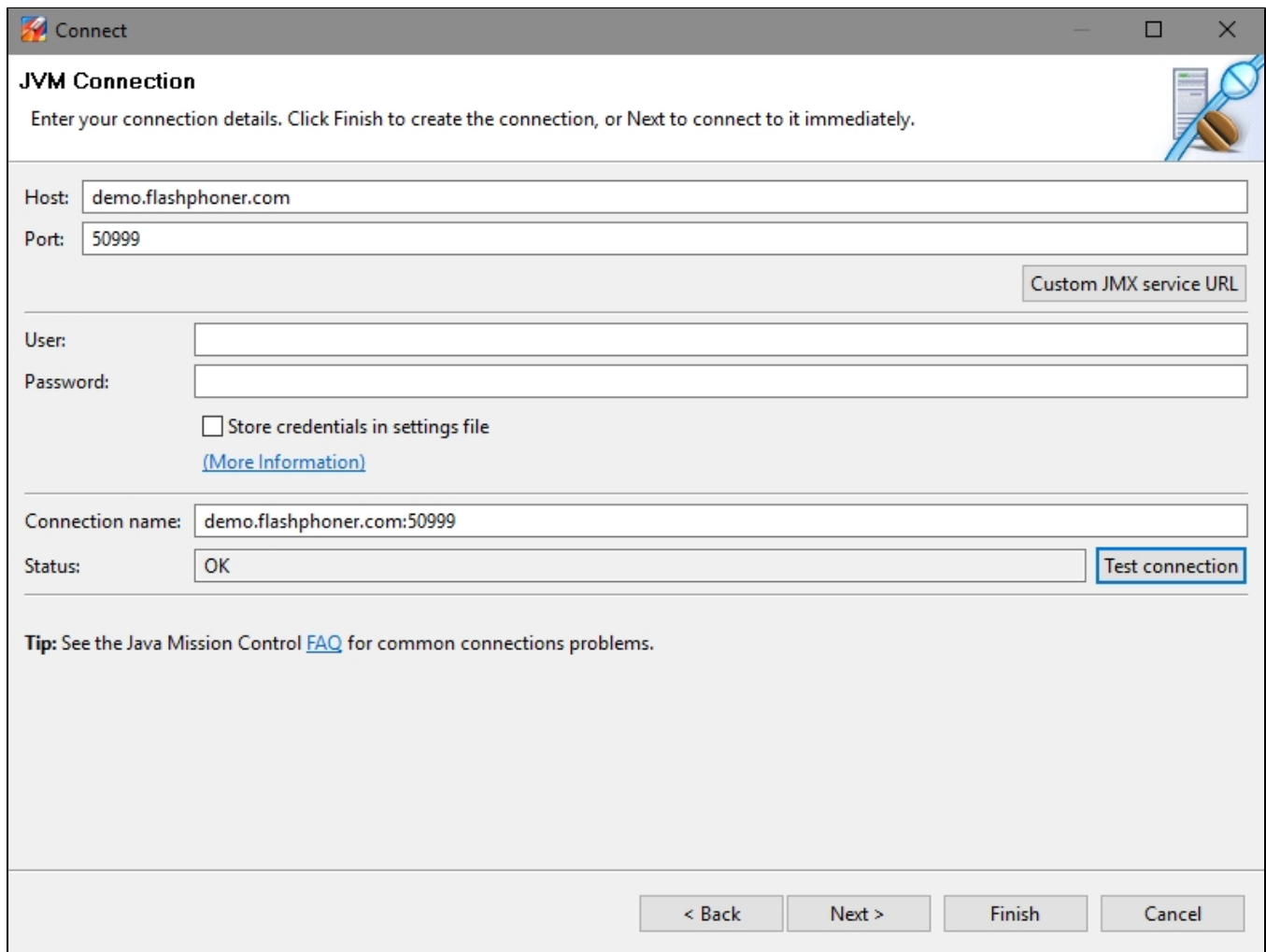


# Connecting from Java Mission Control

Java Mission Control is a powerful monitoring and debugging tool for a Java-machine. JMC is shipped with JDK and is launched on the user's (administrator) computer.

1. Start Java Mission Control, select the 'File > Connect' menu. Enter the name of the WCS server you want to connect to, then specify the port number (by default, 50999):



**Connect**

**JVM Connection**

Enter your connection details. Click Finish to create the connection, or Next to connect to it immediately.

Host:

Port:

User:

Password:

☐ Store credentials in settings file

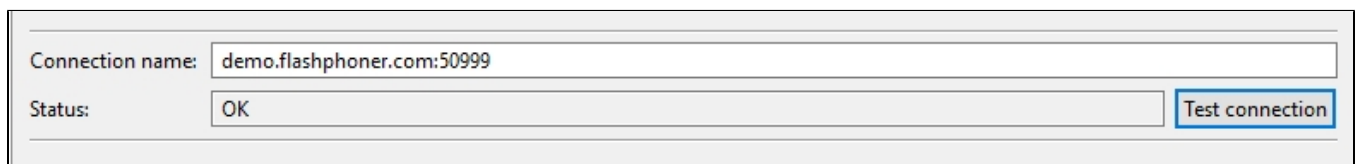
[\(More Information\)](#)

Connection name:

Status:

**Tip:** See the Java Mission Control [FAQ](#) for common connections problems.

2. Click Test connection to test connection with the server:



Connection name:

Status:

If the connection status is OK, click the Finish button. Otherwise, make sure the settings file [wcs-core.properties](#) has proper connection settings for monitoring, including the network address where the server is running, or the name of the node assigned to this address. Also, make sure non-local connections are allowed:

```
-Dcom.sun.management.jmxremote=true  
-Dcom.sun.management.jmxremote.local.only=false  
-Dcom.sun.management.jmxremote.ssl=false  
-Dcom.sun.management.jmxremote.authenticate=false  
-Dcom.sun.management.jmxremote.port=50999  
-Djava.rmi.server.hostname=demo.flashphoner.com
```

3. In the left part of the JMC window select the just created connection, right-click it and select the 'Start JMX console' menu. As soon as connection is established and data are loaded, the overview of the Java-machine is displayed:

