OHDSI in a Box – Setup

1. Open VM VirtualBox Manager

2. Click on New
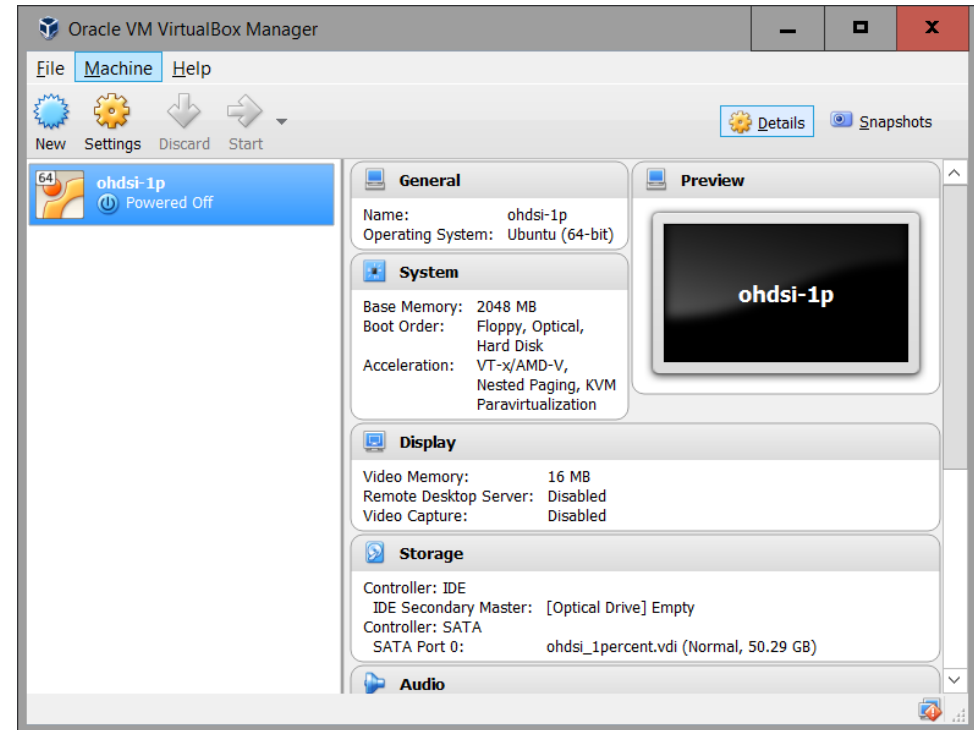
OHDSI in a Box – Start Up
