



DocAve® 6.0.1 Job Monitor

Reference Guide

Revision B
Issued April 2012

Table of Contents

Table of Contents.....	2
About Job Monitor.....	4
Submitting Documentation Feedback to AvePoint	4
Before You Begin.....	5
Configuration	5
Agents	5
Getting Started.....	6
Launching Job Monitor	6
Understanding Job Monitor	7
Job Monitor Interface	7
Job Monitor vs. Scheduled Job Monitor	8
Configuring the Viewing Pane.....	8
The View Toolbar	8
The Filter Toolbar.....	9
Searching Jobs.....	9
Managing Jobs	10
Operations in the Job Monitor Tab.....	10
Operations in Scheduled Job Monitor	11
Integrated Job Monitor.....	12
Additional Job Monitor Features for Platform Backup & Restore.....	12
Additional Job Monitor Features for Administrator	13
Admin Search or Security Search Jobs	13
Delete Orphan Site Jobs.....	13
Dead Account Cleaner Jobs.....	14
Import Configuration File Jobs.....	15
Search Web Part Jobs.....	15
Additional Job Monitor Features for Content Manager	16
Content Manager Jobs	16
Content Manager Move Jobs.....	17

Additional Job Monitor Features in Deployment Manager	17
Additional Job Monitor Features in Replicator	17
Additional Job Monitor Features in Report Center	18
Workflow Status Jobs from Usage Reports.....	18
BLOB Calculator Jobs from Infrastructure Reports.....	18
Compliance Reports	18
Additional Job Monitor Features in Archiver.....	19
Index.....	20
Notices and Copyright Information	22

About Job Monitor

Job Monitor allows you to view the status or details of jobs, download reports, and manage the jobs all from a central interface.

Job Monitor is also integrated into other DocAve products, which enables you to manage the jobs in its corresponding modules with additional features specific to the product itself.

Submitting Documentation Feedback to AvePoint

AvePoint encourages customers to provide feedback regarding our product documentation. Click the following URL to access the **Submit Your Feedback** form on our Web site:

<http://www.avepoint.com/resources/documentation-feedback/?flush=1>

Before You Begin

Refer to the sections for system and farm requirements that must be in place prior to installing and using DocAve Job Monitor for SharePoint.

Configuration

In order to use DocAve Job Monitor for SharePoint, the DocAve 6 platform must be installed and configured properly on your farm. Job Monitor will not function without DocAve 6.

Agents

SharePoint Agents are responsible for running DocAve jobs and interacting with the SharePoint object model. DocAve Agents enable DocAve Manager to communicate with the respective servers, allowing for Job Monitor commands to function properly. At the minimum, DocAve must have one agent installed on the SharePoint farm. The server that the agent is installed on must have Microsoft SharePoint Foundation Web Application service enabled as well. Otherwise, the Job Monitor Agent cannot be loaded during agent installation and, consequently, the Job Monitor functions cannot be used. Additional DocAve agents should be installed on other SharePoint Web front ends (WFEs) in order to provide redundancy in the event that a DocAve Agent goes down.

***Note:** The use of system resources on a server increases when the installed agent is performing actions. This may affect server performance. However, if the agent installed on a server is not being used, the use of system resources is very low and, therefore, the effect on server performance is negligible.


For instructions on installing DocAve Platform, the DocAve Manager, and DocAve module Agents, see the [DocAve 6 Installation Guide](#).

Getting Started

Refer to the sections below for important information on getting started with Job Monitor.

Launching Job Monitor

To launch Job Monitor and access its functionality, follow the instructions below:

1. Log in to DocAve. If you are already in the software, click the **DocAve** tab.
2. From the **DocAve** tab, click **Job Monitor** to launch Job Monitor.
3. Alternatively, you can click the Job Monitor icon () from anywhere within the DocAve software to launch Job Monitor.

