**Deployment instructions:**

* **For DynamoDB Connector:**

DynamoDB connector is placed under “DBConnection” folder in project. These are prerequisistes:

* **Node js**

For this connector to work, node.js is mandatory. More information can be found on <https://nodejs.org/en/> .

To install node.js on a Linux Server, there are several options. Installer can be downloaded from this page <https://nodejs.org/en/download/> , or can be installed via package manager.

To install node.js via package manager, instructions can be found here <https://nodejs.org/en/download/package-manager/>.

Alongside with node.js, NPM (node package manager) is installed, which will be used to install node modules.

* **Aws-sdk and commander modules.**

Aws-sdk and commander Node modules are required for this connector to work. These can be installed via npm.

In Linux, bash syntax is as follows:

sudo npm install aws-sdk

sudo npm install commander

This will install required node modules.

* **Configuring cron task:**

A bash script has been created, which can be configured as a cron task. This file needs to be adjusted according to client needs. Syntax is:

node filename.js –t tablename > Output.csv

where **filename.js** is the node script (in this case, dynamoDB.js), **tablename** is the name of the table in DynamoDB DataBase (in our local example, table was called Survey), and **Output.csv** is the name of the output CSV file, in our case, Survey.csv. This file name will be used later.

* **db.php**

This PHP script converts the CSV file into an array. In line 15, the path to the file has to be defined. Notice that the file name used here, is the one defined on the cron task.

**private** $fileSurvey = "http://212.47.226.113/Survey.csv";

* **Employee data processing**

For the project to work, the survey data has to be merged with employee data. This is done in /EmployeeDataAccess/EmployeeData.php file. In line 15, the path to the CSV file with employee data

**public** $fileEmployees = "example\_data.csv";