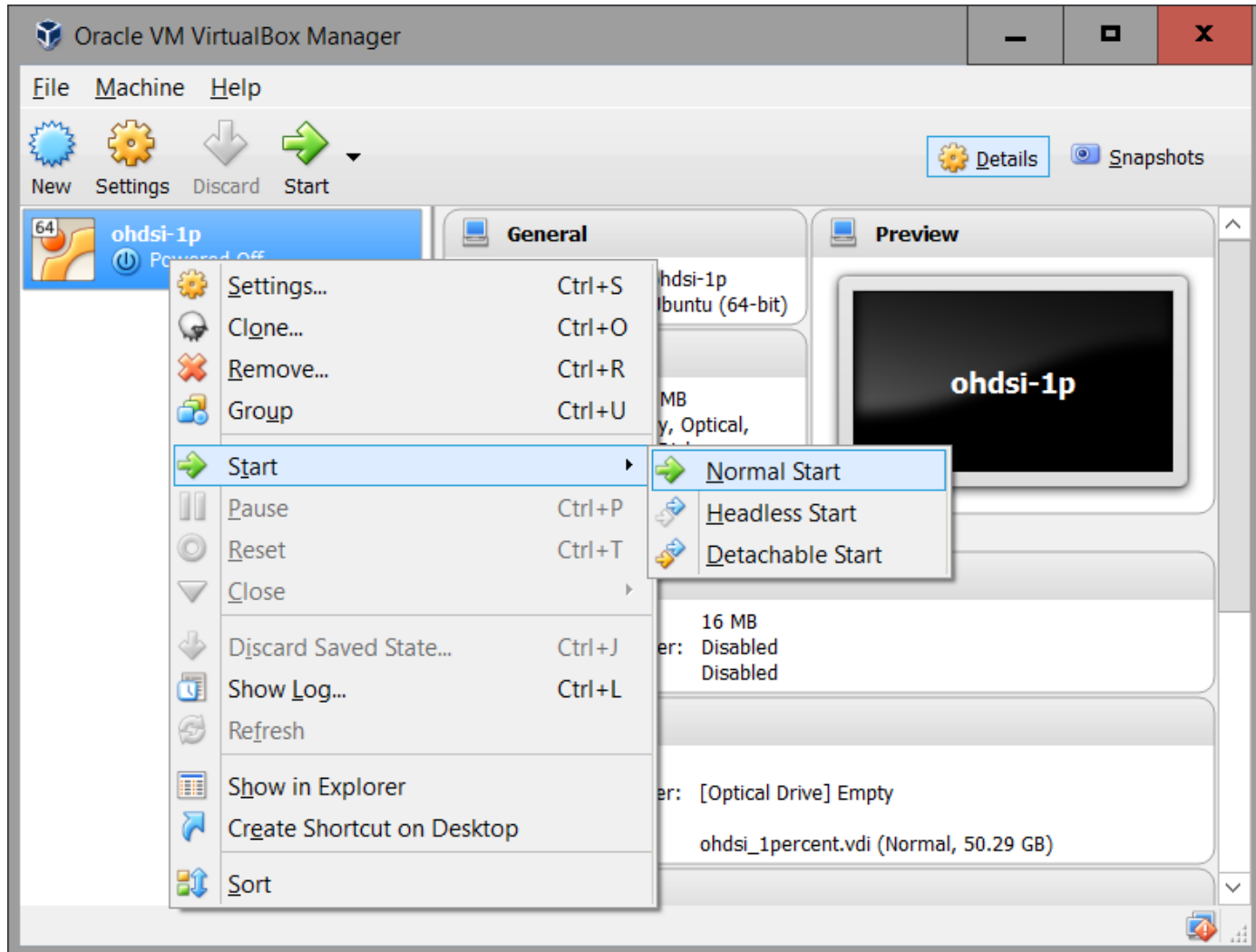
OHDSI in a Box – International Keyboards

OHDSI in a Box – Adjust Resolution

