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Fusion Middleware Migration Guide for Oracle Business Intelligence

2 Migrating from Oracle BI 11*g* to 12*c*

Migrating the metadata from Oracle BI 11*g* to 12*c* is a two-step process, and is carried out by using the BI Migration Script (migration-tool.sh). The first step in the process is to create an export bundle from a read-only 11*g* certified Release (11.1.1.7 or later) using the BI Migration Tool (bi-migration-tool.jar). The second step is to import the previously-generated export bundle in to the 12*c* system. The BI Migration Script is used to generate the BI Migration Tool jar file.

This procedure is applicable only for Oracle BI EE and BI Publisher.

> **Note:**
>
> The export process is read-only. Data, configuration, or existing binaries are not modified or deleted on the source system. During export, the metadata and configuration (specifically the data model and connection pools), the catalog content, and the security store authorization policy are retained. You must reconfigure the following:
>
> - The WebLogic authentication configuration
>   WebLogic does not support migration from 11*g* to 12*c*. Therefore, you must reconfigure the security realm in 12*c* and is not a part of the 11*g* to 12*c* migration. If your users and groups are in an external LDAP, you must configure your BI 12*c* to point to the external LDAP. If your BI 11*g* users were hosted in the WebLogic LDAP, you can use the WebLogic Server to export users from 11*g* in to 12*c* WebLogic LDAP. However, 12*c* does not support a BI System User. Therefore, you must delete the BI System User after importing it in to the 12*c* system.
>
> - Mid-tier database content (such as BI Publisher schedules, the job history of agents, scorecard annotations, and usage tracking tables)
>   The Agents are migrated from 11*g* to 12*c* in a disabled state. You must re-enable them after the migration. Re-enabling the agents recreates the entries in the scheduler database. However, the Agent history is not migrated from 11*g* to 12*c*. You must also reconfigure Usage Tracking.
>
> - Application-specific data such as TimesTen aggregates, the global cache, required database schemas, and Essbase applications, data, outlines, rules, and calculations
>
> The import process is offline. During import, metadata content is deployed to customize the specified service instance and it overwrites the existing configuration settings.

Topics:

- Prerequisites (GUID-F54AB5CF-B208-46D5-9FAC-FF15D6E80B61.htm)
  Ensure that you configure the environment as per Oracle recommendations in readiness for the migration.

- Generating the BI Migration Tool jar File (GUID-49CDC85E-E823-4FC9-A4FF-729723181041.htm)
  The BI Migration Tool is self-executing and self-contained. You must generate the BI Migration Tool jar file by using the BI Migration Script (migration-tool.sh). The BI Migration Script is made available after you install the 12*c* software. This step packages the components of the BI Migration Tool into a single, self-executing jar file, so that it can be easily transported on to an 11*g* system. To do this, you must have access to a 12*c* system with a configured domain. You must set up the 12*c* domain to provide sufficient infrastructure to run the BI Migration Tool and allow it to repackage itself. The 12*c* domain can be empty at this stage.

- Creating the Export Bundle (GUID-2A77CA2D-EF99-4204-AA3B-4CB6C9C693DD.htm)
  The export bundle is a ".jar " file and consists of the metadata information from the 11*g* Oracle home.

- Importing the Export Bundle Using the BI 12c Configuration Assistant (GUID-DEFB4384-1BEC-4FD9-92E6-9EA97FA8457B.htm)
  You can use the Oracle BI 12*c* Configuration Assistant to reference the export bundle while configuring the 12*c* system if you have installed but have not configured the 12*c* system. Follow the procedure in this topic only if you are configuring the 12*c* system for the first time. However, if you have already configured the 12*c* system, you have the BI domain and BI Service instance created. Perform the procedure to import the export bundle using the BI Migration Script.

- Performing an Import Using the BI Migration Script (GUID-CD2653C8-8E33-487A-97D7-12C11B633968.htm)
  Use the BI Migration Script (migration-tool.sh) to import the 11*g* data in to the 12*c* system, if you have already configured the 12*c* system. The BI Migration Script automatically determines the Oracle home and the Domain home directories.

- Validating the Oracle BI Deployments (GUID-7E0C3534-3283-418F-912D-F4F39880543D.htm)
  The Oracle BI Baseline Validation Tool enables you to identify differences during life cycle operations, such as migrating from the Oracle BI 11*g* release to the 12*c* release. After you complete the migration procedure, you can use this tool to compare the two deployments and verify whether the results from the 11*g* environment are the same as the results from the 12*c* environment.

✕ (https://docs.oracle.com/middleware/1221/core/BIMIG/GUID-D0867450-46D6-BAC4-F615-D731802203.htm)

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