

CIS on Linux Microsoft Access Database Connection and Introspection Procedures



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Introduction

This document describes how to connect a Microsoft Access database via a custom adapter in order to perform a database introspection from a Cisco Information Server (CIS) that is installed on a Linux platform.

Background Information

In some scenarios, you might want to perform a database introspection of the Microsoft Access database. Since there is not a Microsoft Access adapter for CIS that runs on a Linux system, you must install a third-party Java Database Connectivity (JDBC) driver as a custom adapter.

Note: The example in this document uses the adapter that is provided in the HXTT Access Pure Java JDBC (1.2, 2.0, 3.0, 4.0, 4.1, 4.2) Drivers for MS Access document.

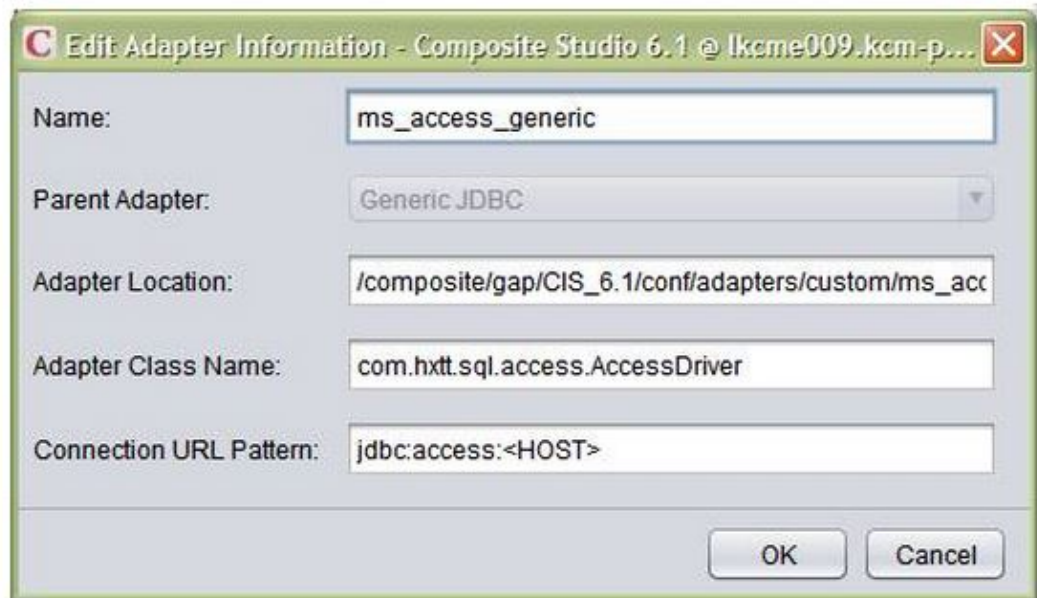
Install the HXTT JDBC Adapter

Complete these steps in order to install the HXTT JDBC adapter for Microsoft Access on the CIS that runs on a Linux system:

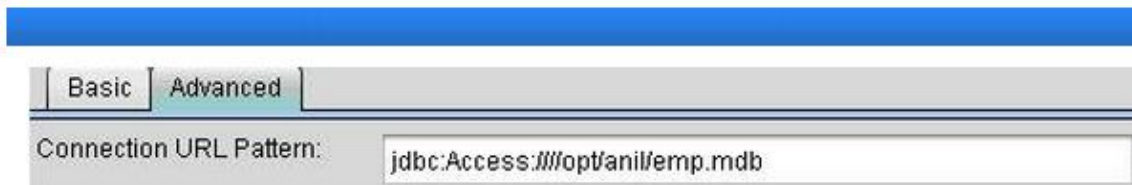
1. Create a directory: `opt > Composite_Software > CIS_6.1.0 > conf > adapters > custom > hxtt`.
2. Copy the `Access_JDBC40.jar` file into the directory:

```
sup@sup-1-lin:/opt/Composite_Software/CIS_6.1.0/conf/adapters/custom/hxtt$ ls -l
total 2668
-rw-r--r-- 1 sup sup 2723099 2012-07-12 10:29 Access_JDBC40.jar
-rw-r--r-- 1 sup sup 7364 2012-07-12 10:30 hxtt_values.xml
```

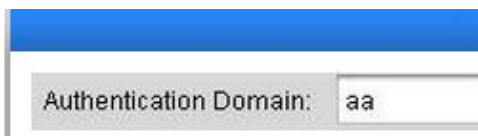
3. Click *New Data Source*, click *New Adapter*, and enter this information:



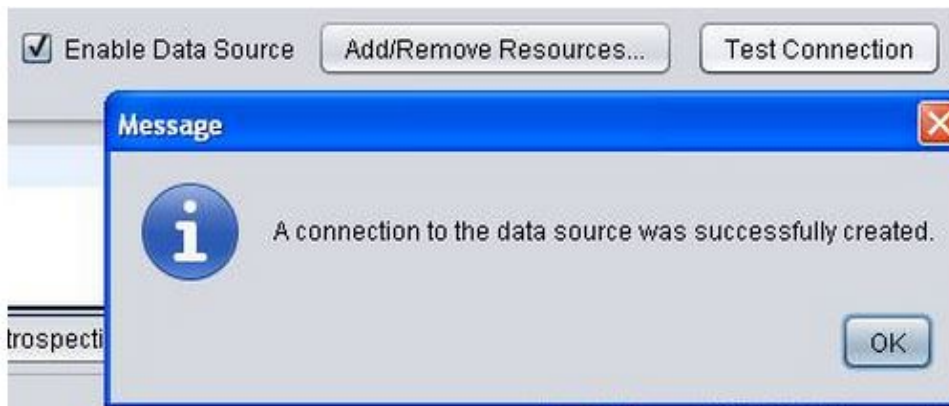
4. Create a new datasource, navigate to the Advanced tab, and enter this JDBC connection string:



5. Navigate to the Basic tab, and enter a fake value in the *Authentication Domain* field. If a value is not entered, CIS notifies you that the field has been left empty.



6. Click *Test Connection* in order to verify that the JDBC string can be used in order to make a connection:



7. Perform the datasource introspection.