

Install and Configure the Geoserver

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Prerequisites

- Tomcat 8
- Oracle JDK 7
- Geoserver: <http://geoserver.org/release/stable/>

Adding a new store and workspace

The collabfeed manager publishes collaboration rooms to a store in geoserver. Shapefiles are also stored in geoserver. Both cases require a store and workspace. The specified workspace also prefixes all types in the datafeeds database for Feeds, so when you refer to a WFS layer that's published in GeoServer, you'd query via the namespace/workspace you enter.

Create a Workspace

1. Log into the Geoserver UI (<https://<mapserver>/geoserver/web>)
2. Click on the "Workspaces" under the Data section on the left
3. Click "Add new workspace"
4. Enter a name and a namespace URI. This is the namespace that will show up in XML for datafeeds and layers, so usually is set to *http(s)://<mapserver>/WORKSPACE*
5. Click Submit

Create a Store

1. Click on "Stores" under the Data section on the left
2. Click "Create new store"
3. Click "PostGIS - PostGIS Database"
4. Pick the store (ie dcds.collaborationfeed or dcds.shapefiles)
 - Enter a Datasource Name that represents what this store points to
 - Make sure "Enabled" is selected
 - Enter the host name of the Database VM and select port 5432
 - The database for the collaboration feed workspace/Collabfeed Manager is the dcds db. The database for the shapefiles is dcds.shapefiles
 - The schema is "public", unless you've specifically altered it to be something else
 - Enter the database user and password
 - Accept the defaults for the remaining options
5. After clicking save, you may be given datalayers to publish