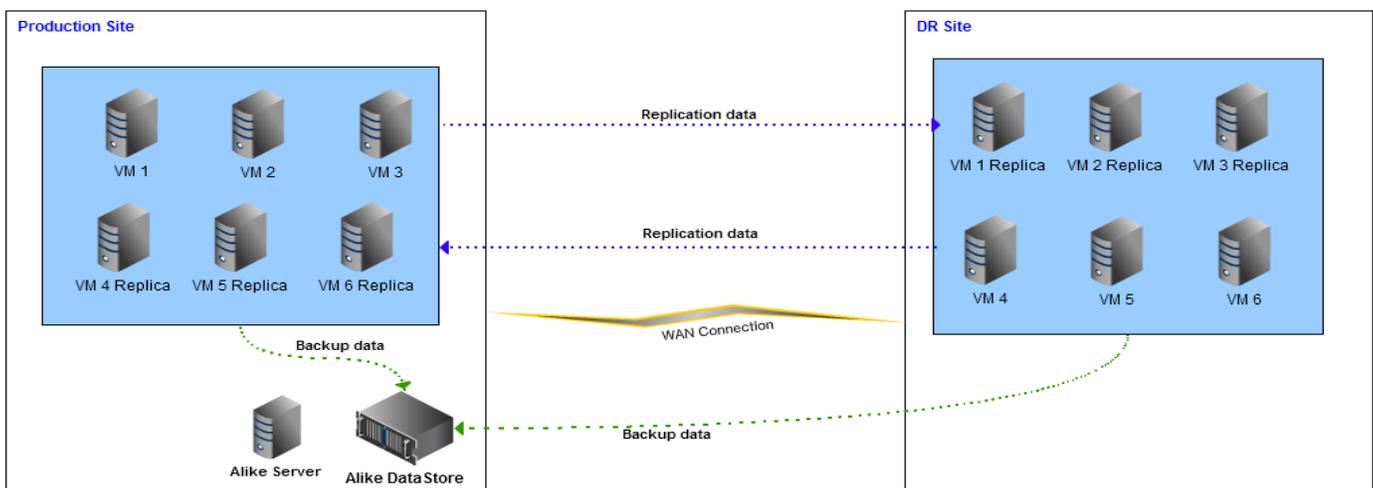
Cross replicate virtual machines between offices for reciprocal coverage

Alike's replication engine supports even more complex replication configurations, when needed. For example, cross replicating virtual machines running between two locations can be configured from a single, centralized installation of Alike. This offers storage agnostic reciprocal coverage for your DR requirements. Cross replicating VMs using Alike DR provides an exceptionally fast, flexible and cost effective means of recovery in the case of a site outage in either location.



Single pass backup and replication to minimize job window

Finally, to completely meet your business' backup and DR requirements, Alike DR offers the option of a single pass backup and replication job. This allows you to not only keep your VMs replicated and up to date in a remote location, but also store a deduplicated backup version *at the same time*. This can greatly reduce the amount of time required to perform both operations separately, and offers you the convenience of a backup history with the rapid recovery of a cold standby VM.





Alike DR Edition provides a powerful Backup and Disaster Recovery feature set

With a single installation of Quadric Software's Alike DR, you can perform advanced backup and replication operations across multiple sites to meet even the most challenging business requirements. Alike DR keeps your costs to a minimum with its source only licensing model and storage independent design. Enhanced Replication uses minimal bandwidth, and when combined with single pass, global source side deduplicated backups, Alike offers the most efficient and simple way to protect all of your XenServer environments.

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