

# **FAQs on Using Informatica Cloud for Amazon Redshift**

**1) Do I need any pre-requisite Informatica software to integrate with Redshift?**

You do not need to have any existing Informatica software to integrate with Redshift. You can simply go to [www.InformaticaCloud.com](http://www.InformaticaCloud.com) and sign up for a free 30-day trial and get started within just a few minutes. If you want to continue your use of Informatica Cloud after the trial, it is available on a subscription basis.

**2) I want to try out Informatica Cloud and Redshift so I can perform analytics, but I don't know how to create a database nor do I know SQL. How can I use it?**

The Informatica Cloud Data Synchronization Wizard allows you to create a target table in Redshift based on the fields coming from your source. In addition, the Cloud Designer can help you create more complex Redshift tables based on multiple source without the need for SQL coding required.

**3) What types of operations can I perform with Amazon Redshift?**

The Informatica Cloud connector supports the following operations, Insert, Delete, and Upsert (update or insert if new). Although Redshift does not natively support Upserts, the Informatica Cloud Connector follows AWS Redshift best practices to achieve this functionality. Please see the following for more information:  
[http://docs.aws.amazon.com/redshift/latest/dg/c\\_best-practices-upsert.html](http://docs.aws.amazon.com/redshift/latest/dg/c_best-practices-upsert.html)

**4) How fast can I load data into Redshift?**

Data loading performance will vary on a number of factors, including how many nodes you have in your Redshift Cluster and your network bandwidth. Internal Informatica Cloud testing has shown uploads of 20GB an hour and 500,000 rows per minute.

**5) Can I use my existing Informatica PowerCenter instance to integrate data with Redshift?**

There are 2 ways you can work with Redshift using PowerCenter:

- 1) The Redshift connector for PowerExchange can be used with Powercenter 9.5.1
- 2) You can use the Informatica Cloud connector for Redshift in conjunction with PowerCenter. You will need to first login to Informatica Cloud to identify your source data and define how it will be moved and transformed before being loaded into Redshift. Once that is done you can use the PowerCenter Workflow Manager to create and define a Command Task that will invoke the Informatica Cloud task to run.

**6) Can I use the Informatica Redshift connector to read data?**

No, the connector is only used for loading data. AWS Redshift provides read access via PostgreSQL ODBC or JDBC connections. Informatica Cloud will support push down optimization via ODBC as of the Summer 2014 release (R20) to allow for in database transformations and optimization.