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Lesson 5 Demo 2: Creating a Data Bag Using Knife

This section will guide you to:

* Create a data bag using knife

This lab has three sub-sections, namely:

1. Creating a data bag with data bag item
2. Updating the data bag item
3. Providing the path to the file

***Note:*** *The demos are incremental. Please ensure you have successfully completed the previous demos before proceeding. Make sure the knife configuration file is already configured (Lesson 3 Demo 3) before creating a data bag item.*

**Step 1: Creating a data bag with data bag item**

* Navigate to the chef-repo using the command

**cd ~/chef-repo/**

* Create a data bag item under the data\_bags directory in the chef-repo as shown below:

knife data bag create DATA\_BAG\_NAME

**knife data bag create example**

**Step 2: Updating the data bag item**

* Update the data bag item using file argument as shown below:

knife data bag from file BAG\_NAME ITEM\_NAME.json

**knife data bag from file example example\_item.json**



* This request needs a valid data bag, so it can best be run by going to:

**cd data\_bags**

**cd example**

**knife data bag from file example example\_item.json**

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**Step 3: Providing the path to the file**

* Run the below command to provide the full path to the data bag:

knife data bag from file BAG\_NAME /path/to/file/ITEM\_NAME.json

**knife data bag from file example ~/chef-repo/data\_bags/example/example\_item.json**

