Page Title: backup-profile

On this page

Backup Profile

A Backup Profile is a fundamental element for configuring backups. It defines what data is backed up and the retention settings. Essentially, there are two types of Backup profiles; namely, Configuration Database (ConfigDB) and Report Database (ReportDB) which can be created. By default, a ConfigDB profile will be created in Motadata AIOps. A

Storage Profile

 will be mapped to these Backup Profiles.

Here's what you can do with Backup Profiles:

Map Storage Profiles

: You can map Storage Profiles to Backup Profiles to specify an external location for backup storage apart from the local backup.

Notify relevant teams

: You can send messages to relevant teams via Email and SMS to notify them about a successfull backup run.

Navigation

â€‹

Go to Menu. Select

System Settings

. After that, select

Backup Profile

. The Backup Profile screen is now displayed.

Backup Profile Screen

â€‹

As mentioned previously, by default, a Config DB profile will be available out-of-the-box in Motadata AIOps. All the user-created and system-generated profiles will be listed on this screen with the following details:

Field

Description

Backup Profile Name

The name of the Backup Profile.

Database Type

The type of database, whether Config DB or Report DB.

Backup Destination

The destination of the Backup file based on the

Storage Destination

specified in the Storage Profile attached to the Backup Profile.

Last Ran At

Timestamp of the last run of the back up profile.

Result

Select

View Result

to view the result of upto last 7 Backup Profile runs.

Backup Profile Status

Use this toggle button to switch ON/OFF the Backup Profile Scheduler.

Actions

Select

to manually run the Backup Profile.

Select

to reveal the options.

- Click on the

Edit Backup Profile

option to edit the Backup Profile Configuration.

note

Only ConfigDB Backup Profile will have the option run the scheduler manually.

Edit Backup Profile Configuration

â€‹

You need to Edit a Backup Profile configuration only when:

You need to attach a new Storage Profile to the Backup Profile.

You need to change the schedule of the backup execution.

You need to change the personnel to be notified after a successfull backup.

Under

Actions

, select

and click on the

Edit Backup Profile

option to edit the Backup Profile Configuration. Since ConfigDB and ReportDB Database types offer different configuration options, let's look at them one by one.

ConfigDB

ReportDB

Field

Description

Profile Name

You cannot edit the Backup profile name.

Database Type

You cannot edit the Database Type of as there is a seperate Backup Profile available for each Database Type

.

Storage Profile

Select an already created

Storage Profile

to map to the Backup Profile.

Create Storage Profile

Use this button to create a new

Storage Profile

to map to the Backup Profile.

Scheduler Type

Select the

Scheduler Type

as per your requirement.

Start Date

Select the

Start Date

of the scheduler.

Hours

Select the time at which the scheduler will run.

Notify via Email

Enter the email address of the recipients to notify when the backup is completed. Once you have entered the email address, Click on

to save the email address. After saving the email address, you can go ahead and enter the next address if needed.

Notify via SMS

Enter the contact number of the recipient to notify when the backup is completed. Once you have entered the contact number, Click on the

to save the contact number. After saving the contact number, you can go ahead and enter another

contact number if needed.

Field

Description

Profile Name

You cannot edit the Backup profile name.

Database Type

You cannot edit the Database Type of as there is a seperate Backup Profile available for each

Database Type

.

Datastore Type

You can choose to select the type of data that needs to be backed up depending on your requirements.

Storage Profile

Select an already created

Storage Profile

to map to the Backup Profile.

Create Storage Profile

Use this button to create a new

Storage Profile

to map to the Backup Profile.

Scheduler Type

Select the

Scheduler Type

as per your requirement.

Start Date

Select the

Start Date

of the scheduler.

Hours

Select the time at which the scheduler will run.

Notify via Email

Enter the email address of the recipients to notify when the backup is completed. Once you have entered the email address, Click on

to save the email address. After saving the email address, you can go ahead and enter the next address if needed.

Notify via SMS

Enter the contact number of the recipient to notify when the backup is completed. Once you have entered the contact number, Click on the

to save the contact number. After saving the contact number, you can go ahead and enter another contact number if needed.

Select the

Update Backup Profile

button to save the changes.

Select the

Reset

button to erase all the current field values, if required.

