

Version: 3.3

# Configure skill

Once Adverse Media Monitoring is installed, configure the skill before running it for the first time.

You can configure multiple variations, or sets of parameters, for AMM. For example, a different media provider or a set of keywords per variation. For more information, see the [10.2.5 release notes](#).

## Credentials

Before setting the news providers, ensure you have obtained the corresponding license with credentials.

The following search providers are supported:

- Google API
- Dow Jones Factiva Headlines
- LexisNexis L&P Media
- World-Check One

You must acquire licenses and credentials for all providers except for Google API. WorkFusion's AMM solution includes access to Google API at no additional cost.

If you are using Google API, provide the credentials first. To do that on a GCP-hosted environment, see the instruction under the expand:

▶ [Provide new credentials for Google API](#)

You must first set up the above credentials in the Secrets Vault to use other providers besides Google API. For the step-by-step instructions, see this [guide](#).

## Configure Proxy

To configure a proxy, do the following:

1. Log in to the Control Tower.

2. In the main menu, navigate to **Advanced** and select **Data Stores**.
3. Select the `uc_amm_configuration_v1` configuration and specify the following:

Name	Example	Notes
<code>proxy.host</code>	<code>proxy.customerdomain.com</code>	Use your proxy host
<code>proxy.port</code>	9473	Use your proxy port
<code>proxy.credentialsAlias</code>	<code>amm_proxy_credentials</code>	Specify the name of the proxy credentials in Secrets Vault. Configure only if the proxy requires authentication.

4. If the proxy requires authentication, in Secrets Vault, set up proxy credentials.

See [Set up Secrets Vault](#). The key is the username address, and the value is the password.

## Input

To set up your installed Digital Worker, do the following:

1. In the **Control Tower** menu, in the **Digital Workers** section, find your newly installed AMM skill, and click the **Prepare** button.

The **Prepare your digital worker** window containing a configuration form appears.

2. In the window, on the **Input** step, select a news provider for searching for news about the entity or individual. "Google API" is set by default.

The required configurations may differ based on the selected news provider.

## Prepare your digital worker

The screenshot shows a configuration interface for a digital worker skill. On the left, a vertical navigation bar indicates three steps: 1. Input (selected), 2. Investigation, and 3. Output. The 'Input' step is detailed below:

- Search Provider\***: A dropdown menu showing 'Google' (selected) and 'Select...'.
- Factiva**, **LexisNexis**, and **World-Check One** are listed under investigation providers.
- Article Language ?\***: A dropdown menu showing 'English'.
- Keyword Language\***: A dropdown menu showing 'English'.
- Keywords**: A grid of terms related to legal and criminal activities, each with a delete icon ('X').

ACCUSE X	ARREST X	BRIBE X	CONVICT X	CORRUPT X
COUNTERFEIT X	CRIME X	EMBEZZLEMENT X	FRAUD X	GUILT X
ILLEGAL X	INDICTMENT X	INVESTIGATION X	KICKBACK X	
MONEY LAUNDERING X	NARCOTIC X	PENALTY X	SANCTION X	
SENTENCED X	EVASION X	TERRORIST X	THEFT X	TRAFFICKING X
VIOLATION X				

A blue 'Next →' button is located at the bottom right of the configuration area.

The Adverse Media Monitoring skill supports news retrieval from the following news providers:

- Google API
- Dow Jones Factiva Headlines
- LexisNexis L&P News v1
- World-Check One

The AMM skill can return results from up to four providers at a time. When selecting several providers, each will appear in a separate, collapsible section. Review each section carefully to ensure all required parameters are configured correctly. Available parameters may vary by provider.

X

## Prepare your digital worker

1 Input

Search Provider\*

[Google](#) [X](#) [Factiva](#) [X](#) [LexisNexis](#) [X](#) [World-Check One](#) [X](#) [Select...](#)

2 Investigation

- [Google](#)
- [Factiva](#)
- [LexisNexis](#)
- [World-Check One](#)

3 Output

[Next →](#)

See the following sections for a detailed description of each provider setting.

