Node Run Time Component

A node represents an IceGrid node process registered with the IceGrid registry.

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States

A node can be either up ( ) or down ( ). A "down" node is shown only when it is described by an application deployed on this IceGrid registry.

Actions

A node provides the following actions, from its contextual menu and from the `Tools > Node` menu:

- **Retrieve stdout**
  Retrieve the stdout log file of the IceGrid node into a Log File Dialog. This retrieval succeeds only when the node stdout output has been redirected to a file using the `Ice.StdOut` property.

- **Retrieve stderr**
  Retrieve the stderr log file of the IceGrid node into a Log File Dialog. This retrieval succeeds only when the node stderr output has been redirected to a file using the `Ice.StdErr` property.

- **Shutdown**
  Shutdown the IceGrid node process.

> ⓘ You cannot restart an IceGrid node from IceGrid Admin.

Properties

The Node Properties panel shows:

- **Hostname**
  The name of the host on which the IceGrid node process is running.

- **Operating System**
  The operating system name and version of the host on which the IceGrid node process is running.

- **Machine Type**
  The type of CPUs and the number of CPU threads of the host on which the IceGrid node process is running. For example, a computer with a dual-core CPU and 2 "hyper threads" per core will show 4 CPU threads.

- **CPU Usage (Windows) or Load Average (Linux/Unix)**
  On Windows, shows the percentage of CPU utilization in the past 1, 5, and 15 minutes. On Linux/Unix, shows the load-average in the past 1, 5 and 15 minutes. These values are retrieved when the Node Properties panel is displayed. Click on the Refresh button to retrieve the latest values.

- **Load Factor**
  Shows the load factor defined by each application using this node.

Children

A registry node can only have two types of children:

- Regular Server
- IceBox Server