



PRIMAVERA

**Security Guidance for P6 Reporting Database
Release 2.1**

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ODS Database User Security Guidance

ODS Security Implementation

For P6 Reporting Database R2.1, the ODS user security implementation is different than it was in the previous release.

ODS User Security in P6 Reporting Database R1

In P6 Reporting Database R1, Project Management application users needed the `report_user_flag` set to 'Y' in the `USERS` table in the P6 EPPM database. During an ETL run or Incremental run, the `USERS` table was checked. An ODS database user would be created for those flagged users, with the same username and password as the P6 EPPM users. The new ODS database users were able to view only the data for which they had permissions to view in the P6 EPPM database.

ODS User Security in P6 Reporting Database R2.1

For P6 Reporting Database R2.1, P6 EPPM users must be given Enterprise Reports module access to become reporting users in the ODS database. If a P6 EPPM user was a reporting user in a previous version they still must be granted module access through P6 EPPM application. These users with the `reporting_flag` set to 'Y' will not become reporting users without newly granted Enterprise Reports module access. When granted module access, a database user is created in the ODS instance for the username.

The ODS database users can only view the data for which they have permissions to view in the P6 EPPM database. P6 EPPM user passwords are not used as the ODS database users passwords. The ODS database users that are created for these P6 EPPM users have randomly generated passwords. An administrator (or a user with privileges to change other users's passwords) can reset the database user password in order to connect directly as the ODS database user.

User Database Access

The database access that the user has is based on a new role called **P6Reports**. This role gives the database user permissions to create a session. The user can only access public synonyms. These synonyms enable the user to view their P6 Reporting Database data. Because the user does not know the password, the recommended method for configuring P6 EPPM with the ODS reporting database is an SSO\LDAP configuration.

Setting up both P6 EPPM and BI Publisher with LDAP enables users to connect through P6 and be authenticated against the BI Publisher WebService. This enables users to run reports, which will then use a proxy connection to retrieve data from the ODS. The data retrieved is specific to the user, and can be displayed in a report in P6.

Customers who use a native authentication must configure BI Publisher to use database authentication with proxy, and then set up P6 with the Administrative user account for BI Publisher. The WebService to BI Publisher will use the Administrative BI Publisher account to connect and run the reports, and will also use a proxy connection to the ODS reporting database.

Configuration Information

See the *P6 Reporting Database Administrator's Guide* (or the *P6 Analytics Administrator's Guide* if you purchased P6 Analytics) for specific configuration information. See Pre-defined BI Publisher Reports in the P6 online help for information about pre-defined reports. Also, see "Configure P6 for Reporting" and "Getting Started with BI Publisher Reports" in the *P6 EPPM Administrator's Guide*.