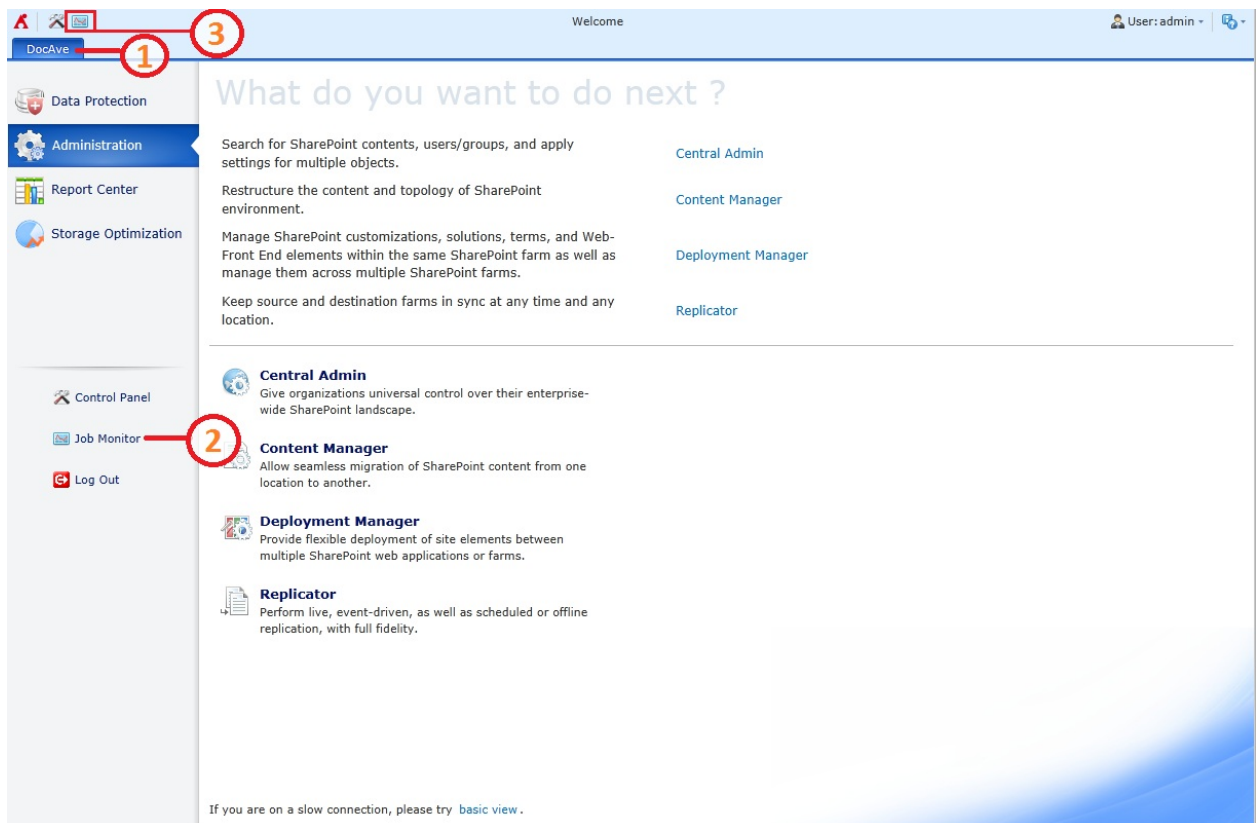


Figure 1: DocAve module launch window.

Understanding Job Monitor

Job Monitor provides you with a number of ways to customize the way your jobs are displayed to you so you can more efficiently manage them. The following sections will go over the different viewing options.

Job Monitor Interface

In Job Monitor, you will see the following:

1. Tabs – Switch between Job Monitor and Scheduled Job Monitor.
2. Ribbon – Toolbar where you can customize the view, perform actions on selected jobs, and configure Report Location settings.
3. Search – Search tool for filtering jobs displayed.
4. Viewing pane – Displays a list of jobs depending on the filters you configure.

