

# Installing Intellicus on Linux

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## **Acknowledgements**

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For details, visit: <http://www.intellicus.com/acknowledgements.htm>

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# 1 Installing Intellicus on Linux

Instructions for installation and running Intellicus on Linux are organized into the following sections:

- Installing the product.
- Starting the Intellicus Report Server.
- Starting the Intellicus web server.
- Starting the Intellicus suite in browser.
- Logging into the Intellicus.
- Stopping the Intellicus Report Server.
- Stopping the Intellicus web server.
- Daemon script to start Intellicus automatically as soon as the system is booted / restarted.

## System Pre-requisites

- **Memory:** 512 MB of RAM or more.
- **Storage Space:** 2 GB or more.
- **Internet Browser:** Internet Explorer 8.0 or a higher version.
- **gunzip** (To extract Intellicus files).

**Important:** To be able to install Intellicus, you are required to have administrative privileges on the machine.

## Installing the product

You can follow the below mentioned steps to install the product:

Copy the setup of Intellicus on the target machine where Intellicus is to be installed. Location /opt/

The Intellicus setup contains **two** files:

1. Intellicus<version>\_ux<architecture>.tar.gz

**Warning:** Do not change the name of above file as this name is used in the script file to install the application

2. InstallIntellicus<version>\_ux<architecture>.sh

Give the appropriate rights for execution to the script file.

```
Intellicus$ ls
.  ..  InstallIntellicus6.4SP4_ux64.sh  Intellicus6.4SP4_ux64.tar.gz
Intellicus$ ./InstallIntellicus6.4SP4_ux64.sh █
```

Figure 1: Intellicus Installation Screen

To install the application run the script file. In order to install selective components, you can choose the Custom option.

The screen shown below will be displayed.

```
*****  
*****  
***** Intellicus Installation *****  
*****  
*****  
  
Install Type:  
1. Full (Default)  
2. Custom  
3. Exit  
  
Please Enter Your Choice (1,2,3):
```

Figure 2: Intellicus Installation in process

```
*****  
*****  
***** Intellicus Installation *****  
*****  
*****  
  
Install Type:  
1. Full (Default)  
2. Custom  
3. Exit  
  
Please Enter Your Choice (1,2,3): 1  
  
*****  
Installing Intellicus...  
█
```

Figure 3: Installing Intellicus



- status : to provide the status of report server and web server
1. To launch the application run the **intellicus.sh** script file with **start** as user input

`./intellicus.sh start`

It will launch the Intellicus report server and web server.

2. To monitor the application run the **intellicus.sh** script file with **status** as user input

`./intellicus.sh status`

It will return the status of Intellicus report server and web server.

### To Start the Report Server Only

Intellicus provides a script (reportserver.sh) which is responsible to launch, stop & monitor the Intellicus report server. This script is located at /Intellicus/.

It expects a user input to perform the appropriate action

- start : to start the report server
  - stop : to stop the report server
  - status : to provide the status of report server
1. To launch the report server run the **reportserver.sh** script file with **start** as user input

`./reportserver.sh start`

2. To monitor the report server run the **reportserver.sh** script file with **status** as user input

`./reportserver.sh status`

You can also follow the below mentioned steps to start the Report Server:

To start the Report Server, run the file 'run.sh' located in the '/Intellicus/reportengine/bin' folder.

`./run.sh`

### To Start Intellicus Web Server Only

You can follow the below mentioned steps to start the Web Server only:

Intellicus provide a script (webserver.sh) which is responsible to launch, stop & monitor the Intellicus web server. This script is located at /Intellicus/.

It expects a user input to perform the appropriate action

- start : to start the web server
  - stop : to stop the web server
  - status : to provide the status of web server
1. To launch the web server run the **webserver.sh** script file with **start** as user input

`./webserver.sh start`

2. To monitor the web server run the **webserver.sh** script file with **status** as user input

```
./webserver.sh status
```

You can also follow the below mentioned steps to start the Web Server only:

To start the Intellicus Web server, run the file 'startup.sh' located in the '/Intellicus/jakarta/bin' folder.

```
./startup.sh
```

### To Start Intellicus Web Reporting suite

1. Open the browser.
2. In address bar, specify the following URL:

```
http://<IP of the webserver>/intellicus
```

For example, http://120.98.99.256/intellicus

If user has changed the Webserver port, specify the following URL:

```
http://<IP of the webserver:port number>/intellicus
```

For example, if the changed port number is 7000, the URL would be:

```
http://120.98.99.256:7000/intellicus
```

### Logging into Intellicus Web reporting suite

User needs to provide following information to log into Intellicus.

