

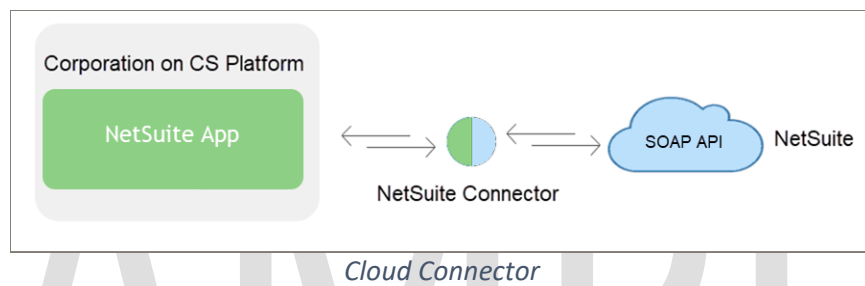
Connectors

Connectors are pipelines between applications that use REST APIs as well as those that use non-REST APIs, for example SOAP APIs. As data from the source application moves through the pipeline, it can be transformed and reformatted into data that the destination application can manage and store. Data can move in both directions. Cloudsnap offers cloud and on-premises connectors.

Cloud Connectors

The Cloudsnap platform resides in the cloud where it can connect third-party applications that reside there as well. Cloudsnap has built cloud connectors for these APIs, which it hosts on AWS s3. Cloudsnap has built connectors that convert the SOAP responses to JSON that the platform can use.

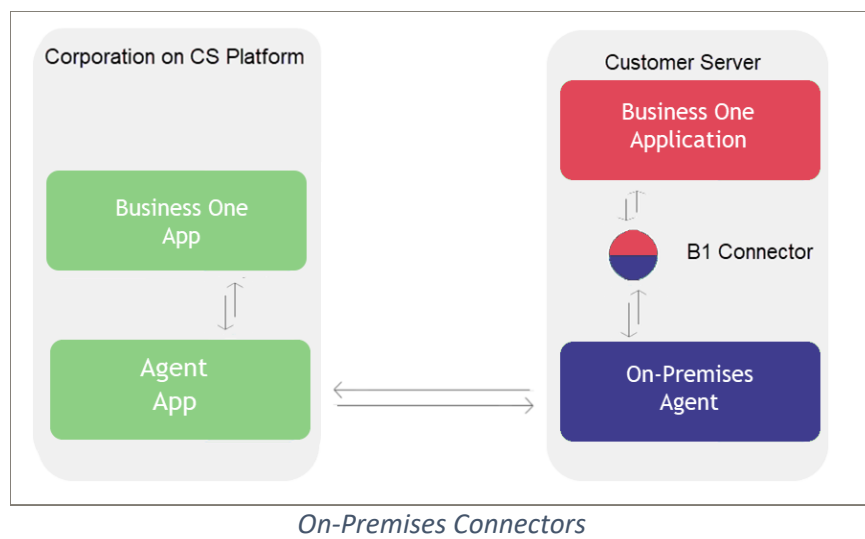
The following diagram illustrates the connection between a NetSuite application on the Cloudsnap platform and a NetSuite application in the cloud.



On-Premises Connectors

The Cloudsnap Agent connects an on-premises application and a cloud application. When the agent and an on-prem connector are installed in the customer's environment, the agent grants the platform restricted access to the environment so the connector can talk with the customer's application.

The following diagram shows the data flow from an on-premises Business One application through the on-premises Cloudsnap Agent to the Application Agent on the Cloudsnap platform to the Business One application in the cloud.



Cloudsnap Agent, Agent App, and Agent Monitor

Connectors can run in the cloud as part of the Cloudsnap platform, or on a Windows or Linux Server in a customer's on-premises network.

Because a corporate network is not accessible in the public cloud, a connector must be set up between Cloudsnap and customer's on-premises network. Installing the **Cloudsnap Agent** on premises and an **Agent App** on the Cloudsnap platform creates a secure web socket connection, which passes data between our platform and the private network. The agent uses two connection methods:

- **Proxy** accesses applications hosted in the customer's environment. The platform builds the request. When the request passes to the agent, it makes a request within the customer's environment, which responds to the request.
- **Database connection** queries the database in the customer's environment.

The diagram for an on-premises connector follows the path of a Business One application in the customer's private network through a connector and agent to the platform.

