

# Data Collector

Getting results in your collection is not hard. To get started, download and run the Data Collector tool in the system your applications live.

## Download

In order to download the appropriate Data Collector, please specify the target operating system.

Target Operating System

Linux ▾

Download for Linux

⬇

Instructions included

## Install

Once downloaded, follow the steps below.

**TIP:** *The Data Collector is likely to consume a significant amount of resources while gathering data therefore, we recommend you run the tool in a pre-production environment.*

Copy and place the file to your system in a directory where it has read-write-execute access. Then decompress the downloaded file:

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tar xvfz transformationadvisor-2.1_Linux_Air_Canada_Collection.tgz
```

Go to the Data Collector directory:

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cd transformationadvisor-2.1
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**TIP:** *View command-line options that are available for the Data Collector run:*

```
[./bin/transformationadvisor -no-version-check --help]
```

## Run tool

Select your domain and analysis type below and run the generated command from the data collector directory to begin scanning.

Domain

IBM Websphere ▾

Analysis of

Apps & Configuration ▾

Preferred method

```
./bin/transformationadvisor -w <WEBSPHERE_HOME_DIR> -p <WEBSPHERE_NAME>  
<WSADMIN_USER> <WEBSPHERE_PASSWORD> -no-version-check
```

## View the data

The Data Collector will take some time to run. During this process, you can keep track of its progress by checking your command line.

If there is a connection between your system and your new collection, the Data Collector will send your data for you. **If there is no connection, the Data Collector will return a .zip file containing your data in which you will need to manually upload to your Recommendations page.** You can do this by going back to the Recommendations page and clicking “Upload data.”

## About

> The Data Collector

> What we analyze ●

> Data privacy

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Linux

AIX

Solaris

Windows

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[> Running into issues?](#)

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- > The Data Collector
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- > Data privacy



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IBM Websphere ▴

IBM WebSphere

Oracle WebLogic

Redhat JBoss

IBM MQ 

Beta

Analysis of

Apps & Configuration ▾

Preferred method

transformationadvisor -w <WEBSPHERE\_HOME\_DIR> -p <WEBSPHERE\_NAME>

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- >

The Data Collector
- >

What we analyze
- >

Data privacy

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Domain

IBM MQ Beta ▾

Analysis of

One installation ▾

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- > The Data Collector
- > What we analyze ●
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One installation ▴

One installation

All installations

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> The Data Collector

> What we analyze ●

> Data privacy

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### Running into issues?

If you encounter the issue “No java installations was detected” or “bad major version,” it means that the Java we have provided is not suitable for your architecture.

You can solve this issue as follows:

1. Explode the Data Collector archive as normal
2. cd into transformationadvisor-2.1
3. Replace the jre directory with the jre directory from the java application/message queue machine itself
4. Run the Data Collector command again

## Run tool

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Domain

IBM MQ Beta ▾

Analysis of

One installation ▾

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> The Data Collector

> What we analyze ●

> Data privacy



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### ▼ The Data Collector

It is a tool that gathers information about middleware deployments in your environment that'll help Transformation Advisor provide you with a migration analysis. The tool generates one .zip folder per profile/domain/installation and places analysis results within that directory.

For java applications, the tool leverages the [Migration ToolKit for Application Binaries](#) and the [WebSphere Configuration Migration Toolkit](#). If these tools are already in use, then the same security requirements which are required to run them are also required to run the Data Collector.

### ▼ What we analyze ●

#### Java applications:

- IBM WebSphere v6.1+
- Oracle WebLogic v6.x+
- Redhat JBoss v4.x+

#### Messaging:

- IBM MQ v7+ ●

### ▼ Data privacy

#### The tool requires:

- Read access to the application server installation directory and all subdirectories
- Read access to profile directories
- File and directory creation and write access to current directory

#### The tool does not collect:

- Password information
- System log data
- Application data