[Google API](#)

## Prepare your digital worker

X

1 Input

Search Provider ⓘ\*

 x ▾

2 Investigation

Google API Credentials Location ⓘ\*

3 Output

Article Language ⓘ\*

 x ▾

Number of Articles to Extract ⓘ\*

Search Time Period ⓘ\*

 x ▾

File Types to Exclude from Results ⓘ

High-Risk Countries ⓘ

Keywords ⓘ

ACCUSE X ARREST X BRIBE X CONVICT X CORRUPT X  
COUNTERFEIT X CRIME X EMBEZZLEMENT X FRAUD X GUILT X  
ILLEGAL X INDICTMENT X INVESTIGATION X KICKBACK X  
MONEY LAUNDERING X NARCOTIC X PENALTY X SANCTION X  
SENTENCED X EVASION X TERRORIST X THEFT X TRAFFICKING X  
VIOLATION X

Enable Keyword Thesaurus ⓘ

Yes  No

Next →

- **Google API Credentials Location.** Specify the corresponding Secret Vault alias for the Google API system.
- **Article Language.** Select the language of articles to search in. 'Any' language is used by default. You can also choose **Keyword Language** and its following options:
  - **Shared** creates a single input field for keywords.
  - **Defined by keyword language**

- **Number of articles to extract.** Specify the maximum number of reports to fetch from 1 to 20. By default, up to **20** articles are retrieved.
- **Search Time period.** Select an option to find information published during a specific time frame. To specify the starting and the ending date for the articles' search, select **Custom Range**.
- **Dynamic Location Search.** Select to dynamically broaden the search location for an entity if no results were found.
- **Keywords.** Specify keywords to be used for the search. You can add a maximum of 28 words.

The following keywords are added by default based on the article languages you select:

- English:

ACCUSE, ARREST, BRIBE, CONVICT, CORRUPT, COUNTERFEIT, CRIME, EMBEZZLEMENT, FRAUD, GUILT, ILLEGAL, INDICTMENT, INVESTIGATION, KICKBACK, MONEY LAUNDERING, NARCOTIC, PENALTY, SANCTION, SENTENCED, EVASION, TERRORIST, THEFT, TRAFFICKING, VIOLATION

- Spanish:

ACUSAR, ARRESTAR, SOBORNO, CORRUPTO, FALSIFICACIÓN, CRIMEN, MALVERSACIÓN, FRAUDE, CULPA, ILEGAL, ACUSACIÓN, INVESTIGACIÓN, CONTRAGOLPE, LAVADO DE DINERO, NARCÓTICO, MULTA, SANCIÓN, SENTENCIADO, EVASIÓN, TERRORISTA, ROBO, TRÁFICO, VIOLACIÓN

- **Enable Keyword Thesaurus.** Activate to look not only for exact keywords but also for their synonyms. By default, the feature is turned on. Disable it if your organization requires only exact matches on all keywords.
- **High-risk countries.** Select countries from the dropdown or enter their names in the search field. The high-risk countries configured here are highlighted in articles returned from each investigation.
- **File types to exclude from results.** Select the file types that you want to exclude from Google results:
  - HTML is included by default.

- o Non-HTML file types do not have the same metadata and tagging. Excluding them reduces the number of articles to review and false hits by 50% without increasing the risk of missing a true hit.

## Factiva

**Prepare your digital worker**

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1 Input

Search Provider ⓘ\*

2 Investigation

Factiva API URL ⓘ\*

3 Output

Factiva Credentials Location ⓘ\*

Article Language ⓘ\*

Number of Articles to Extract ⓘ\*

Search Time Period ⓘ\*

High-Risk Countries ⓘ

Keywords ⓘ

ACCUSE X ARREST X BRIBE X CONVICT X CORRUPT X  
COUNTERFEIT X CRIME X EMBEZZLEMENT X FRAUD X GUILT X  
ILLEGAL X INDICTMENT X INVESTIGATION X KICKBACK X  
MONEY LAUNDERING X NARCOTIC X PENALTY X SANCTION X  
SENTENCED X EVASION X TERRORIST X THEFT X TRAFFICKING X  
VIOLATION X

**Next →**

- **Factiva API URL.** Select the address of the Factiva API. Available options:

- o <https://api.beta.dowjones.com>
- o <https://djrc.api.dowjones.com>

- **Factiva Credentials Location.** Specify the corresponding Secrets Vault alias for the Factiva system.
- **Article Language.** Select the language of articles to search in. The 'English' language is used by default.
- **Number of articles to extract.** Specify the maximum number of reports to fetch from 1 to 20. By default, up to **20** articles are retrieved.
- **Search Time period.** Select an option to find information published during a specific time frame.
- **Keywords.** Specify keywords to be used for the search. You can add a maximum of 28 words.

