Deploy the DataStax Agent for C3

Perform these steps to associate the OpsCenter with the Cassandra nodes. You can deploy the DataStax agent before or after you install OpsCenter.

### Prerequisites

Verify that the following prerequisites before you install the DataStax agent.

* You have root or sudo access to the machines where you will install the agents.
* The Cassandra cluster is up and running.
* You installed and configured OpsCenter.
* JMX connectivity is enabled on each node in the cluster.

### Install DataStax using Debian

Repeat the following steps on each of the Cassandra nodes.

1. Add the DataStax repository to the /etc/apt/sources.list.d/datastax.community.list file, if you have not already done so.­­

$ echo "deb http://debian.datastax.com/community stable main" | sudo tee -a /etc/apt/sources.list.d/datastax.community.list

1. Add the DataStax repository key to your Aptitude trusted keys.

$ curl -L https://debian.datastax.com/debian/repo\_key | sudo apt-key add -

Note: If you have trouble adding the key, use http instead of https.

1. Install the DataStax agent.

$ sudo apt-get update

$ sudo apt-get install datastax-agent

During these steps, Debian starts the DataStax agent.

1. The node must get to know the OpsCenter node. To do this, in an address file on each node, set stomp\_interface to the host name or IP address that OpsCenter is using. Run the following command to create the address.yaml file and identify the OpsCenter’s host name or IP address. Replace <*reachable\_opscenterd\_ip*> with the actual host name or IP address for OpsCenter.

$ echo "stomp\_interface: <*reachable\_opscenterd\_ip*>" | sudo tee -a /var/lib/datastaxagent/conf/address.yaml

# Running the DataStax agent

Debian automatically starts the DataStax agent, so there are no actions to perform other than to stop or start the agent as needed.

### Verify the DataStax agent

* Run the following command to verify that the Datastax agent is running.

ps –ef | grep datastax-agent

### Stop the DataStax agent

To stop the DataStax agent, run the following command.

* $ sudo service datastax-agent stop

### Start the DataStax agent

To restart the DataStax agent, run the following command.

* $ sudo service datastax-agent start