- User Name: Admin
- Password: Admin
- Organization Name: Intellica

Click **Login** after entering the required information.

### Stop Intellicus

To Stop the Report Server and Intellicus Web Server

You can follow the below mentioned steps to stop the Report Server and Web Server:

To stop the application run the **intellicus.sh** script file with **stop** as user input. This file is available in /Intellicus/ folder.

```
./intellicus.sh stop
```

It will stop the Intellicus report engine and web server.

## To Stop the Report Server

To stop the report server run the reportserver.sh script file with stop as user input. This file is available in /Intellicus/ folder.

```
./reportserver.sh stop
```

You can also follow the below mentioned steps to stop the Report Server:

Run the file shutdown.sh. This file is available in Intellicus/reportengine/bin folder.

```
./shutdown.sh
```

## To Stop the Web server

To stop the web server run the webserver.sh script file with stop as user input. This file is available in /Intellicus/ folder.

```
./webserver.sh stop
```

You can also follow the below mentioned steps to stop the Web Server:

Run the file shutdown.sh. This file is located in the Intellicus/jakarta/bin folder.

```
./shutdown.sh
```

## Making Intellicus Start automatically

The steps to setup the daemon script on a Linux box is given below:

1. Open the Intellicus.sh from Intellicus/APIs folder and specify the home path for Intellicus (the folder where Intellicus was untared). The configuration parameter to be modified is:

```
Intellicus_home= <path where Intellicus was untared>
```

2. Place the Intellicus.sh script file in specific folders. The command is

For Red Hat / Fedora,

```
cp Intellicus.sh /etc/rc.d/init.d/
```

For S.U.S.E and Debian,

```
cp Intellicus.sh /etc/init.d/
```

3. To add this daemon process in system start processes, execute the command

```
chkconfig --add Intellicus.sh
```

The daemon process will now start automatically on booting the system.

4. Execute the following command to list the services and to check if daemon is added:

```
chkconfig --list Intellicus.sh
```

5. Reboot the system.
6. To check if the daemon was started, execute command.

```
ps -ef
```

```
192.168.98.122 - PuTTY
root  9507  6741  0 Mar02 ?        00:00:00 kio_file [kdeinit] kio_file file
root  18855  9  0 Mar02 ?        00:00:00 [pdflush]
root  13976  6780  0 08:16 ?        00:00:00 /opt/kde3/bin/kdesktop_lock
postgres 15691 15484  0 11:46 ?        00:00:03 postgres: postgres intellicustes
postgres 15692 15484  0 11:46 ?        00:00:00 postgres: postgres intellicustes
postgres 15693 15484  0 11:46 ?        00:00:00 postgres: postgres intellicustes
postgres 15694 15484  0 11:46 ?        00:00:00 postgres: postgres intellicustes
postgres 15695 15484  0 11:46 ?        00:00:00 postgres: postgres intellicustes
root  15938  6353  0 12:19 ?        00:00:03 sshd: root@pts/4
root  15942 15938  0 12:19 pts/4    00:00:00 -bash
postfix 17651  6057  0 15:04 ?        00:00:00 pickup -l -t fifo -u
root  17917  6353  0 15:40 ?        00:00:00 sshd: root@pts/7
root  17921 17917  0 15:40 pts/7    00:00:00 -bash
root  17945 17921  0 15:41 pts/7    00:00:00 /bin/sh ./run.sh
root  17948 17945  5 15:41 pts/7    00:00:06 ./iEngine :../lib/LinearBarCode.
postgres 17959 15484  0 15:41 ?        00:00:00 postgres: postgres intellicustes
postgres 17960 15484  0 15:41 ?        00:00:00 postgres: postgres intellicustes
postgres 17961 15484  0 15:41 ?        00:00:00 postgres: postgres intellicustes
postgres 17962 15484  0 15:41 ?        00:00:00 postgres: postgres intellicustes
```

Figure 5: Intellicus Auto Start Status