The following keywords are added by default based on the article languages you select:

- English:

ACCUSE, ARREST, BRIBE, CONVICT, CORRUPT, COUNTERFEIT, CRIME, EMBEZZLEMENT, FRAUD, GUILT, ILLEGAL, INDICTMENT, INVESTIGATION, KICKBACK, MONEY LAUNDERING, NARCOTIC, PENALTY, SANCTION, SENTENCED, EVASION, TERRORIST, THEFT, TRAFFICKING, VIOLATION

- Spanish:

ACUSAR, ARRESTAR, SOBORNO, CORRUPTO, FALSIFICACIÓN, CRIMEN, MALVERSACIÓN, FRAUDE, CULPA, ILEGAL, ACUSACIÓN, INVESTIGACIÓN, CONTRAGOLPE, LAVADO DE DINERO, NARCÓTICO, MULTA, SANCIÓN, SENTENCIADO, EVASIÓN, TERRORISTA, ROBO, TRÁFICO, VIOLACIÓN

- **High-risk countries.** Select countries from the dropdown or enter their names in the search field. The high-risk countries configured here are highlighted in articles returned from each investigation.

## Prepare your digital worker

1 Input

Search Provider ⓘ\*

2 Investigation

LexisNexis API URL ⓘ\*

LexisNexis Auth URL ⓘ\*

LexisNexis Credentials Location ⓘ\*

Article Language ⓘ\*

Number of Articles to Extract ⓘ\*

Search Time Period ⓘ\*

High-Risk Countries ⓘ

Keywords ⓘ

ACCUSE X ARREST X BRIBE X CONVICT X CORRUPT X  
COUNTERFEIT X CRIME X EMBEZZLEMENT X FRAUD X GUILT X  
ILLEGAL X INDICTMENT X INVESTIGATION X KICKBACK X  
MONEY LAUNDERING X NARCOTIC X PENALTY X SANCTION X  
SENTENCED X EVASION X TERRORIST X THEFT X TRAFFICKING X  
VIOLATION X

Next →

- **LexisNexis API URL.** Select the address of the LexisNexis API. By default, <https://services-api.lexisnexis.com>.
- **LexisNexis Authentication URL.** Specify the Authentication URL for the LexisNexis News. By default, <https://auth-api.lexisnexis.com>.
- **LexisNexis Credentials Location.** Specify the corresponding Secret Vault alias for the LexisNexis News system.
- **Article Language.** Select the language of articles to search in. The 'English' language is used by default.

- **Number of articles to extract.** Specify the maximum number of reports to fetch from 1 to 20. By default, up to 20 articles are retrieved.
- **Search Time period.** Select an option to find information published during a specific time frame.
- **High-risk countries.** Select countries from the dropdown or enter their names in the search field. The high-risk countries configured here are highlighted in articles returned from each investigation.
- **Keywords.** Specify keywords to be used for the search. You can add a maximum of 28 words.

## World-Check One

Prepare your digital worker X

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Search Provider ②\*

World-Check One API URL ②\*

World-Check One Credentials Location ②\*

Number of Articles to Extract ②\*

Search Time Period ②\*

[Save & continue later](#)
[✓ Finish](#)

- **World-Check One API URL.** Select the address of the World-Check One API. The default one is <https://api-worldcheck.refinitiv.com>.
- **World-Check One Group.** Specify the Group Id for the World-Check One system.
- **World-Check One Credentials Location.** Specify the corresponding Secret Vault alias for the World-Check One system.
- **Article Language.** Select the language of articles to search in. The 'English' language is used by default.
- **Number of articles to extract.** Specify the maximum number of reports to fetch from 1 to 20. By default, up to 20 articles are retrieved.
- **Search Time period.** Select an option to find information published during a specific time frame.

- **High-risk countries.** Select countries from the dropdown or enter their names in the search field. The high-risk countries configured here are highlighted in articles returned from each investigation.

#### INFO

For the **World-Check One** provider, the keywords highlight important sections within each article returned by the search, but not for the API call. You must configure keywords to be used in a search at the World-Check One's website.

## Investigation

After setting the Input parameters, click **Next** to go to the following step of the wizard.