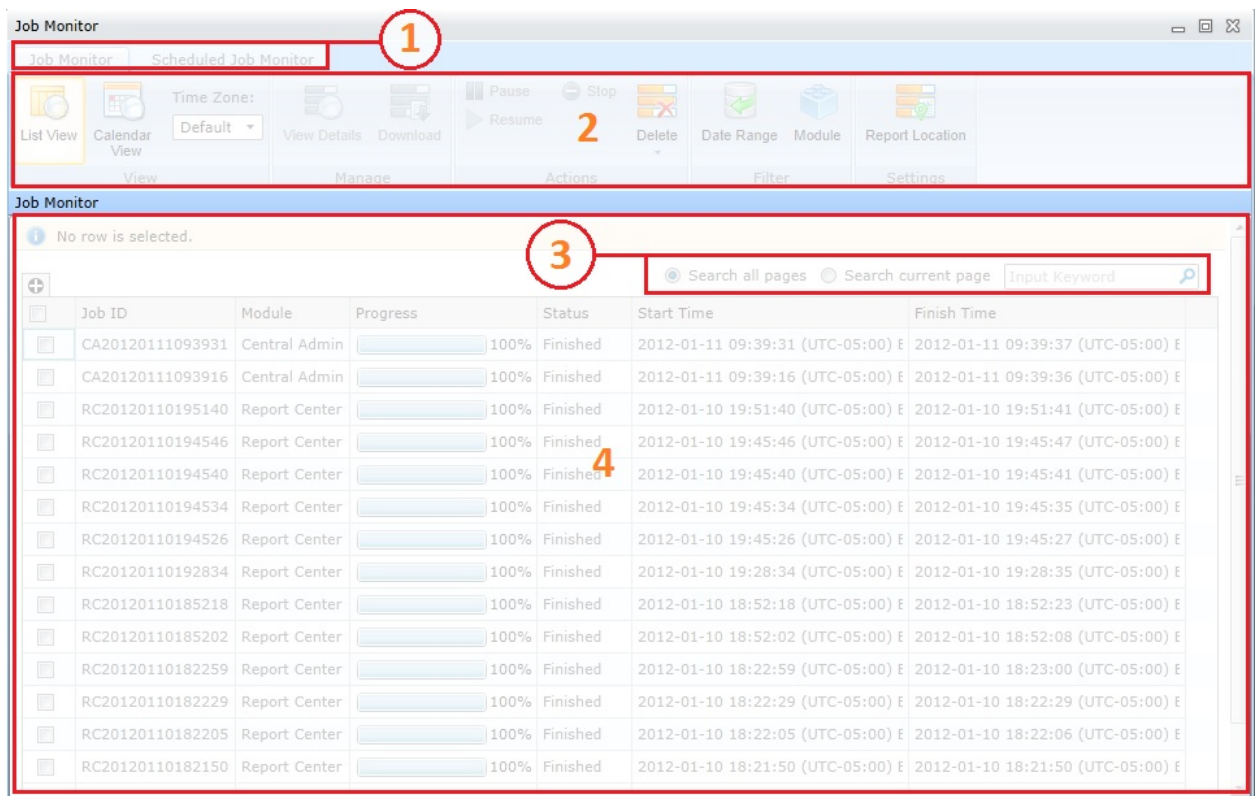


Figure 2: Job Monitor User Interface.

Job Monitor vs. Scheduled Job Monitor

In the Job Monitor module interface, there are two tabs:

- **Job Monitor** tab – In this tab, you can access all of the current and previous jobs.
- **Scheduled Job Monitor** tab – In this tab, you can exclusively access jobs that are scheduled to run in the future.


***Note:** differentiate between scheduled job monitor (jobs scheduled to run in the future) and recurring jobs. Recurring jobs show up in both.

Configuring the Viewing Pane

In both the **Job Monitor** and the **Scheduled Job Monitor** tabs, there is a **View** toolbar and a **Filter** toolbar on the ribbon with further configurable options to help you more efficiently manage your current and previous jobs.

The View Toolbar

Here you can choose to have your jobs displayed in **List View** or **Calendar View**:

- **List View** – In this view, the jobs are displayed in a table. You can add or remove the column(s) as you desire by clicking the  icon. Select the desired column(s) for this view by checking the checkbox next to its name in the drop-down menu. Click **OK** to save your choices, or click **Cancel** to close the drop-down menu without saving your choices.
- **Calendar View** – In this view, the jobs are displayed in a calendar. You can configure the Calendar View to display in **Day**, **Week** or **Month** format by clicking the respective button in the upper right-hand corner. To see detailed information about a job, place your mouse cursor over its time slot.

