Setup PostgreSQL and SDE
- Install PostgreSQL
Authorization File

Provide the path and file name of the keycodes file that was created when you authorized ArcGIS for Server Enterprise. This file is in the \Program Files\ESRI\License<release> folder on Windows and /arcgis/server/framework/Files/ESRI/License<release> directory on Linux. If you have not already done so, authorize ArcGIS for Server to create this file.
Error: Cannot connect to database because the database client software failed to load. Be sure the database client software is installed and configured correctly.

Executing: CreateEnterpriseGeodatabase PostgreSQL datadoggis DATABASE_AUTH postgres ***** SDE_SCHEMA sde ***** 
C:\\share\Licenses\SvrAdvEntExt_073015.epc

Start Time: Fri Jun 21 09:14:10 2013
Cannot connect to database because the database client software failed to load. Be sure the database client software is installed and configured correctly.
Failed to execute (CreateEnterpriseGeodatabase).
Failed at Fri Jun 21 09:14:11 2013 (Elapsed Time: 0.20 seconds)
Copy and Paste Client Libraries
Executing: CreateEnterpriseGeodatabase PostgresSQL datadog
gis DATABASE_AUTH postgres ***** SDE_SCHEMA sde ***** C:\\share\\Licenses\\SvrAdvEntExt_073015.epc
Start Time: Fri Jun 21 09:28:14 2013
User has privileges required to create database objects.
Geodatabase admin user already exists.
Database already exists.
Geodatabase instance already exists.
Succeeded at Fri Jun 21 09:28:20 2013 (Elapsed Time: 5.37 seconds)
Database Platform: PostgreSQL

Instance: datad0g

Authentication Type: Database authentication

User name: postgres

Password: **********

Save user name and password

Database: gis

About Database Connections
<table>
<thead>
<tr>
<th>Input Database Connection</th>
<th>Database Connections\PG_Admin.sde</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create Operating System Authenticated User (optional)</td>
<td></td>
</tr>
<tr>
<td>Database User</td>
<td>gisadmin</td>
</tr>
<tr>
<td>Database User Password (optional)</td>
<td>**********</td>
</tr>
<tr>
<td>Role (optional)</td>
<td></td>
</tr>
<tr>
<td>Tablespace Name (optional)</td>
<td></td>
</tr>
</tbody>
</table>
Executing: CreateDatabaseUser
"Database Connections\PG_Admin.sde"
DATABASE_USER qisadmin ***** # #
Start Time: Thu May 30 09:43:15 2013
Database user created.
Succeeded at Thu May 30 09:43:15 2013
(Elapsed Time: 0.07 seconds)
**Database Platform:** PostgreSQL

**Instance:** datadog

**Authentication Type:** Database authentication

**User name:** gisadmin

**Password:** ********

**Database:** gis

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[About Database Connections]

[OK] [Cancel]
<table>
<thead>
<tr>
<th>Type</th>
<th>Source Name</th>
<th>Target Name</th>
<th>Config. Keyword</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feature class</td>
<td>INFO.DBO.COFFEE</td>
<td>COFFEE</td>
<td>Defaults</td>
</tr>
</tbody>
</table>
• PostgreSQL configuration file for connections
  - Depending on your network, entries for both types of addresses may be needed
• IPV 4 Addresses
• IPV 6 Addresses