



Infrastructure Visualization

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 infrastructure visualization feature. CA ARCserve Backup displays your entire environment in an easy to read network diagram view including all of the servers, storage and other devices, showing how they relate to each other and to the CA ARCserve® Backup media server (s). Easy drill down on each component offers status, backup methodology, and other key information.

CA ARCserve Backup infrastructure visualization synchronizes data from each remote site to the central primary server to let you remotely view detailed information for any individual primary server or group of primary servers or provide a consolidated display of several primary servers.

OVERVIEW

CA ARCserve Backup provides a visual representation of your CA ARCserve Backup environment, allowing you to quickly see backup status and explore how servers, nodes, and devices are related.

CA ARCserve Backup Infrastructure Visualization shows each CA ARCserve Backup Server in a hierarchical form resembling an organization chart. Primary and Member servers are indicated. The mini-map feature acts as a scaled-down version of the current view, allowing you to pan to portions of the entire graph.

CA ARCserve Backup lets you customize the Infrastructure Visualization display by filtering by node or tier and by grouping elements. You can also print the contents of a view, with the output scaled to fit on a single physical page. Selecting a node permits you to access Dashboard reports. Double-clicking a specific server, node or device displays its details and most recent backup status.

BENEFITS

- View the backup status of each backup server.
- View the backup information details of a node.
- Launch Dashboard Reports on a backup node.
- Filter by node or tier.
- Print a copy of the full view.
- Dashboard integration.
- Node view, subnet view, agent view.
- Supports VMware and Hyper-V nodes
- Support for virtual cluster node names
- Device view
- Displays recent backup status

Install/Configure

The CA ARCserve Backup Infrastructure Visualization feature is part of the Base Product. Installation of CA ARCserve Backup is straightforward and wizard driven. After installing CA ARCserve Backup, you can access the Infrastructure Visualization feature from the CA ARCserve Backup Dashboard interface. No additional license is required for this feature.

How CA ARCserve Backup Infrastructure Visualization Works

CA ARCserve Backup Infrastructure Visualization is a component of the Global Dashboard. A Global Dashboard environment consists of a designated CA ARCserve Central Domain and its associated CA ARCserve Branch Domains. Within each of these CA ARCserve domains, is a CA ARCserve Backup server and a corresponding CA ARCserve Backup database (ASDB). The CA ARCserve Backup server can be either a stand-alone server or a primary server with its associated member servers.

The Infrastructure Visualization tree view will have the CA ARCserve domain at the root and CA ARCserve backup servers spanned from it.

There are 3 different views: Node, Virtual Machine, and Devices, spanned from the backup servers.

- Node view will show the client nodes backed up to a server and grouped by subnets or backup agent types. Each subnet icon will have red/yellow/green showing the backup status for the nodes in the subnet. User can see the overall back up status visually across all subnets or application.



- Virtual Machine view will show the virtualization hierarchy from vCenter (or hosting server) -> Backup Proxy server -> VMs. User can see the overall VM backup status grouped by hosting server.
- Device view will show the backup destination devices layout for the ARCserve domain.

Clicking on any icon will bring up a quick summary with links to related dashboard reports.

When the CA ARCserve Backup Infrastructure Visualization UI is launched, relevant data is retrieved from the CA ARCserve database and displayed accordingly. Note that this data is static and not dynamic.

Frequently Asked Questions

Q: Can I install CA ARCserve Backup on my laptop and view the Infrastructure Visualization?

A: Yes. Please read the CA ARCserve Backup readme file for a list of supported operating systems.

Q: Can I get the same detailed information that I get on local servers for the remote servers in my branch offices?

A: Yes. The Infrastructure Visualization will show only one branch at a time.

Q: Can I print out the Network Diagram display?

A: Yes, select the Print icon in the right top hand corner of the UI.

Summary

CA ARCserve Backup Infrastructure Visualization provides a visual representation of your CA ARCserve Backup environment, allowing you to quickly see backup status and explore how servers, nodes, and devices are related. This can help you to be more efficient and save time managing your environment and improve system utilization.

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.