

# MongoDB JDBC Driver Setup with Splunk

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1. Download and extract the MongoDB JDBC package. You will need the `mongodb_unityjdbc_full.jar`.
2. Install the Splunk DB Connect 2 App. Instructions are at: <https://splunkbase.splunk.com/app/2686/#/overview>
3. Place the `mongodb_unityjdbc_full.jar` in the directory `$(SPLUNK_HOME)/etc/apps/splunk_app_db_connect/bin/lib`.
4. Copy the `db_connection_types.conf` file in `$(SPLUNK_HOME)/etc/apps/splunk_app_db_connect/default` to `$(SPLUNK_HOME)/etc/apps/splunk_app_db_connect/local` and perform your edits there. Modify the `db_connection_types.conf` file to have the following additional data sources:

```
[mongo]
displayName = MongoDB
serviceClass = com.splunk.dbx2.DefaultDBX2JDBC
jdbcUrlFormat = jdbc:mongo://<host>:<port>/<database>
jdbcUrlSSLFormat = jdbc:mongo://<host>:<port>/<database>
jdbcDriverClass = mongodb.jdbc.MongoDriver
supportedMajorVersion = 1
supportedMinorVersion = 0
port = 27017
testQuery = SELECT 1
```

5. Redetect drivers or restart Splunk.
6. Sample connection information is:

<b>Host:</b>	ds029847.mongolab.com
<b>Port:</b>	29847
<b>Username:</b>	dbuser
<b>Password:</b>	dbuser
<b>Database:</b>	tpch
7. Creating a new connection:

Connection Name	<input type="text" value="mongo"/>	Identity	<input type="text" value="mongo v"/>
App	<input type="text" value="Splunk DB Connect v2 v"/>	Port	<input type="text" value="29847"/>
Host	<input type="text" value="ds029847.mongolab.com"/>	Enable SSL	<input type="checkbox"/>
Database Types	<input type="text" value="MongoDB v"/>	This is a DB driver flag, and may not be supported for all JDBC drivers.	
Default Database	<input type="text" value="tpch"/>	Readonly	<input type="checkbox"/>
JDBC URL Format	<p>The usage and meaning of this parameter varies between database vendors. <a href="#">Learn More</a></p> <p><input type="text" value="jdbc:mongo://&lt;host&gt;:&lt;port&gt;/&lt;database&gt;"/></p> <p>JDBC URL is generated from the above format template. <a href="#">Click here</a> to manually edit the URL.</p> <p>Generated JDBC URL: jdbc:mongo://ds029847.mongolab.com:29847/tpch</p>		

### Permissions

Sharing

	Read	Write
Everyone	<input type="checkbox"/>	<input type="checkbox"/>

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