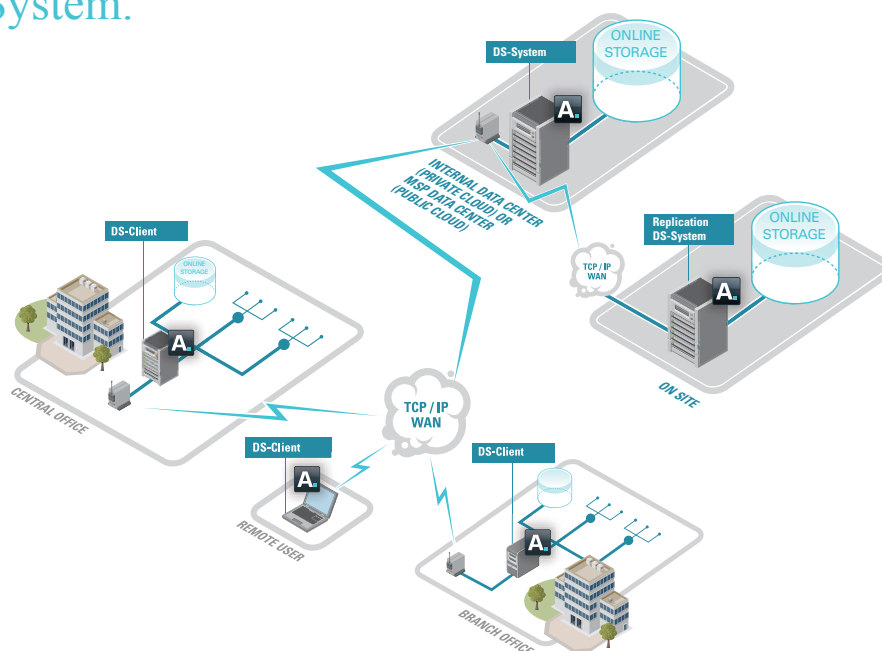# Asigra v9 Disaster Recovery Protection.

With the increasing importance of information technology for the continuation of business critical functions, combined with a transition to an around-the-clock economy, the importance of protecting an organization's data and IT infrastructure in the event of a disruptive situation has become an increasing and more visible business priority in recent years. Of companies that had a major loss of business data, 43% never reopen, 51% close within two years, and only 6% will survive long-term.

Enterprises may need to store a second instance of the backed up data in another geographical location. This can be achieved with the Asigra v9 Replication DS-System. A second DS-System can reside in a different geographical location and can receive backed up data from the production DS-System. The Replication DS-System may be used as fail over DS-System.

Asigra.

DS-System Replication.

The Replication DS-System is a DS-System working with its own database and DS-System Online Storage and can receive replication data from other DS-Systems. It does not normally accept backup activities (unless an appropriate license is purchased), however it allows restore activities. In order for a production DS-System to be able to send data to a Replication DS-System, the production DS-System must have the Multi-Directional Replication tool enabled for the production DS-System license.

DS-System Replication is a fixed price license irrespective of the DS-System Storage Capacity and can be installed on both Windows and Linux. The storage capacity of the DS-System Replication license is the same as the storage capacity license for the DS-System that is replicating its data to the DS-System Replication. Replication DS-System can ONLY accept replication data from other DS-Systems or RESTORE connections from DS-Clients. It does not allow backup activities.

DS-System Online Storage Replication.

DS-System Online Storage can be replicated between two or more DS-Systems. This offers many benefits, such as:

- Redundancy, with multiple working copies (secondary backups) of the DS-System Online Storage.

- High availability, with DS-Clients able to switch from a failed DS-System to a Replication DS-System immediately.
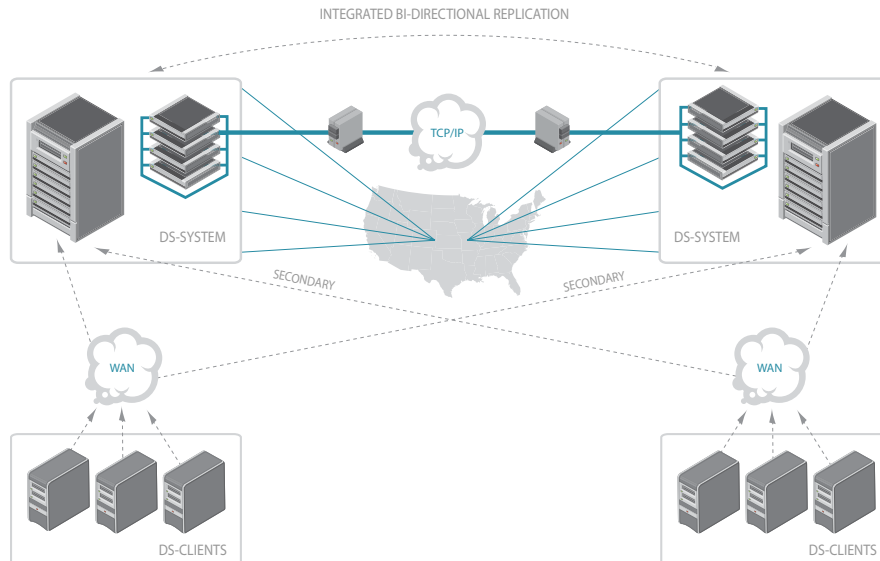
About Replication.

Replication is performed at the DS-Client level. For each DS-Client that you choose to replicate, the online storage will be shared between all the DS-Systems belonging to the same replication group. Once shared, DS-System will automatically check (by default every 6 hours) the replication status for the DS-Client's backup sets. This interval of time is configurable. A replication activity will be automatically triggered when a backup activity completes for a backup set.

The data replicated between the two DS-Systems is the backup data residing on the DS-System Online Storage.

After replication has processed the master generation of a file in a backup set (or the initial backup of a file), the replication process will perform replication incremental forever for subsequent backups of that file. (Normally, it will not transmit another master for that same file unless a file corruption occurs on either of the DS-Systems). The data on the DS-System Online Storage is replicated file by file. Only new files or new generations of a file will be replicated in subsequent replication sessions.

To get more details on Asigra v9, click on www.RecoverYourCool.com/v9query to enter in your question and a product representative will get back to you.

INTEGRATED BI-DIRECTIONAL REPLICATION

About Asigra.

Leading organizations reduce costs by applying cloud computing to backup and recovery with efficient, cost-effective and transformational solutions from Asigra. Customers consistently redirect savings derived from our approach to projects of higher strategic and personal value, many of which have been on-hold for a year or more. The positive business outcomes made possible from a low-touch agentless architecture are revealed through Asigra's Day One ROI™ - an exercise that delivers enormous value with little up-front investment.

Tel: 416.736.8111 Fax: 416.736.7120 Email: info@asigra.com

RecoverYourCool.com

Asigra.