You can also configure the **Time Zone** here, which allows you to specify a time zone for the job information to be displayed in. By default, the time zone of the job information is set to **Default**. To change the time zone of the job information, click the drop down menu, and select **Local**. Note that in Calendar View, the time zone is set to Local, and cannot be altered.

- **Default** – In the **Job Monitor** tab, the time zone of the machine where the control service is installed. In the Scheduled Job Monitor tab, the default time zone is based on the time zone configured for each schedule.
- **Local** - The time zone of the Internet Explorer used to access DocAve.


The Filter Toolbar

Here you can filter the jobs listed in the viewing pane by **Date Range** or **Module**.

- **Date Range** – This allows you to limit the jobs displayed by specifying a time frame.
- **Module** – This allows you to limit the jobs displayed by specifying the module the jobs are run in.

Searching Jobs

Job Monitor also allows you to search for jobs to further customize which jobs are displayed to you. The search interface is under the toolbar ribbon. Select the corresponding radio button to either **Search all pages** or **Search current page**. Placing your cursor over the Search textbox will bring up a tooltip informing you of the searchable parameters. Note that the search function is not case sensitive.

Since the Job ID includes the start time for the job, to search for a job by start time, simply input the time as a numerical string, then click the  (for example: search for 2011-01-01 17:05:10 by typing *20110101170510* in the search text box).

Managing Jobs

The **Job Monitor** tab and the **Scheduled Job Monitor** tab offers different tools more suitable for managing the different types of jobs.

Operations in the Job Monitor Tab

In the Job Monitor tab, you are provided with a number of tools that allow you to perform actions to jobs you are currently running or have run in the past. The following details what each of these tools do:

***Note:** The tools explained here only cover those in the main Job Monitor module. For details about tools specific to Job Monitor that is integrated into other DocAve products, see the [Integrated Job Monitor](#) section of this guide.

- The **Manage** toolbar:
 - **View Details** – This allows you to view a job report of the selected job. Select the job by checking the corresponding checkbox. Click **View Details** on the ribbon. A **Job Details** tab appears with the job report displayed in the viewing pane with the **Summary** tab selected. The **Summary** tab displays general information about the job. For more in depth information, click the **Details** tab in the viewing pane.
 - **Download** – This allows you to download the job report of the selected job(s) to a specified location. You have the option to set the **Report Format** to be in XLS or TXT format.
- The **Actions** toolbar – you can do the following actions on the selected job(s):
 - **Stop** – This stops the selected in-progress job immediately. The job status will change to *Stopped*, but job information will be retained, as well as any data aggregated by the job. Note that once a job is stopped, in order to run it again, you must launch the respective module > click the **Plan Manager** tab > select the plan by checking the checkbox > Click **Run Now**. Note that when you run the same job again, it will be considered a new job so that previous data is retained.
 - **Delete** – Click **Delete**, then in the drop down menu, select **Delete Job** to delete the job information without sending a notification to anyone.
- The **Settings** toolbar:
 - **Report Location** – This allows you to specify a location for storing the reports generated after running the jobs. If left not configured, the job reports will be stored in the default

location:

... \AvePoint\DocAve6\Manager\work

To store the job reports on a network share, check the checkbox next to **Use the Net Share path as the report location** > type in the **UNC Path** > type in the **Username** > type in the **Password** > click **OK**.

Operations in Scheduled Job Monitor

In the Scheduled Job Monitor tab, you are provided with a number of tools that allow you to perform actions to jobs that you have scheduled to run in the future. The following details what each of these tools do:

***Note:** The tools explained here only cover those in the main Job Monitor module. For details about tools specific to Job Monitor that is integrated into other DocAve products, see the [Integrated Job Monitor](#) section of this guide.

- The **Actions** toolbar – you can do the following actions on the selected job(s):
 - **Enable** – If the status of the selected job is *Disabled*, this button will be available.
 - **Disable** – If the status of the selected job is *Enabled*, this button will be available.
- The **Filter** toolbar:
 - **Date Range** – This allows you to limit the jobs displayed by specifying a time frame.
 - **Module** – This allows you to limit the jobs displayed by specifying the module the jobs are run in.