Page Title: overview

On this page

Overview

This section covers the essential processes of backing up and restoring critical components within Motadata AIOps, including the configuration database (config db), report database (report db), and NCM devices. Proper backup and restoration procedures are vital for data security and system recovery.

This process involves setting up two key profiles: the

Backup Profile

and the

Storage Profile

. The backup taken by the configuration of these profiles is then used for

Restoration

when required.

The Backup for the config db and report database report db will be taken in Motadata AIOps by default as per a pre-defined schedule. In case you need to make any changes to the Backup Process in Motadata AIOps, you can do that with the help of the Backup Profile and Storage Profile. Let us understand when will you need to edit the pre-defined Backup and Storage Profiles in Motadata AIOps.

Why Configure These Profiles?

â€‹

Before diving into the detailed backup and restore processes, let's understand why and when do you need to configure these profiles.

These profiles will already be setup by default in Motadata AIOps so that the Backup can be executed as per a pre-defined schedule once Motadata AIOps is installed on your server and the Backup file will be stored on the local server only by default.

Let us understand what these profiles do and when you need to configure changes in the same.

Backup Profile

â€‹

A Backup Profile is a fundamental element for configuring backups. It defines what data is backed up, the backup schedule, and the retention settings. A Backup file is created when a Backup Profile run is executed in Motadata AIOps successfully.

A backup profile for each of configuration database (config db) and report database (report db) will be created for you in Motadata AIOps by default. A

Storage Profile

will be mapped to these Backup Profiles by default with the Backup Storage Destination specified as

Local

. You do not need to create a new Backup Profile. All the use cases will be served with the existing Backup Profiles already created for you.

You need to Edit a Backup Profile configuration only when:

You need to attach a new Storage Profile to the Backup Profile.

You need to change the retention settigns of backup files.

You need to change the schedule of the backup exection.

You need to change the personnel to be notified after a successfull backup.

Storage Profile

â€‹

The Storage Profile complements the Backup Profile by specifying where the backups are stored. You can use the Storage Profile to specify external destinations, such as FTP, TFTP servers, or NAS storage. This enables you to create backup copies at different locations, enhancing data security. The Storage Profile needs to be mapped to one of the two Backup Profiles based on the type of the backup you wish to take.

Storage Profile also acts as a medium to backup NCM devices in Motadata AIOps. You can attach a

Storage profile to a NCM device to enable the backup of NCM devices. Refer NCM device backup to understand more about the same.

You need to create/edit a Storage Profile configuration only when:

You need to specify an external storage location where the backup will be stored.

Other Key Components

â€‹

External Backups

: With the help of Storage Profiles, backups can be sent to external servers or storage systems. This is particularly useful when you need to maintain off-site backups for redundancy and disaster recovery.

Local Backup

: All backups are initially stored on the local server as a primary copy after the successfull execution of a backup profile.

Restore

: Restoration of backups is based on local copies created using the Backup Profile. The system retains specific versions of backups based on the retention settings configured in the Backup Profile.

Page Title: restoring-backups

On this page

Restoring Backups

This section guides you to the restore processes in Motadata AIOps. It highlights the key components and concepts that you'll encounter throughout this module. Restoration of backups is essential for system recovery in the event of data loss or issues.

Restoration of backups is based on the local copies created using Backup Profiles. The system retains specific versions of backups based on the retention settings configured in the Backup Profile.

We can restore the configuration database (config db) and report database (report db) based on the local backups created using Backup Profiles. You can restore the config db from the Health screen in Motadata AIOps. For Report db, restoration should be done manually.

Navigation

â€‹

Click on

 at the top right of the screen. Select the

Restore

 tab on the health screen. The Backup Restore screen is now displayed.

Field

Description

Backup File Name

The name of the backup file.

Backup Size

The size of the backup file.

Backup Profile

The Backup Profile corresponding to the backup file.

Backup Location

The location of the backup file as configured in the Storage Profile whether local, FTP, SFTP, or TFTP.

Timestamp

The time at which the backup was completed.

How to Restore the Config db Backup file?

â€‹

The Backup files are available on the health screen. You can restore the config db using the files available on the health screen. Navigate to the backup file you want to restore. Select the check-box against the file and click on the

Restore

button.

Enter the backup password that you configured in the Storage Profile. Click on

Confirm

after you enter the password. The backup restoration will start after this.

