Name start-instance – starts a GlassFish Server instance

Synopsis
```
start-instance [--help]
[--debug={false|true}] [--sync={normal|full|none}]
```
instance-name

Description The `start-instance` subcommand starts a GlassFish Server instance. This subcommand requires secure shell (SSH) to be configured on the machine where the domain administration server (DAS) is running and on the machine where the instance resides. You may run this subcommand from any machine that can contact the DAS.

The subcommand can start any GlassFish Server instance, regardless of how the instance was created. For example, this subcommand can start an instance that was created by using the `create-local-instance`(1) subcommand.

This command is supported in remote mode only.

Options `--help`
`-?`
  Displays the help text for the subcommand.

`--debug`
  Specifies whether the instance is started with Java Platform Debugger Architecture (JPDA) debugging enabled.

  Possible values are as follows:

  `true`
    The instance is started with JPDA debugging enabled and the port number for JPDA debugging is displayed.

  `false`
    The instance is started with JPDA debugging disabled (default).

`--sync`
  The type of synchronization between the DAS and the instance's files when the instance is started.

  Possible values are as follows:

  `none`
    The DAS does not synchronize the instance's files with any changes. This type of synchronization minimizes the time that is required to start the instance.

  `normal`
    The DAS synchronizes the instance only with changes since the last synchronization to the following files:

    - All changes in the `config` directory
    - Changes to files only in the top level of the `applications` directory and the `docroot` directory

If a file below this level is changed, full synchronization is required. In normal operation, files below the top level of these directories are not changed. If an application is deployed and undeployed, full synchronization is not necessary to update the instance with the change.

This value is the default.

full
: The DAS synchronizes the instance with all changes since the last synchronization. This type of synchronization might delay the startup of the instance while the DAS updates all files in the instance's directories.

Operands *instance-name*
: The name of the GlassFish Server instance to start.

Examples EXAMPLE 1 Starting a GlassFish Server Instance

This example starts the GlassFish Server instance pmdsa1.

```
asadmin> start-instance pmdsa1
Waiting for the server to start .............................
Successfully started the instance: pmdsa1
instance Location: /export/glassfish3/glassfish/nodes/localhost/pmdsa1
Log File: /export/glassfish3/glassfish/nodes/localhost/pmdsa1/logs/server.log
Admin Port: 24848
Command start-local-instance executed successfully.
The instance, pmdsa1, was started on host localhost

Command start-instance executed successfully.
```

EXAMPLE 2 Starting a GlassFish Server Instance With JPDA Debugging Enabled

This example starts the GlassFish Server instance ymlsa1 with JPDA debugging enabled.

```
asadmin> start-instance --debug=true ymlsa1
Waiting for the server to start .............................
Successfully started the instance: ymlsa1
instance Location: /export/glassfish3/glassfish/nodes/localhost/ymlsa1
Log File: /export/glassfish3/glassfish/nodes/localhost/ymlsa1/logs/server.log
Admin Port: 24849
Debugging is enabled.  The debugging port is: 29010
Command start-local-instance executed successfully.
The instance, ymlsa1, was started on host localhost

Command start-instance executed successfully.
```

Exit Status 0 command executed successfully

1 error in executing the command

See Also   create-instance(1), create-local-instance(1), delete-instance(1),
delete-local-instance(1), setup-ssh(1), start-domain(1), start-local-instance(1),
stop-domain(1), stop-instance(1), stop-local-instance(1)

asadmin(1M)

Java Platform Debugger Architecture (JPDA) (http://java.sun.com/javase/
technologies/core/toolsapis/jpda/)