

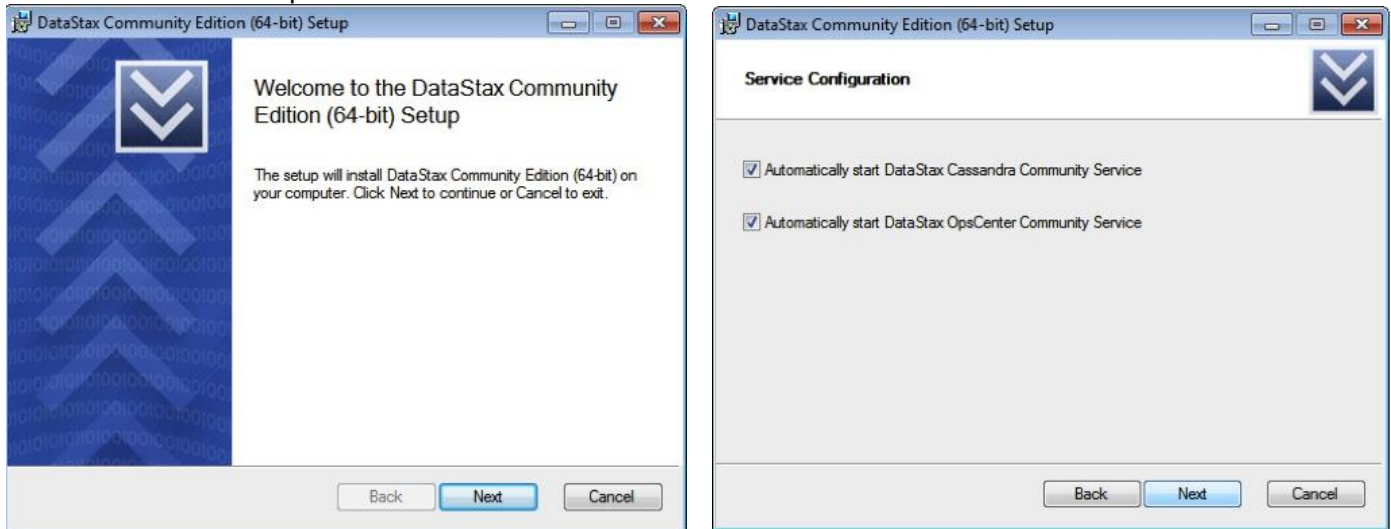
Steps to Install Cassandra in Windows

1. Download DataStax Community Edition — Apache Cassandra from <http://www.planetcassandra.org/cassandra/>

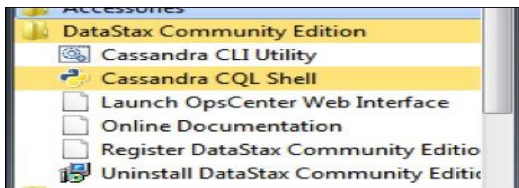
The only prerequisites you'll need for your Windows machine are:

- Windows 7 or Windows 2008 server
- Java
- Either the Firefox or Chrome Web browser for DataStax OpsCenter (which doesn't support Internet Explorer yet)
- There is a dependency on the Visual C++ 2008 runtime (32bit), but Windows 7 and Windows 2008 Server R2 has it already installed. If you need it, see: <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29>

2. Click "Next" and complete installation.



3. Once installation is complete, the Cassandra shell can be accessed by clicking the Start>Programs>DataStax Community Edition> Cassandra CQL Shell.



4. The primary interface into Cassandra is the CQL (Cassandra Query Language) shell utility, which can be used to create a new keyspace (analogous to a database in the RDBMS world) for the new Cassandra server:

```
create keyspace hr with replication={'class':'SimpleStrategy', 'replication_factor':1};
```

Once a keyspace is created, you can create column families (the primary data object in Cassandra), insert data, query data, and more:

```
use hr;
create table emp(empid int primary key, emp_first varchar);

insert into emp (empid, emp_first) values (1, 'Fred');
insert into emp (empid, emp_first) values (2, 'Mary');
insert into emp (empid, emp_first) values (3, 'John');

select * from emp;
```