



Global Dashboard

As the number of business servers and applications grow, getting a clear consolidated view of detailed and realistic metrics from complex backup environments is not easy; it gets even more difficult if organizations have operations spread across different geographies. For all such dispersed business operations, you need a reporting tool that provides centralized monitoring and reporting capability on the performance and operations of your backup environment as well as your servers, storage and connectivity within your environment. The reporting tool should also provide different types of information for the IT personnel and business managers to help make the best possible decisions, quickly and effectively.

CA ARCserve® Backup provides an optional global dashboard feature that helps you get the status of your enterprise-wide backup and storage environment in seconds. CA ARCserve Backup Global Dashboard displays the backup status and Storage Resource Management (SRM) reports of all, or selected, servers spread across your various remote branch offices (ROBOs) from one central console. It also enables you to group servers into categories per the geographical locations, group functions, and departments within your company.

OVERVIEW

CA ARCserve Backup Global Dashboard provides a single network-based console to monitor and report dashboard information for multiple CA ARCserve Backup domains across your enterprise; both in your main office and in remote offices, all from a central location.

Using CA ARCserve Backup Global Dashboard you can find the backup job status of historical and recent jobs, find the nodes that are failing the most, the location of backed up data, whether data is encrypted and ready for disaster recovery, information like volume, disk usage, memory, CPU, NIC, SCSI and fiber cards on each of the production servers, and other information about the performance and operation of your entire CA ARCserve Backup and SRM environment.

CA ARCserve Backup Global Dashboard also helps group the selected servers in your enterprise and monitor the status within specific areas of your environment.

BENEFITS

- Provides the capability to view Dashboard reports for multiple primary servers (local or remote) to help monitor and evaluate each individual server from one central location.
- Automatically synchronizes the dashboard data from all Branch Primary Servers to the Central Primary Server to provide current and refreshed central monitoring.
- Lets you export the reports as a CSV file for use in a spreadsheet; you can also print or email these reports.
- Lets you filter the display of dashboard report data based on specific branch parameters.
- Provides the capability to manage all associated branches from one central location; including suspending a branch, deleting a branch, viewing message logs, changing configuration settings, and other management functions.

Install/Configure

The CA ARCserve Backup Global Dashboard installation process is straight forward and wizard driven. You can either configure the Primary or Branch servers during the installation or manually launch the configuration at a later time using the Global Dashboard Branch Manager.

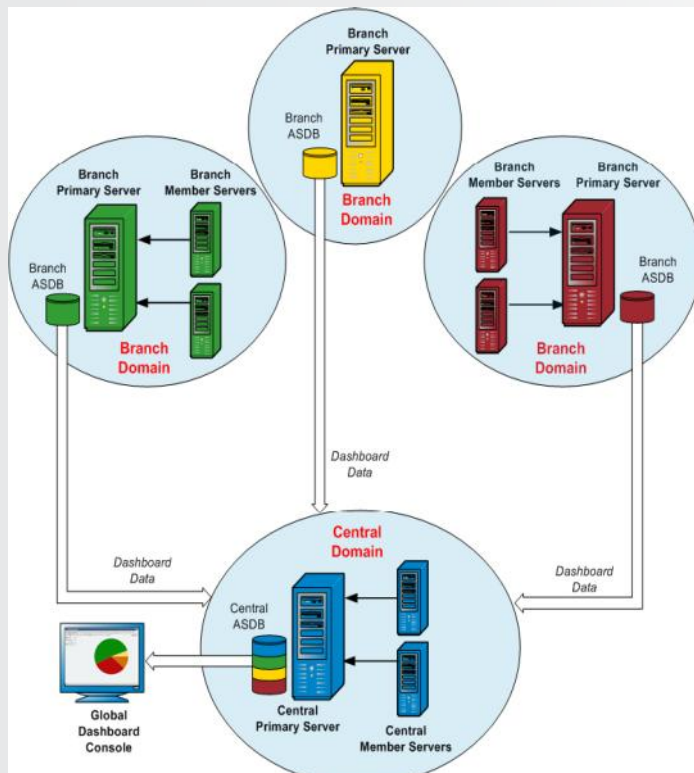
CA ARCserve Backup requires that you configure CA ARCserve Backup Global Dashboard at the central site and at each associated branch site to enable the necessary communication and sharing of dashboard-related data from the branch site to the central site. The parameters specified during the configuration of the central primary server must be used by each registered branch primary server to enable communication of dashboard-related data to the central site.