Integrated Job Monitor

While Job Monitor is able to access and organize jobs across different DocAve products, it is also integrated into these products to not only provide easy access, but additional functionalities tailored to each product and its modules. When Job Monitor is accessed from the interface of a given product's module, it only displays jobs executed by that module, but has all of the functionalities of the stand-alone Job Monitor. The following modules provide additional Job Monitor functionalities:

Product	Module
Data Protection	Platform Backup & Restore
Administration	Administrator
	Content Manager
	Deployment Manager
	Replicator
Report Center	Usage Reports
	Infrastructure Reports
	Administration Reports
	DocAve Reports
	Compliance Reports
Storage Optimization	Archiver

Additional Job Monitor Features for Platform Backup & Restore

In Job Monitor, certain platform backup jobs from Platform Backup & Restore allow you to configure maintenance settings after the job has run. Select an appropriate platform backup job, then click **Maintenance** on the ribbon. You will be brought to the Maintenance tab of Job Monitor. Here you can configure the following settings:

- Maintenance Action – Select the maintenance action(s) for this job by checking the respective checkbox:
 - **Generate InstaMount mapping**
 - **Generate index mapping**
 - **Copy snapshot data**
- Staging SQL Server – Choose to use the **SQL Server for backup**, or choose **Customize SQL Server** to use a custom SQL server as the staging SQL Server.
- Maintenance Notification – Configure the notification settings for this job:
 1. Select **Summary Report Recipient(s)** or **Detailed Report Recipient(s)** for the type of report to include in the e-mail notification.
 2. Enter the e-mail address of the desired recipient, then click **Add**. (If you wish to add numerous recipients for the same report, it may be more efficient to create mailing lists prior to configuring notification recipients.)

- Then specify the detailed settings in **Advanced Settings**.
- Summary Report Level(s) – Set when to send the summary report. By default, **Success**, **Failure** and **Warning** are all selected. After the job completed/failed/completed with exception, a summary report will be sent to the recipient.
- Detailed Report Level(s) – Set when to send the detailed report. By default, **Success**, **Failure** and **Warning** are all selected. After the job completed/failed/completed with exception, a detailed report will be sent to the recipient.
- Message Format – Select the format which the message will be delivered in: **HTML** or **Plain Text**.
- Send all logs to recipient – Select **Yes** to send all logs to recipient when the job failed or select **No** to not send the logs.

When you are finished configuring settings in the Maintenance tab, click **OK** to save the configurations, or click **Cancel** to close the Maintenance tab without saving any changes made.

Additional Job Monitor Features for Administrator

In Job Monitor, selecting the following types of Administrator jobs offer further options:

Admin Search or Security Search Jobs

In Job Monitor, selecting an Admin Search job or a Security Search job will allow you to click **Search Result** on the ribbon. You will be brought to the Search Result Tools tab of Administrator. Here you can perform the following actions on the search results:




- Edit User Permissions
- Remove User Permissions
- Download Report
- Export for Editing
- Import Configuration File

For more details on these actions, see the [DocAve 6 Administrator User Guide](#).

Delete Orphan Site Jobs

In Job Monitor, selecting a Delete Orphan Site job will allow you to click **Orphan Site Deletion** on the ribbon. You will be brought to the Orphan Site Deletion tab of Job Monitor where you can view and manage the deleted orphan sites. Click **Close** on the ribbon to close the tab.

In the viewing pane, you can customize how the deleted orphan sites are displayed in a number of different ways:


- Search – Search allows you to filter the sites displayed by the keyword you designate; The keyword must be contained in a column value. At the top of the Orphan Site Deletion viewing pane, type in the keyword for the plan(s) you wish displayed. You can select for search to **Search all pages** or **Search current page**. Note that the search function is not case sensitive.
-  - You can manage which columns are displayed in the list so that only information you want to see. Click +, then check the checkbox next to the column name to have that column shown in the list.
-  – This allows you to filter which item in the list is displayed. Unlike Search, you can filter whichever item you want, rather than based on a keyword. Click the  of the column you want to filter, then check the checkbox next to the item name to have that item shown in the list.



Select the orphan sites you wish to delete, then click **Next**. Configure the Schedule and Notification settings for this deletion job, then click **Next**. Review your configurations in the Overview page. Click **Finish** to save these configurations, click **Finish and Run Now** to save these configurations and run the job immediately, or click **Cancel** to close the Orphan Sites Deletion tab without saving these configurations.