OHDSI in a Box – Clipboard
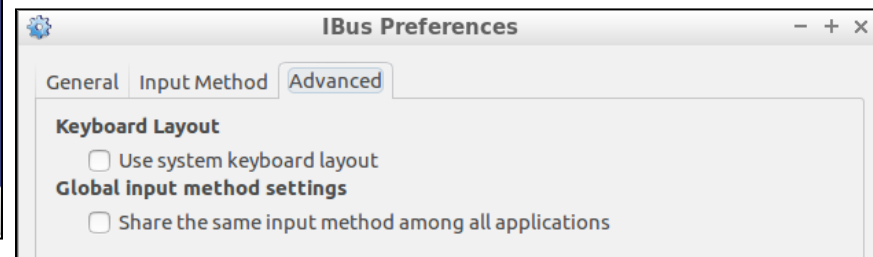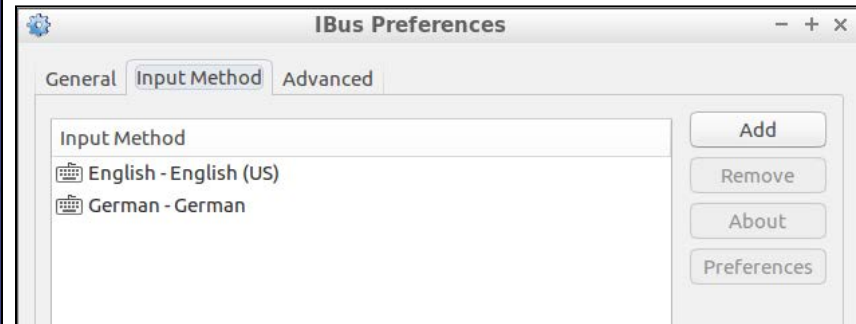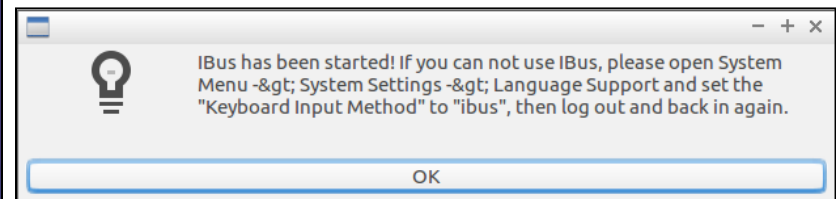