



Assure Core Distribution Services

Data Consolidation and Distribution for IBM i

Consolidating data to obtain a unified view of business information spread across multiple files, especially from different systems and locations, is a challenging task. Likewise, distributing data from one file to multiple files or locations poses a similarly difficult problem for IT professionals. However, data consolidation and distribution are strategic requirements for global systems, and efficient methods must be devised to efficiently and effectively manage distributed data sets without straining IT resources.

Assure Core Distribution Services helps organizations consolidate data from, or distribute data to, multiple IBM i systems. Assure Core Distribution Services consolidates all, or part of, database files that reside on multiple remote sites into a single file on a central machine. Since it is bi-directional, Assure Core Distribution Services can also distribute any database file from a central site to multiple remote sites. In addition, it can be used to run commands simultaneously on remote sites from a central site.

Assure Core Distribution Services is available in runtime or open versions. The runtime version is designed to provide a unified view of security and compliance log files for Assure Security and it allows you to deploy security rules or run remote commands across Assure Security components running in multiple environments. The open version can be used without limitation across any database file, save file or command, regardless of whether the files or programs are used by Assure Security.

Sample Uses

- Aggregate accounting or statistical data from a group of IBM i systems, incrementally or simultaneously
- Distribute a save file to a group of systems with pre- and/or post-execution commands
- Run a command on one or more remote systems on-demand
- Deploy database files to multiple locations, with an extraction selection, on a scheduled basis

Benefits

- Save time and money with a unified view of data across machines
- Work more efficiently on consolidated data instead of individual data files
- Efficiently push selected data subsets to remote locations
- Easily run commands simultaneously at remote sites from a central location



How It Works

Assure Core Distribution Services can be used with any Db2 file on any number of IBM i environments to consolidate all or part of database files residing at multiple remote sites into a single file on a central machine, or to distribute any database file from a central site to multiple remote sites. In addition, Assure Core Distribution Services can be used to run commands simultaneously on remote sites from a central site.

The power and robustness of its architecture enables Assure Core Distribution Services to be configured for simple or complex scenarios. Its architecture includes:

- System definitions that describe systems with their attributes. Systems can be arranged in Smart Groups.
- Scripts that drive Assure Core Distribution Services' actions. Script options include:
 - Transfer type (*FILE, *SAVE, *CMD)
 - Transfer direction (*SND, *RCV)
 - Instructions (to run on the remote and/or central systems)
 - Transport method (*AUTO, *FTP, *MANUAL)
- Templates that associate file names with scripts for a group of systems
- Time ranges that define time tables, time windows, and time intervals for the transfer
- Templates for individual systems that show status, next run and job information

Extraction, transport, and import processes are segregated and each has its own customization options. For example, users can define key fields from which the subsets of files will be processed.

Assure Core Distribution Services provides flexible scheduling options so that actions can be scheduled to run one-time-only, based on a calendar, or repeated at a specified time and day or interval in minutes.

Key Features

- Consolidates any Db2 file from multiple remote sites to a central site
- Distributes any database file from a central site to multiple remote sites
- Runs commands simultaneously on remote sites from a central site
- Open structure allows you to define any type of exchange
- Scripts define the all parameters for an exchange -type (*FILE, *SAVE, *CMD), direction, instructions and transport method
- Provides a complete set of scheduling options, including one-time-only, calendar-based, or repeated at a specified daily time or at an interval in minutes
- Supports multiple transport and exchange methods, including FTP, DDM, SAVRST and manual methods
- Segregates extraction, transport, and import processes, with customization options for each
- Provides a predefined consolidation configuration for logs from Assure Security components
- System groups allow for smart grouping of multiple systems
- Automatically populates transfer history log
- Comprehensively tracks errors and automatically sends joblogs on error