Dead Account Cleaner Jobs



In Job Monitor, selecting a Dead Account Cleaner job will allow you to click **Dead Account Deletion** on the ribbon. You will be brought to the Dead Account Deletion tab of Job Monitor where you can clone the deleted account's permissions to other users. Click **Close** on the ribbon to close the tab.

In the viewing pane, you can customize how the deleted dead accounts are displayed in a number of different ways:

- Search – Search allows you to filter the sites displayed by the keyword you designate; The keyword must be contained in a column value. At the top of the Dead Account Deletion viewing pane, type in the keyword for the account(s) you wish displayed. You can select for search to **Search all pages** or **Search current page**. Note that the search function is not case sensitive.
-  - You can manage which columns are displayed in the list so that only information you want to see. Click +, then check the checkbox next to the column name to have that column shown in the list.

-  – This allows you to filter which item in the list is displayed. Unlike Search, you can filter whichever item you want, rather than based on a keyword. Click the  of the column you want to filter, then check the checkbox next to the item name to have that item shown in the list.

Select a deleted account to enable user permissions cloning, then configure the following:

1. In the **Clone User Permissions** textbox for its respective account, enter the name of the user(s) who you wish to clone the permissions to, then click  to check the names, or click  to browse for the user(s) you wish to clone the permission to.
2. Click **Next** to save these configurations, and configure Options for Transfer Permissions.
3. In Permissions Option, select **Append** to add the source permissions to the destination permissions, or **Replace** to substitute the destination permissions with the source permissions.
4. In Include Alerts, select **Yes** or **No** for whether or not to have the source user's alerts sent to the destination user(s)
5. In Change Metadata, select **Yes** or **No** for whether or not to transfer the corresponding source user's metadata to the destination user.
6. In Permission Rule, select the rule(s) you wish applied. You can choose to **Include permissions inherited from groups**, which will then enable you to select **Add user to the same groups in the destination**.
7. Click **OK** to save these configurations, or click **Cancel** to close the Dead Account Deletion tab without saving the configurations.

Import Configuration File Jobs




In Job Monitor, selecting an Import Configuration File job will allow you to click **Rollback Changes** on the ribbon. This will change the permissions back to their state prior to the selected job was run.

Search Web Part Jobs

In Job Monitor, selecting a Search Web Part job will allow you to click **Web Part Management** on the ribbon. You will be brought to the Web Part Management tab of Job Monitor where you can view information about the web parts in the selected job. Click **Close** on the ribbon to close the tab.

By default, the **Search Result** tab is selected in the viewing pane. Click the **Web Part Usage** tab to view the web parts by their usage information. In the viewing pane, you can customize how the web parts are displayed in a number of different ways:

- Search – Search allows you to filter the web parts displayed by the keyword you designate; The keyword must be contained in a column value. At the top of the Web Part Management viewing pane, type in the keyword for the web part(s) you wish displayed. You can select for search to **Search all pages** or **Search current page**. Note that the search function is not case sensitive.

-  - You can manage which columns are displayed in the list so that only information you want to see. Click +, then check the checkbox next to the column name to have that column shown in the list.
-  – This allows you to filter which item in the list is displayed. Unlike Search, you can filter whichever item you want, rather than based on a keyword. Click the  of the column you want to filter, then check the checkbox next to the item name to have that item shown in the list.

Select a web part, then click **Remove Web Part**, **Reset Web Part**, or **Close Web Part** to perform the action on the selected web part(s). A popup window will appear to confirm the action. Click **OK** to proceed with the action, or **Cancel** to return to the Web Part Management tab.

Additional Job Monitor Features for Content Manager

In Job Monitor, selecting certain Content Manager job offers further options.

Content Manager Jobs

In Job Monitor, selecting a Content Manager job will allow you to click **Rollback** on the ribbon. You will be brought to the View Mapping tab of Job Monitor where you can view information about the replication plans in the selected job. Click **Close** on the ribbon to close the tab.

Click **Rollback** to return the sites in the executed plan to their state prior to the job was executed.