- **ML Model Version.** Select the model version to use. The latest model is selected by default.
- **Identify Duplicate Articles.** Select **Yes** to identify and group articles by the configurable similarity threshold. By default, the value is set to 50%.
- **Remove Legal Endings.** Select **Yes** to remove legal endings from the company entities. Entities with common names or small businesses (LLCs, S corps) may receive more tailored results when the option is set to **No**.
- **Human-in-the-Loop.** Select **Yes** to enable the Manual Review Step (aka Human in the Loop). If the option is on, configure the additional options:
  - **Frequency of use:** Specify how frequently a Manual Task is created when at least one result per entity is found.
  - **Require users to disposition all articles.** Select **Yes** if users are required to disposition all articles before closing an investigation in Workspace.
  - **Automatically route users to the next task.** Select **Yes** to direct users to the next task in the queue. If the option is disabled, the users are always returned to the main queue list after closing or saving an assignment.
- **Number of submit investigation tasks.** When running the Launcher Business Process, specify how many "Submit Investigation Tasks" you want to create. One task is suggested for two or three analysts.

## Prepare your digital worker

x

1 Input

ML Model Version ⓘ\*

amm-classification-v3.2.0

2 Investigation

Identify Duplicate Articles? ⓘ\*

Yes  No

3 Output

50 %

Remove Legal Endings ⓘ\*

Yes  No

Human-in-the-loop ⓘ\*

Yes  No

Require users to disposition all articles? ⓘ

Yes  No

Frequency Of Use? ⓘ

Always Use  Skip if all articles for an entity are false positive

Automatically route users to the next task ⓘ

[← Back](#) [Next →](#)

## Output

In the last step, specify the Output parameters:

- **Interface Language.** Select the language of the final report and Manual Tasks.
- **Report Format.** Select the report file format for generating a screening request: HTML or PDF.

## Prepare your digital worker

X

Input

Interface Language ⓘ\*

English

Investigation

Report Format ⓘ\*

PDF

Output

3

← Back

✓ Finish

## Review

Once you complete the required fields, review the configuration. You can return to any step to change previous settings before finalizing. If everything looks correct, click **Finish**. You are now ready to use the Adverse Media Monitoring skill.

## Advanced settings

### Configure Data Purge

The **Data Purge Business Process** is an additional part of Adverse Media Monitoring Digital Worker that allows for cleaning up old data on the environment.

### Configure Data Purge settings

To configure Data Purge settings, do the following:

1. Log in to Control Tower.
2. Click the **Advanced** tab and select **Data Stores**.

3. Select **uc\_amm\_configuration\_v1** and set the following parameters:

Name	Value type	Example	Description
<code>dataPurge.storagePeriodInDays</code>	Integer	30	How many days should pass after the completion of the transaction to delete the data
<code>dataPurge.deleteReports</code>	true/false	false	Set to "true" to delete generated reports
<code>dataPurge.deleteAnalyticsData</code>	true/false	false	Set to "true" to delete analytics data

## Configure Data Purge scheduling

You can run the Data Purge BP manually or on a schedule.

To configure the schedule, do the following:

1. Log in to Control Tower.
2. Go to the **Advanced** tab and select **Schedules**.
3. Click **Create**.
4. On the **Create Schedule** window, select the following parameters:
  - o In **Task or Process Definition**, select "Adverse Media Monitoring Data Purge vX.X.X | AMM | X.X.X".
  - o In **Input Data**, select "Empty".
  - o Specify **Schedule Period** to run Data Purge only for some period. Otherwise, leave it empty.
  - o In **Schedule Name**, set the operation's name, for example, "Adverse Media Monitoring Data Purge".

- In **Schedule Frequency**, specify days and times when Data Purge must be started. It is recommended to set the time when the environment is least loaded, for example, nightly hours on weekends.

The screenshot shows the 'Create Schedule' interface in the Control Tower. The left sidebar has 'Advanced' selected under 'Schedules'. The main form is titled 'Create Schedule' and includes fields for task definition, input data, schedule period, and repair attempts. On the right, detailed settings like schedule name, description, tags, frequency, and cron expression are configured. The bottom right features 'Cancel' and 'Save' buttons.

## 5. Click Save.

After that, the purge operation runs automatically on a specified day and time.

