



## **Infitran for IBM i 5.1.0 Quick Start Guide**

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## Objective

This Infitran 5.1.0 for IBM i Quick Start Guide provides the following information:

- Accessing the Stonebranch Inc. website and downloading an Workload Automation 5.1.0 for IBM i distribution file.
- Extracting the Workload Automation 5.1.0 for IBM i files from the distribution file.
- Installing Workload Automation 5.1.0 for IBM i.
- Licensing Infitran components.
- Encrypting passwords.
- Executing a Universal Data Mover job.
- Running a system query.

## System Requirements

- IBM I V5R4M0 or above.
- TCP/IP.
- User profile with \*ALLOBJ, \*SPLCTL, \*JOBCTL, and \*SECADM authorities.
- Approximately 360 megabytes of disk space.
- Network attached workstation.
- PTF SI27629 installed on V5R4.

## Workload Automation 5.1.0 for IBM i Distribution File

The Workload Automation 5.1.0 for IBM i product distribution file is available for download from the [Current Products](#) page of the Stonebranch, Inc. website.

A customer user ID and password – provided by Stonebranch, Inc. – are required to access this area.

## Extracting Workload Automation 5.1.0 for IBM i

<b>Step 1</b>	Download the distribution file from the Stonebranch, Inc. website to a computer running a supported version of Windows or UNIX.
<b>Step 2</b>	Extract the Licensed Program Save File from the distribution file.

## Installing Workload Automation 5.1.0 for IBM i



### Warning

This installation procedure is intended only for default installations into simple environments. Installing into high availability environments may require a customized installation. For customized installation, parallel installation or multiple system roll out see the Installation Guide for IBM i.

<b>Step 1</b>	If transferring the installation file to the native, QSYS file system, create a save file, UNV510, on the target IBM I system in library QGPL. This step is not necessary if transferring the file to the IFS.
<b>Step 2</b>	FTP the Licensed Program Save File to either the save file created in step 1 or to /QSYS.LIB/QGPL.LIB/UNV510.SAVF.
<b>Step 3</b>	Execute the command <code>RSTLICPGM LICPGM(0UNV510) DEV(*SAVF) SAVF(QGPL/UNV510)</code> to install Workload Automation to the default libraries.
<b>Step 4</b>	Verify the correctness of the install by executing the following command: <code>CHKPRDOPT 0UNV510.</code>
<b>Step 5</b>	Optionally, rename the UNVUBR510 subsystem to UBROKER for consistent operation across future installations.
<b>Step 6</b>	Once the installation is complete, start Universal Broker with system command <code>STRSBS UNVPRD510/UNVUBR510.</code>

## Licensing your Infitran 5.1.0 for IBM i Components

After Workload Automation 5.1.0 for IBM i has been installed, you must configure the following Infitran 5.1.0 component with a product license before it can be used:

- Universal Data Mover Manager

Product license information (license parameter keywords and their values) is contained in a text file provided by your Stonebranch, Inc. account representative.

The format of the product license file name is: `<component name>_<customer name>_<operating system>_<schedule or solution>.txt`. For example: **Infitran\_Stonebranch\_OS400\_A1.txt**.

(For Universal Data Mover Manager, **Infitran** is used as the `<component name>` in the product license file name and as the name of the product in the product license file itself - see below.)

The following is a sample Universal Data Mover Manager for IBM i product license file:

```
License_Product "INFITRAN"
License_Customer "STONEBRANCH"
License_OS_Type "OS400"
License_Type "PERPETUAL"
License_Expiration_Date 2029.12.31          YYYY.MM.DD
License_NT_Servers 100
License_UNIX_Servers 100
License_OS400_Servers 10000
License_OS390_Servers 10000
License_OS390_Unix_Servers 10000
License_Key ABCD-1234-EFGH-5678-IJKL-MNOP-9999
```

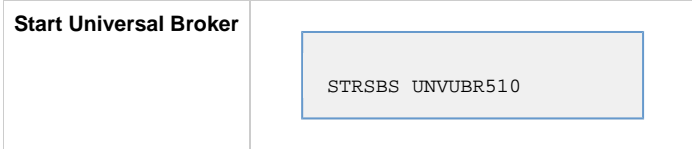
In the **UNVPRD510** product library, enter the Universal Data Mover Manager license parameters into the Universal Data Mover Manager configuration file, member **UNVCONF(UDM)**.

It is recommended that you enter license information at the end of the file. (The values are specified in the same syntax as all other configuration options.)

## Restart Universal Broker

For Universal Broker to read the license information, you must stop and restart it:

<b>Stop Universal Broker</b>	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <pre>ENDSBS UNVUBR510 *CNTRLD</pre> </div> <p>(*CNTRLD performs a controlled shutdown.)</p>
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## Encrypting User ID and Password for Job Execution

Job execution demands a user ID and password. This information should be stored in an encrypted file, which Universal Data Mover will process before starting the job.

<b>Step 1</b>	Create a file containing a user ID (-userid <i>id</i> ) and a password (-pwd <i>password</i> ).
<b>Step 2</b>	Run the Universal Encrypt utility to encrypt the contents of the file.
<b>Step 3</b>	Execute Universal Data Mover using the encrypted file (-xfile <i>filename</i> ) parameter.

## Executing a Universal Data Mover Job

The command line syntax for executing Universal Data Mover for IBM i is:

```
STRUDM
open [primary={*| local | host-name} [optional parameters]] secondary=host-name [optional
parameters]
UDM command {required parameters} [optional parameters]
```

## Running a System Query

Use Infitran's Universal Query utility to query the Universal Broker for Broker-related and active component-related information. Universal Query returns information for the Universal Broker, as specified by configuration options on the command line or in a configuration file, as well as information regarding the components managed by Universal Broker.

The command line syntax – using the STRUQR parameter form of the configuration options – for executing Universal Query for IBM i is:

```
STRUQR HOST(hostaddress) [additional options]
```