


[GettingStartedJOnAS5](#)

Getting started with JOnAS 5.0.2 / OSGi

	This guide applies only if you're using the OSGi version of JOnAS 5.0.2	
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Download

Start by [downloading JOnAS/OSGi](#) from the OW2 forge.


You can choose upon 2 OSGi archives:

- jonas-osgi-5.0.2.zip for windows users
- jonas-osgi-5.0.2.tar.gz for linux users

Install

- Unpack the assembly (unzip / tar xzf)
- This creates a jonas-osgi-5.0.2 directory
- This is your new JONAS_ROOT

You can now move the JONAS_ROOT at any place that suits you.

	JOnAS binaries location must be specified in the JONAS_ROOT environment variable.	
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Run

JOnAS OpenSource Java EE Application Server - Doc - GettingStartedJOnAS5



Start

To start a server use command:

- `$JONAS_ROOT/bin/jonas start`

All the services defined in `jonas.properties` configuration file are launched.

```
----- JOnAS 5 - OSGi on Unix
platform -- JOnAS 5: Java(TM) Open Application Server -- http://jonas.ow2.org -- Contact:
jonas-team@ow2.org ----- Welcome
to OW2 JOnAS (Running on Felix). ----- 2008-01-28
15:46:29,723 : NameServiceManager.startNonStartedNS : Name service for jrmp is started on port
1099 2008-01-28 15:46:29,726 : CarolRegistryService.doStart : Carol Registry Service Started
2008-01-28 15:46:30,637 : JOnASJMXService.doStart : JMX Service started, using connector(s)
[service:jmx:rmi:///jndi/rmi:///localhost:1099/jrmpconnector_jonas] 2008-01-28
15:46:34,963 : J2EEServer.info : JOnAS server jonas STARTING ! .....
2008-01-28 15:47:06,032 : BaseWebContainerService.registerWar : War
/home/danesa/jonasbases/jb.5.0.2/deploy/jonasAdmin.war available at the context /jonasAdmin.
2008-01-28 15:47:06,296 : J2EEServer.info : JOnAS server jonas RUNNING !
```

To start only mandatory services ('registry' and 'jmx') use command:

- `$JONAS_ROOT/bin/jonas bootstrap`

The server is in STOPPED state but it is manageable via JMX. The server can be started latter using `$JONAS_ROOT/bin/jonas start`.

```
----- JOnAS 5 - OSGi on Unix
platform -- JOnAS 5: Java(TM) Open Application Server -- http://jonas.ow2.org -- Contact:
jonas-team@ow2.org ----- Start
JOnAS Bootstrap only>Welcome to OW2 JOnAS (Running on Felix).
-----2008-01-28 15:43:33,841 :
NameServiceManager.startNonStartedNS : Name service for jrmp is started on port 1099 2008-01-28
15:43:33,844 : CarolRegistryService.doStart : Carol Registry Service Started 2008-01-28
15:43:35,797 : JOnASJMXService.doStart : JMX Service started, using connector(s)
[service:jmx:rmi:///jndi/rmi:///localhost:1099/jrmpconnector_jonas] 2008-01-28
15:43:37,637 : J2EEServer.info : JOnAS server jonas STOPPED !
```

Stop To stop services used command:

- `$JONAS_ROOT/bin/jonas stop`

All the services, except the mandatory ones, are stopped.

```
----- JOnAS 5 - OSGi on Unix
platform -- JOnAS 5: Java(TM) Open Application Server -- http://jonas.ow2.org -- Contact:
jonas-team@ow2.org ----- You are
administering server named jonas
service:jmx:rmi:///jndi/rmi:///localhost:1099/jrmpconnector_jonas 2008-01-28 15:50:13,879 :
J2EEServer.info : JOnAS server jonas STOPPING ! ..... 2008-01-28
15:50:17,513 : J2EEServer.info : JOnAS server jonas STOPPED !
```

To stop all the services and exit the JVM use command:

- `$JONAS_ROOT/bin/jonas halt`

```
----- JOnAS 5 - OSGi on Unix
platform -- JOnAS 5: Java(TM) Open Application Server -- http://jonas.ow2.org -- Contact:
jonas-team@ow2.org ----- You are
administering server named jonas
service:jmx:rmi:///jndi/rmi:///localhost:1099/jrmpconnector_jonas Halting server
jonas...2008-01-28 15:38:14,312 : J2EEServer.info : JOnAS server jonas STOPPED ! 2007-12-14
22:15:22,978 : JOnASJMXService.doStop : JMX Service stopped 2007-12-14 22:15:22,987 :
CarolRegistryService.doStop : Carol Registry Service Stopped
```

Admin Use the admin command based on JMX Remote to administer a server:

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- `$JONAS_ROOT/bin/jonas admin`

```
----- JOnAS 5 - OSGi on Unix
platform - - JOnAS 5: Java(TM) Open Application Server - - http://jonas.ow2.org - - Contact:
jonas-team@ow2.org - ----- You are
administering server named jonas
service:jmx:rmi:///jndi/rmi://localhost:1099/jrmpconnector_jonas Admin (jonas) >
```

- You can also use the `jonasAdmin` web application. This application is automatically deployed with default settings.

Deploy

A new JOnAS service, 'depmonitor', allows dynamic deployment of all module types and J2EE applications being installed under `JONAS_ROOT/deploy` directory. This service may be configured in 'development' mode to allow dynamic undeploy/re-deploy of modified files. The old layout based on `ejbjars`, `webapps`, `rars` and `apps` directories, is still supported.

[GettingStartedJOnAS5](#) (en)

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