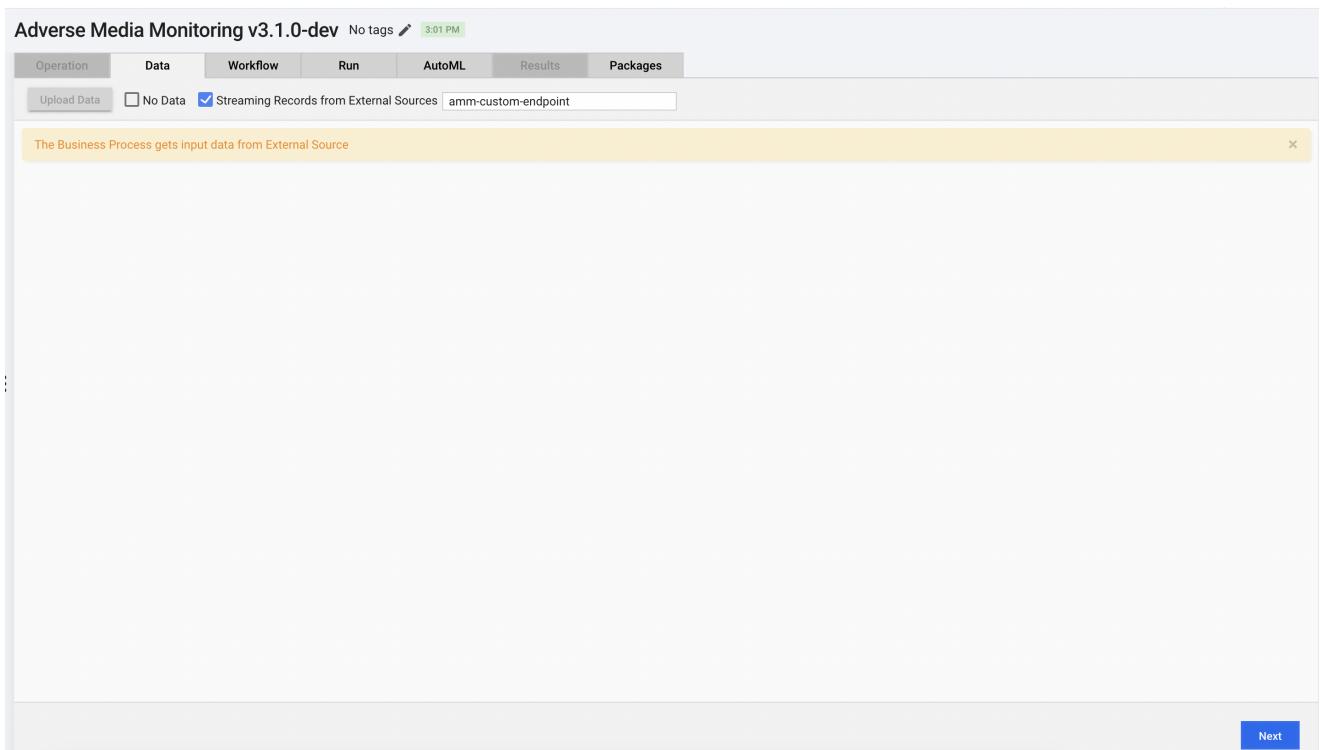
To learn more about data clearing, see the following sections on Purge in the Enterprise Edition documentation:

- [Overview](#)
- [Configure and run](#)
- [API](#)

## Configure REST API Endpoints

To configure REST Endpoints for Adverse Media Monitoring, perform the following steps:

1. In Control Tower, open the main BP definition **Adverse Media Monitoring vX.X.X**, and on the **Data** tab, select **Streaming Records from External Sources**. Here, also specify a custom [signal id](#):



2. On the **Run** tab, click **Run This Process**.

3. After the BP starts, return to the **Run** tab and click **Show API** to find all available generated endpoints:

### Input Connector API

X

POST https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/execute-record-raw/amm-custom-endpoint

POST https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/execute-record-json/amm-custom-endpoint

POST https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/start-record-raw/amm-custom-endpoint

POST https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/start-record-json/amm-custom-endpoint

GET https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/check-record-status/{request-id}

GET https://[REDACTED]:10000/workfusion-lb1.wflab.io/input-connector-rest/get-record-result/{request-id}

For detailed information on invoking transactions and getting access to a token, see [Running Skills via REST API](#).