


VISS installation and configuration

Introduction

The Vendor Inventory and Services Submission (VISS) tool is an API-based application used by affiliate providers who do not implement the Vendor Billing System (VBS). It provides a method for vendors to submit invoices, estimates, documents, images, and other materials related to charges. The application provides capabilities for repository content sharing and administration, and the installation includes user interface components.

 **Note:** *If you encounter problems during installation, please contact helpme@company.com.*

Preparation

Review this information before beginning your installation.

System specifications

For optimum performance, use our recommended system specifications.

- **Database:** MySQL, PostgreSQL, Oracle, or another supported RDBMS (for database-backed persistence management).
- **Operating systems:** Linux (preferred), Windows, or MacOS
- **JDK:** 8 or higher
- **Apache Tomcat:** 8.5 or higher.
- [Redacted continued specs.]

Allowed data types

The following types of data are accepted by the VISS system:

[Redacted list.]

Installation files

To access the VISS projects, go to... [Redacted location and authorization information.]

Pull the following projects from the SVN: [Redacted file list and definitions.]

Installation procedure

To install the application and repository, copy the VISS files to your Tomcat instance. Then initialize the repository to verify and optimize Tomcat configuration.

Install VISS

1. Without starting Tomcat, go to the **lib** directory of the **VISS-jcr** project.
2. Copy the JAR files into the Tomcat directory **common/lib**.
3. Copy the WAR files into the **webapps** directory. These include but are not limited to: [Redacted list]

Initialize the repository

Initialize the repository with **init_repository.sh**. The main menu presents these options:

- **Check Tomcat Config** – Displays info in the ***server.xml*** file to review for proper configuration.
- **Register Node Types** - Define which data types will be stored in the content repository.
- **Main Structure** - Create default folders, required hierarchies, and basic repository organization.
- **Admin Acct** – Set up the first administrative user account.

You will use this menu to complete the installation and to configure your repository.

Check Tomcat configuration

Select **Check Tomcat Config** from the main menu to review the Tomcat ***server.xml*** file for configuration with the proper JCR resources.

JCR Example

```
<Resource name="jcr/globalRepository"
  auth="Container"
  type="javax.jcr.Repository"
  factory="org.apache.jackrabbit.core.jndi.Bindable
    RepositoryFactory"
  configFilePath="/data/home/tcat2/jcrrepository/
    repository.xml"
  repHomeDir="/data/home/tcat2/jcrrepository/
    repository"
/>
```

JNDI Example

```
<Resource name="jdbc/globalVISSDB"
  auth="Container" type="javax.sql.DataSource"
```

```
driverClassName="org.apache.jackrabbit.core.  
    persistence.bundle.OraclePersistenceManager"  
url="jdbc:oracle:oci:@VISSQ"  
username="VISS2owner"  
password="welcome123"  
maxActive="20"  
maxIdle="10"  
schemaObjectPrefix="VISS2owner"  
maxWait="-1"  
  
</pre>
```



Note: *You can adjust Tomcat's thread pool and connection settings for the expected number of concurrent users. For example, increase the number of connections in the **maxActive** attribute.*

Once you have installed VISS, configure the data nodes and main structure, and set up an admin account.

Next

[Configuration procedures: Registering nodes and creating the main structure.](#)