Content Manager Move Jobs

In Job Monitor, selecting a Content Manager Move job will allow you to click **Delete Content** on the ribbon. Since Move jobs are performed by first copying the content from the source node to the destination node, then deleting the content from the source node, some move jobs can be configured to only execute the copying process then manually deleting the content from the source node. Use this option only after you have verified that the copying process was successful.




Additional Job Monitor Features in Deployment Manager

In Job Monitor, select a Deployment Manager job, then click View Details. You will be brought to the Plan Details tab of Job Monitor with the **Summary** tab selected in the viewing pane. Here you can review general information about the Deployment Manager plan. Click on the **Queue** tab in the viewing pane to see the status of the job in the queue.

Additional Job Monitor Features in Replicator

In Job Monitor, selecting a Replicator job will allow you to click **View Mapping** on the ribbon. You will be brought to the View Mapping tab of Job Monitor where you can view information about the replication plans in the selected job. Click **Close** on the ribbon to close the tab.

In the viewing pane, you can customize how the replication plans are displayed in a number of different ways:

- **Search** – Search allows you to filter the replication plans displayed by the keyword you designate; The keyword must be contained in a column value. At the top of the View Mappings viewing pane, type in the keyword for the process(es) you wish displayed. You can select for search to **Search all pages** or **Search current page**. Note that the search function is not case sensitive.
-  - You can manage which columns are displayed in the list so that only information you want to see. Click +, then check the checkbox next to the column name to have that column shown in the list.
-  – This allows you to filter which item in the list is displayed. Unlike Search, you can filter whichever item you want, rather than based on a keyword. Click the  of the column you want to filter, then check the checkbox next to the item name to have that item shown in the list.

Select a replication plan, then you can do one of the following:

- Click **View Details** to see more information about the execution of the replication plan. In the Mapping Details page, you can view general information about the plan's execution in the **Summary** tab, or click **Details** to see information about items within the plan. Click **Download** to download the Job Report. Select **XLS** or **TXT** as the format for the report, then click **OK** to download the report, or **Cancel** to return to the Mapping Details page.
- Click **Download** to download the Job Report. Select **XLS** or **TXT** as the format for the report, then click **OK** to download the report, or **Cancel** to return to the Mapping Details page.
- Click **Rollback** to return the source and destination nodes to the state in the backup. Backup is configured in the Replicator plan configurations, and is performed prior to the replication process.

Additional Job Monitor Features in Report Center

In Job Monitor, certain Report Center jobs offer additional options.

Workflow Status Jobs from Usage Reports

In Job Monitor, select a Workflow Status report job, then click **View Workflow Status Report** on the ribbon. You will be brought to the Usage Reports tab of Report Center where you can review the workflow status report for the selected job

BLOB Calculator Jobs from Infrastructure Reports

In Job Monitor, select a BLOB Calculator report job then click **View BLOB Calculator** on the ribbon. You will be brought to the Infrastructure Reports tab of Report Center where you can review the size and location of the data in SharePoint databases and external devices for the selected plan.

Compliance Reports

In Job Monitor, selecting a Compliance Report job offer the following options depending on the type of Compliance Report job that was run. Select one of the following:

- User Lifecycle Report – Select the job, then click **View User Life**. You will be brought to the Compliance Reports tab of Report Center where you can review the action report for that user in the selected job.
- List Access Report – Select the job, then click **View List Access**. You will be brought to the Compliance Reports tab of Report Center where you can review the usage information report for that list in the selected job.
- Item Life Report – Select the job, then click **View Item Life**. You will be brought to the Compliance Reports tab of Report Center where you can review entire item life report for that item in the selected job.

- Site Access Report – Select the job, then click **View Site Access**. You will be brought to the Compliance Reports tab of Report Center where you can review the usage information report for that site in the selected job.
- List Deletion Report – Select the job, then click **View List Deletion**. You will be brought to the Compliance Reports tab of Report Center where you can review the deletion information report for that list in the selected job.
- Customized Report – Select the job, then click **View Customized Report**. You will be brought to the Compliance Reports tab of Report Center where you can review the customized report you have configured.

Additional Job Monitor Features in Archiver

In Job Monitor, select a Merge Index job from Archiver, then click **Start** to start the selected job.

