CROSSROADS®

SPHiNX™

Data Sheet

SPHiNX Data Replication Suite

Highlights

- Provides extensible replication for many-to-one, one-to-one or one-to-many environments
- Improves efficiency, reducing the cost and time to manage offsite recovery operations
- Optimizes bandwidth by sending only the delta changes across the network
- Encrypts data while in flight across the network for secure transfer
- Synchronizes data between sites providing immediate availability

The Data Replication Suite is an optional software licensed feature for SPHiNXTM. The application provides flexible and extensive support for offsite data protection with replication options including one-to-one, one-to-many or many-to-one topologies. Replication is useful to protect data on SPHiNX appliances located at remote sites by consolidating them back to your main site. Or, you can replicate data from a primary site to a remote site for disaster recovery purposes. There is no limitation to the number of SPHINX systems that can be replicated.

Reduces risk

The Data Replication Suite reduces risk and eliminates costly, time-consuming administration and handling of physical tape media by providing remote replication over a WAN or LAN network connection. You can automatically replicate data to a remote site—either another branch office or a disaster recovery site. Additionally, your business retains corporate control of intellectual property.

Cost advantage

Using automatic data replication provides several opportunities for cost savings. Generally, operational expenditures are hit hardest when recovering data from archived physical tape media, which eats up valuable resource time and, in some cases, hours or even days. Capital expenditures such as media purchases, drive maintenance, tape transfer and vaulting services costs can be removed from the budget.

Optimize performance

Data Replication optimizes the available network bandwidth by isolating byte-level changes in the data set and transmitting only the byte-level data that has changed across the WAN network. Once the changes are received by SPHINX at a remote location, they are applied to the previous virtual cartridge. Thus, you are synchronizing virtual tape cartridges between the local and remote SPHINX systems. Also, if a company runs a 24X7 operation without any available windows to perform a replication job, then SPHiNX supports the ability to limit bandwidth as required.

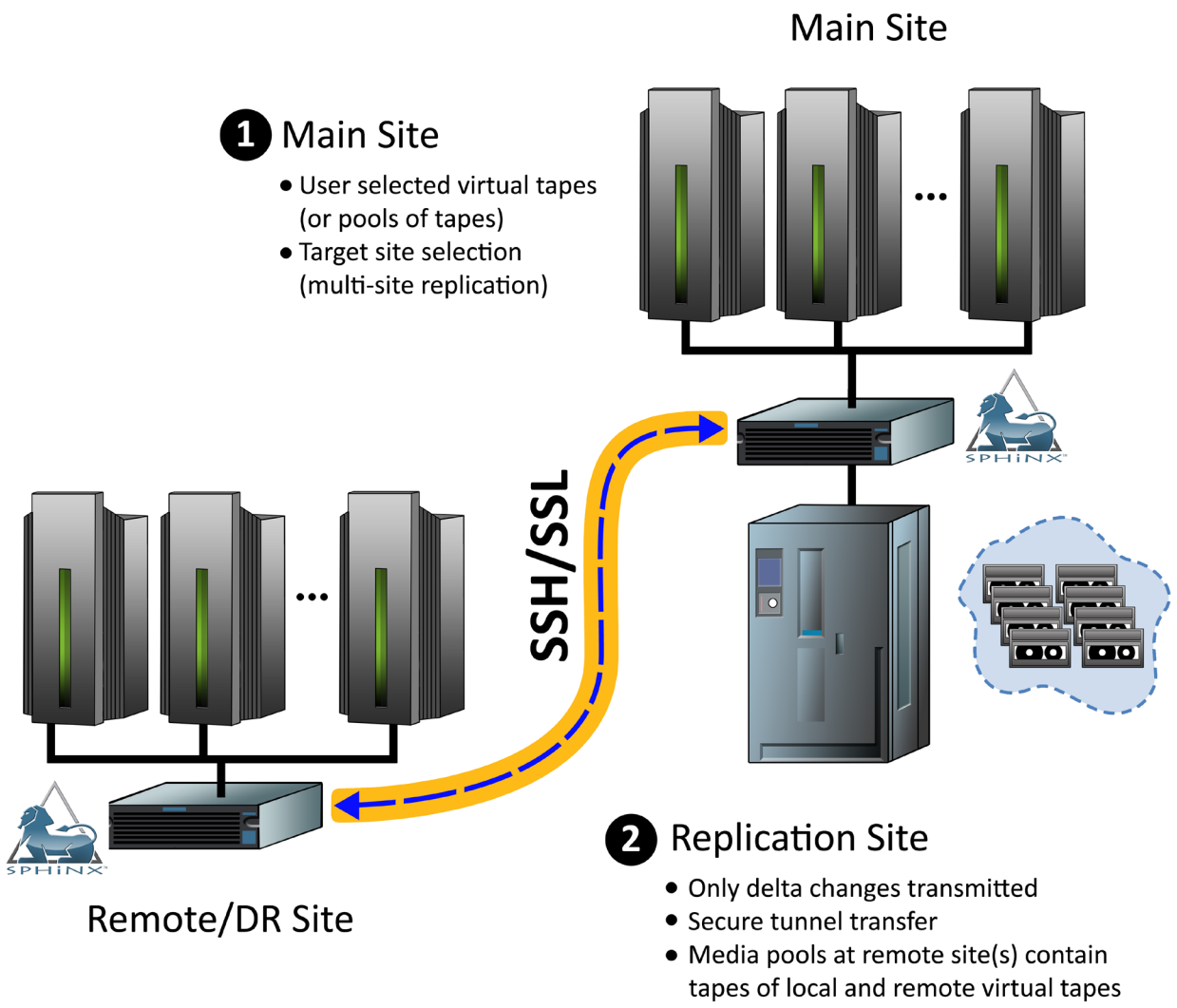
Secure data transfer

Data replication can be performed across the LAN or WAN. The data is secured when being transferred across the network using an SSH/SSL connection. Each SPHiNX system is configured and authenticated before data transfer.

Immediate data recovery

The Data Replication Suite creates and maintains identical copies of backup data on SPHINX disk storage at one or more locations. In the event of a disaster, you can begin remote recovery operations immediately. Hence, data replication allows enterprise businesses to reduce recovery time objectives and recovery point objectives while implementing a supportable, cost-effective disaster recovery strategy.

Data Replication Architecture



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ABOUT CROSSROADS

Crossroads Systems, Inc. (NASDAQ: CRDS), is a global provider of solutions and services that ensure stored data is proactively protected and reliably recovered. Crossroads offers organizations powerful data protection, proactive data security, intelligent storage connectivity, unmatched performance, and significant cost savings. Founded in 1996 and headquartered in Austin, Texas, Crossroads holds more than 100 patents granted and pending and has been honored with numerous industry awards for innovation in data protection and storage. Visit www.crossroads.com.

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