Name   start-local-instance – starts a GlassFish Server instance on the machine where the subcommand is run

Synopsis   `start-local-instance [--help]`
`[--nodedir` *node-dir*`] [--node` *node*`]`
`[--debug={false|true}] [--sync={normal|full|none}]`
`[--upgrade={false|true}] [--verbose={false|true}]`
`[`*instance-name*`]`

Description   The `start-local-instance` subcommand starts a GlassFish Server instance on the machine where the subcommand is run. This subcommand does not require secure shell (SSH) to be configured. You must run this command from the machine where the instance resides.

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-instance`(1) subcommand.

The `start-local-instance` subcommand does not contact the domain administration server (DAS) to determine the node on which the instance resides. To determine the node on which the instance resides, the subcommand searches the directory that contains the node directories. If multiple node directories exist, the node must be specified as an option of the subcommand.

This command is supported in remote mode only.

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

`--nodedir`
   Specifies the directory that contains the instance's node directory. The instance's files are stored in the instance's node directory. The default is *as-install*`/nodes`.

`--node`
   Specifies the node on which the instance resides. This option may be omitted only if the directory that the `--nodedir` option specifies contains only one node directory. Otherwise, this option is required.

`--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.

`--upgrade`
>   Specifies whether the configuration of the instance is upgraded to the current release. Normally, if the subcommand detects that the configuration is from an older release of GlassFish Server, the configuration is upgraded automatically before being started. You should not need to use this option explicitly.
>
>   Possible values are as follows:
>
>   `true`
>   >   When the instance is started, the configuration is modified to be compatible with this release of GlassFish Server, and the GlassFish Server process stops.
>
>   `false`
>   >   The configuration of the instance is not updated (default).

`--verbose`
`-v`
>   Specifies whether detailed information is displayed while the instance is being started.
>
>   Possible values are as follows:

true
: A console window is opened in which detailed startup messages and log messages are displayed until the instance is started. If the instance is later restarted by running the `restart-instance` subcommand from a different console window, messages continue to be displayed in the original console window.

  You can kill the GlassFish Server process by typing CTRL-C in the console window that is opened.

  You can kill the GlassFish Server process and obtain a thread dump for the server by typing one of the following key combinations in the console window that is opened:
  - CTRL-\ on UNIX systems
  - CTRL-Break on Windows systems

false
: Detailed information is not displayed (default).

Operands   *instance-name*
: The name of the instance to stop.

Examples   EXAMPLE 1   Starting an Instance Locally

This example starts the instance yml-i-sj01 on the machine where the subcommand is run.

```
asadmin> start-local-instance --node sj01 yml-i-sj01
Waiting for the server to start ...............................
Successfully started the instance: yml-i-sj01
instance Location: /export/glassfish3/glassfish/nodes/sj01/yml-i-sj01
Log File: /export/glassfish3/glassfish/nodes/sj01/yml-i-sj01/logs/server.log
Admin Port: 24849
Command start-local-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), start-domain(1), start-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/)