Index

+ Icon, 7, 13, 14, 15, 16
Add, 12
Add user to the same groups in the destination, 14
Advanced Settings, 12
Append, 14
Calendar View, 7
Cancel, 7, 12, 13, 14, 15, 17
Clone User Permissions, 14
Close, 13, 15, 16
Close Web Part, 15
Copy snapshot data, 11
Customize SQL Server, 11
Date Range, 8, 10
Day, 7
Dead Account Deletion, 13
Default, 7
Delete, 9
Delete Content, 16
Delete Job, 9
Detailed Report Recipient(s), 11
Details, 9, 17
Disable, 10
DocAve, 5
Download, 9, 17
Enable, 10
Failure, 12
Filter Icon, 13, 14, 15, 16
Finish, 13
Finish and Run Now, 13
Generate index mapping, 11
Generate InstaMount mapping, 11
HTML, 12
Include permissions inherited from groups, 14
JM Icon, 5
Job Details, 9
Job Monitor, 5
Job Monitor tab, 7
List View, 7
Local, 7
Maintenance, 11
Module, 8, 10
Month, 7
Next, 13, 14
No, 12, 14
OK, 7, 10, 12, 14, 15, 17

Orphan Site Deletion, 13
Password, 10
Plain Text, 12
Plan Manager tab, 9
Queue, 16
Remove Web Part, Reset Web Part, 15
Replace, 14
Report Format, 9
Report Location, 10
Rollback, 15, 17
Rollback Changes, 14
Run Now, 9
Scheduled Job Monitor tab, 7
Search all pages, 8, 13, 14, 15, 16
Search current, 13
Search current page, 8, 14, 15, 16
Search Icon, 8
Search Result, 12, 15
SQL Server for backup, 11
Start, 18
Stop, 9
Success, 12
Summary, 9, 16, 17
Summary Report Recipient(s), 11
Time Zone, 7
TXT, 17
UNC Path, 10
Use the Net Share path as the report location, 10
Username, 10
View BLOB Calculator, 17
View Customized Report, 18
View Details, 9, 17
View Item Life, 18
View List Access, 17
View List Deletion, 18
View Mapping, 16
View Site Access, 18
View User Life, 17
View Workflow Status Report, 17
Warning, 12
Web Part Management, 15
Web Part Usage, 15
Week, 7
XLS, 17
Yes, 14

Notices and Copyright Information

Notice

The materials contained in this publication are owned or provided by AvePoint, Inc. and are the property of AvePoint or its licensors, and are protected by copyright, trademark and other intellectual property laws. No trademark or copyright notice in this publication may be removed or altered in any way.

Copyright

Copyright © 2011 AvePoint, Inc. All rights reserved. All materials contained in this publication are protected by United States copyright law and no part of this publication may be reproduced, modified, displayed, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of AvePoint, 3 Second Street, Jersey City, NJ 07311, USA or, in the case of materials in this publication owned by third parties, without such third party's consent.

Trademarks

AvePoint[®], DocAve[®], the AvePoint logo, and the AvePoint Pyramid logo are registered trademarks of AvePoint, Inc. with the United States Patent and Trademark Office. These registered trademarks, along with all other trademarks of AvePoint used in this publication are the exclusive property of AvePoint and may not be used without prior written consent.

Microsoft, MS-DOS, Internet Explorer, Microsoft Office SharePoint Servers 2007/2010, SharePoint Portal Server 2003, Windows SharePoint Services, Windows SQL server, and Windows are either registered trademarks or trademarks of Microsoft Corporation.

Adobe Acrobat and Acrobat Reader are trademarks of Adobe Systems, Inc.

All other trademarks contained in this publication are the property of their respective owners and may not be used such party's consent.

Changes

The material in this publication is for information purposes only and is subject to change without notice. While reasonable efforts have been made in the preparation of this publication to ensure its accuracy, AvePoint makes no representation or warranty, expressed or implied, as to its completeness, accuracy, or suitability, and assumes no liability resulting from errors or omissions in this publication or from the use of the information contained herein. AvePoint reserves the right to make changes in the Graphical User Interface of the AvePoint software without reservation and without notification to its users.

AvePoint, Inc.
3 Second Street
Jersey City, NJ 07311
USA