

**Topic:** Sentral Does Not Correctly Save TCP Port Settings for MS SQL  
**Component(s) Affected:** Sentral 5.0, Sentral 5.1  
**Date:** November 10, 2006

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## OVERVIEW / ENVIRONMENT

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Changes made to the TCP port selected for communications between the Microsoft SQL database and Sentral are not correctly saved if later changes are made in the Sentral Console Configuration screen.

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## DETAILED DESCRIPTION

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The Sentral Console Configuration screen allows setting a number of parameters within Sentral. In addition to these changes, Sentral also rewrites certain parameters that cannot be changed within Sentral to their default settings. This helps ensure more reliable operation.

Sentral 5.0 and 5.1 use TCP port 1433 as the default port for communication with a MS SQL database. This parameter can be manually changed by editing the `hibernate.cfg.xml` file.

However, changes made to the TCP port selected for use for these communications are overwritten when changes are made in the Sentral Console Configuration screen.

The `hibernate.cfg.xml` file is located at the following location:

```
C:\Program Files\Apache Group\Tomcat 4.1\webapps\CMSServer\WEB-INF\configuration\properties
```

The following tags contain the port number:

```
<property name="connection.url">jdbc:mysql://localhost/cms</property>  
<property name="connection.url">jdbc:sqlserver://localhost:1433;databaseName=cms;</property>
```

The port number in the second line can be manually changed to the port you are using for communications to the MS SQL database.

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## RESOLUTION

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To correctly set this port, do the following:

1. From Sentral, set your Sentral configuration parameters and save the configuration.
2. Quit Sentral.
3. Stop the Apache Tomcat service.
4. Go to the `hibernate.cfg.xml` file located at  
`C:\Program Files\Apache Group\Tomcat 4.1\webapps\CMSServer\WEB-INF\configuration\properties`
5. Change the port number in the  
`<property name="connection.url">jdbc:sqlserver://localhost:1433;databaseName=cms;</property>` tag.
6. Save the `hibernate.cfg.xml` file.
7. Restart the Apache Tomcat service.
8. Restart and log into Sentral.

**NOTE:** Each time you perform a save from the Sentral Server Configuration screen, Sentral restores this port setting to the default of TCP 1433. If you make any changes in the Sentral Server Configuration screen, you must re-edit the `hibernate.cfg.xml` file to reset this port for your configuration.



For more information, please contact ClearCube technical support.

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