While restoring ConfigDB backup, you will not be able to access Motadata AIOps UI and all monitoring activity will be stopped. Restoration time will depend on your ConfigDB size. You may have data loss if you will restore older backup file.

note

For Backup restoration, ensure that the backup file is compatible with the current Motadata AIOps version.

Once the restoration is completed, you will be redirected to the Motadata AIOps UI.

Page Title: storage-profile

On this page

Storage Profile

The Storage Profile complements Backup Profiles by specifying where the backups are stored. It's particularly useful when you want to maintain off-site backups for redundancy and disaster recovery.

The Storage Profile complements the Backup Profile by specifying where the backups are stored. You can use the Storage Profile to specify external destinations, such as FTP, TFTP servers, or NAS storage. This enables you to create backup copies at different locations, enhancing data security. The Storage Profile needs to be mapped to one of the two types of

Backup Profiles

based on the kind of the backup you wish to take.

Storage Profile also acts as a medium to backup NCM devices in Motadata AIOps. You can attach a Storage profile to a NCM device to enable the backup of NCM devices. Refer NCM device backup to understand more about the same.

Here's what you can do with Storage Profiles:

Configure

: Create Storage Profiles for external storage destinations, such as FTP, TFTP servers, NAS storage, and more.

Map Storage Profile to Backup Profile

: Attach a Storage Profile to a Backup Profile to define the destination for the backup copies. This ensures that backups are sent to both the local server and external destinations configured in the Storage Profile.

Navigation

â€‹

Go to Menu. Select

System Settings

. After that, select

Storage Profile

. The Storage Profile screen is now displayed.

Storage Profile Screen

â€‹

The pre-defined Storage Profiles mapped to the pre-defined Backup Profiles are available on the Storage Profile screen with the following details:

A pre-defined Storage Profile mapped to the default Backup Profile will be available out-of-the-box in Motadata AIOps. All the system-generated and user-created profiles will be listed on this screen.

Field

Description

Storage Profile Name

The name of the Storage Profile.

Used Count

The count of the entities where the Storage Profile is mapped, whether Backup Profile or NCM devices.

Storage Destination

The external location of the Backup file.

Actions

Select

and then click on the

Edit Profile

or

Delete Profile

as per your need.

Create/Edit Storage Profile

â€‹

You need to create/edit a Storage Profile configuration only when:

You need to specify an external storage location where the backup will be stored.

Create Storage Profile

â€‹

Select the

Create Storage Profile

button to create a new Storage Profile. Since the configuration options vary as per the

Storage Destination

, let's take a look at them one-by-one.

FTP

SFTP

TFTP

Local

Field

Description

Storage Profile Name

Enter a unique name of the Storage Profile.

Storage Destination

Select

FTP

as the storage location of the backup file from the dropdown.

IP/Host

Specify the IP or Hostname of the external storage server whether FTP, TFTP, or SFTP.

Port

Specify the Port Number of the external storage server.

User Name

Provide the user name for protocol used to connect to the external storage server.

Password

Provide the password for protocol used to connect to the external storage server.

Path

Specify the path where you want to store the Backup file on the server.

Field

Description

Storage Profile Name

Enter a unique name of the Storage Profile.

Storage Destination

Select

SFTP

as the storage location of the backup file from the dropdown.

IP/Host

Specify the IP or Hostname of the external storage server whether FTP, TFTP, or SFTP.

Port

Specify the Port Number of the external storage server.

User Name

Provide the user name for protocol used to connect to the external storage server.

Password

Provide the password for protocol used to connect to the external storage server.

Path

Specify the path where you want to store the Backup file on the server.

Field

Description

Storage Profile Name

Enter a unique name of the Storage Profile.

Storage Destination

Select

TFTP

as the storage location of the backup file from the dropdown.

IP/Host

Specify the IP or Hostname of the external storage server whether FTP, TFTP, or SFTP.

Port

Specify the Port Number of the external storage server.

Field

Description

Path

Specify the path where you want to store the Backup file on the server.

Select the

Test

button to test the credentials you have entered to connect to the external server.

Select the

Reset

button to erase all the current field values, if required.

Select the

Create Storage Profile

button to create the storage profile.

Edit Storage Profile

â€‹

Under

Actions

, select

and click on the

Edit Storage Profile

option to edit the Storage Profile Configuration.

Here, you can edit the configuration of the storage profile as per your requirement.