

Administering Precise communication

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Changing a Precise Listener port

You may need to change the port that a Precise Listener listens on after you complete the installation of Precise. For example when another application requires usage of this port, or when the firewall policy changes.

To change a Precise Listener port, use the CLI command: Listener Port Change command. For more details, refer to the *CLI User's Guide*.

About direct communication

The communication transmission between two different product FocalPoints or agents that are based on Java, such as the Precise for J2EE Collector agent, Alerts InformPoint, and Precise for Web agents is a direct communication and it relies on that the Precise default communication port is open between the servers.

Be aware of the following facts:

- Communication between two agents on the same server is direct by default.
- Communication between two agents on different servers is through the Precise Listener port.

Altering between direct and indirect communication

You can change the direct and indirect communication parameter in the Precise registry for sites for which direct communication cannot be enabled due to Firewall limitations. Changes in this direct and indirect communication parameter apply the new behavior to all FocalPoints and agents that are based on Java. You can also create an indication file on a specific server that runs FocalPoints or agents that are based on Java to change the behavior only for this server.

To change the direct and indirect communication for all java based agents

1. Stop the Java based agents on all the servers.
2. Log on to the server with the Precise FocalPoint and edit the Precise registry file:
<i3_root>\products\i3fp\registry\products\infrastructure\communication\settings.xml
3. Change the direct-communication parameter from 'true' to 'false' as shown in the following excerpt:
<direct-communication>false</direct-communication>
4. Restart the agents that you have stopped.

To change the direct and indirect communication for a specific server

1. Stop the Java based agents on the server.
2. Create an empty indication file in the following folder:
<i3_root>\infra\listener\etc\disable_direct_routing
3. Restart the agents that you have stopped.