CA ARCserve Backup Global Dashboard feature requires you to install and license the CA ARCserve Backup Enterprise Module at the Central Primary Server and each registered Branch Primary Server. The Central Primary Server requires Microsoft® SQL Server® 2005 or higher installed. The Branch Primary Server uses Microsoft SQL Server 2005/2008. The SQL Server 2005/2008

How CA ARCserve Backup Global Dashboard Works

CA ARCserve Global Dashboard environment consists of a designated Central Primary Server and its associated Branch Primary Servers. You need to configure one of the servers as the Central Primary Server and register other servers as the Branch Primary Servers. There can only be one Central Primary Server within each Global Dashboard environment but multiple Branch Primary Servers located either locally or remotely.

From the Global Dashboard Console Servers you can view the consolidated dashboard data from a group of Branch Domains or from all Branch Domains within your Global Dashboard environment.



CA ARCserve Backup stores dashboard data from the individual Branch Primary Servers in each corresponding ASDB. The Global Dashboard utility provides the interface between each Branch Domain and the Central Domain. When invoked, the collected dashboard data from each Branch ASDB is synchronized to the Central Domain, where it is processed by the Central Primary Server and stored in the Central ASDB.

The initial transfer of this synchronized data from the Branch Domain is a full upload, and each subsequent transfer after that will be an incremental upload of only the data that has been modified, deleted, or added since the last synchronization was performed.

Any database pruning that is performed at a Branch ASDB will be reflected in the Central ASDB the next time data synchronization is performed.

In the event of failure of the link between the Branch Primary Server and the Central Primary Server, the Branch Primary Server will wait for the specified number of minutes before attempting the sync again. If specified maximum number of retry attempts is reached without successful data synchronization, the Branch Primary Server will discontinue attempts for that day.

The Branch Primary Server attempts to synchronize the data again as scheduled on the next day. If it is unable to synchronize for more than 48 hours, the Branch Primary Server status is displayed in red in the Global Dashboard to alert you about this inactivity; enabling you to investigate further.

Frequently Asked Questions

- Q:** Can I install CA ARCserve on my laptop and connect to Central Primary Server and view the Global dashboard?
- A:** Yes, install the CA ARCserve Manager Component and Global Dashboard Console component on your laptop, connect to the Central Primary Server through the CA ARCserve Manager from your laptop to view the Global Dashboard.
- Q:** If there are a lot of remote sites trying to connect to a central site at the same time, will the central primary server throttle the number of connections that can be processed simultaneously?
- A:** CA ARCserve Backup lets you configure up to 40 simultaneous connections to central primary server. If there are more than 40 requests, the branch primary server will receive a Server busy warning and a retry would be attempted as configured by the user (default – 5 minutes).
- Q:** Can I use any version of SQL Server with the CA ARCserve Backup Global Dashboard?
- A:** Full versions Microsoft SQL Server 2005/2008/2008R2 are supported. Microsoft SQL Server Express editions and SQL Server 2000 are not supported. Note that these SQL Server requirements are for the CA ARCserve Backup node that will be the Global Dashboard. Please read the CA ARCserve Backup readme and the CA ARCserve backup Administration Guide for additional information on the CA ARCserve Backup Global Dashboard requirements.
- Q:** Can I install the CA ARCserve Backup Global Dashboard to a Windows Active Directory domain controller node?
- A:** No. The CA ARCserve backup Global Dashboard is not supported on a Windows Active Directory Domain controller.

Summary

CA ARCserve Backup Global Dashboard lets you monitor and report dashboard information about multiple CA ARCserve Backup primary servers across your entire enterprise. This centralized monitoring capability through the Global Dashboard means better information being reported on the performance and operation of your entire CA ARCserve Backup environment including your infrastructure components.

For more information about the CA ARCserve Family of products, please visit arcserve.com/products or test drive our products at arcserve.com/software-trials.