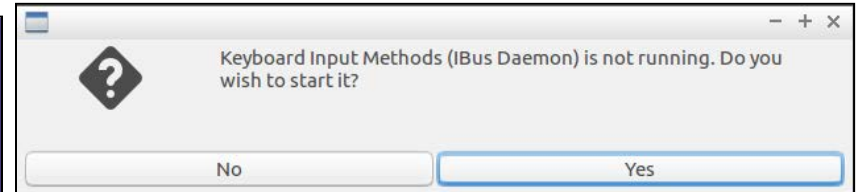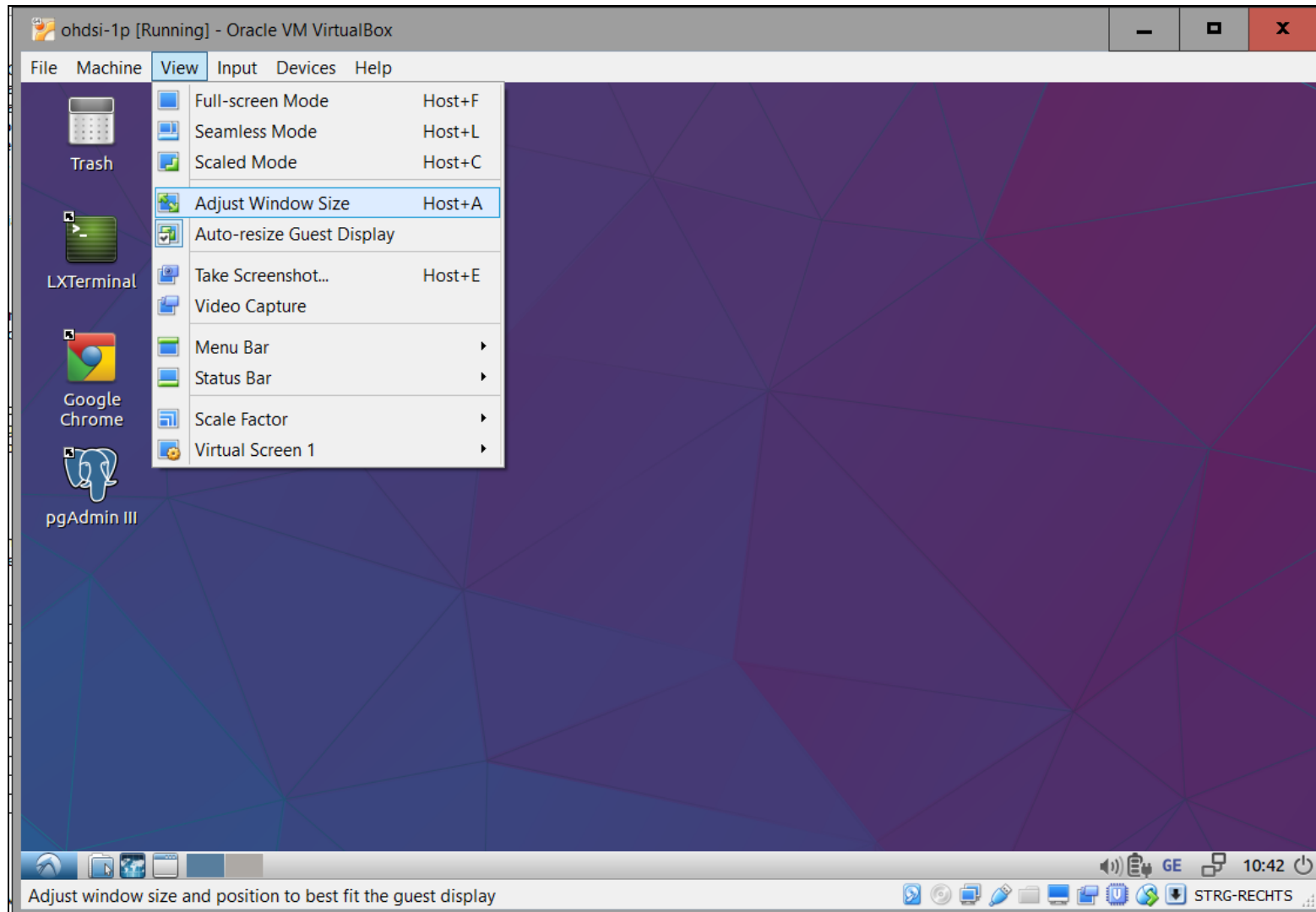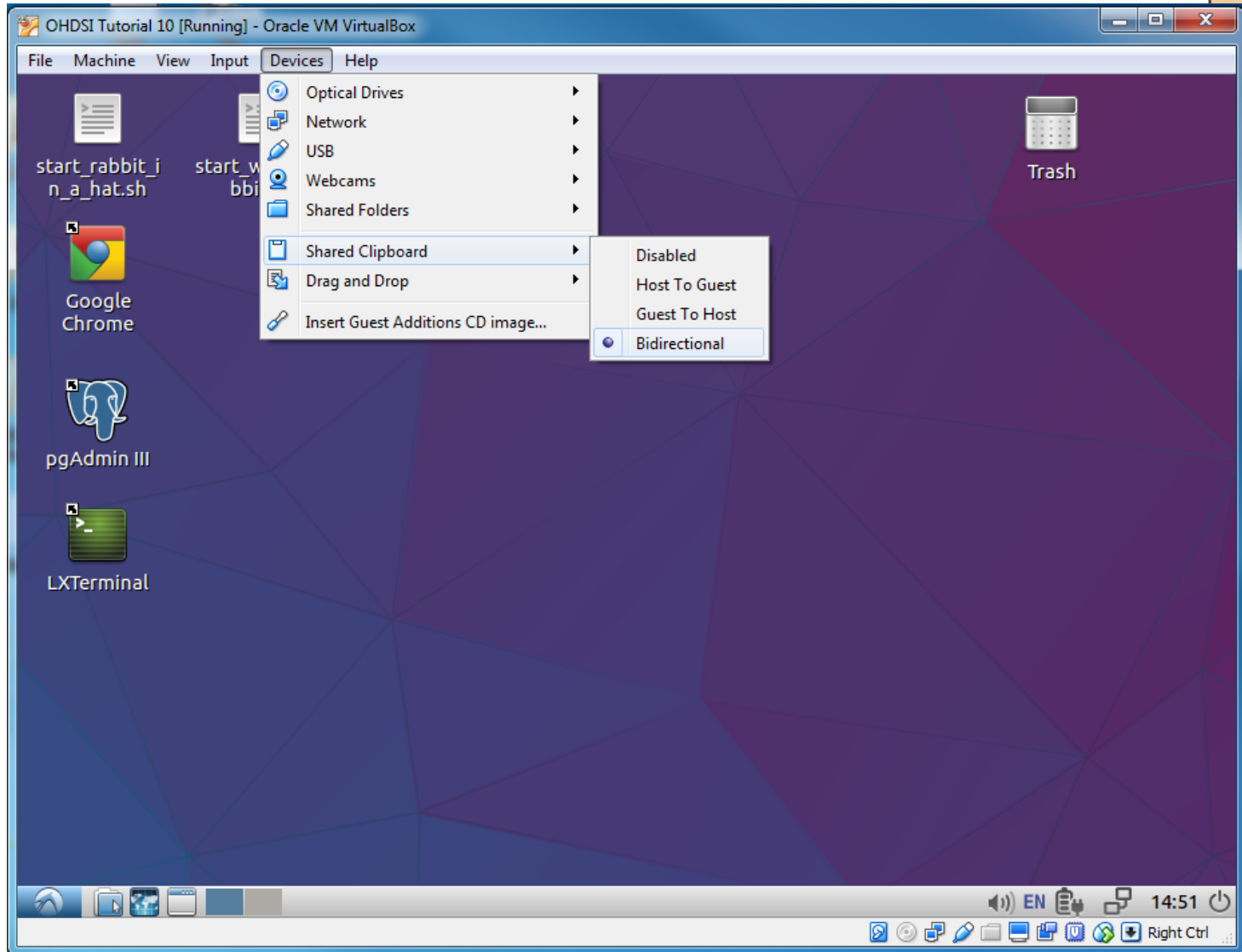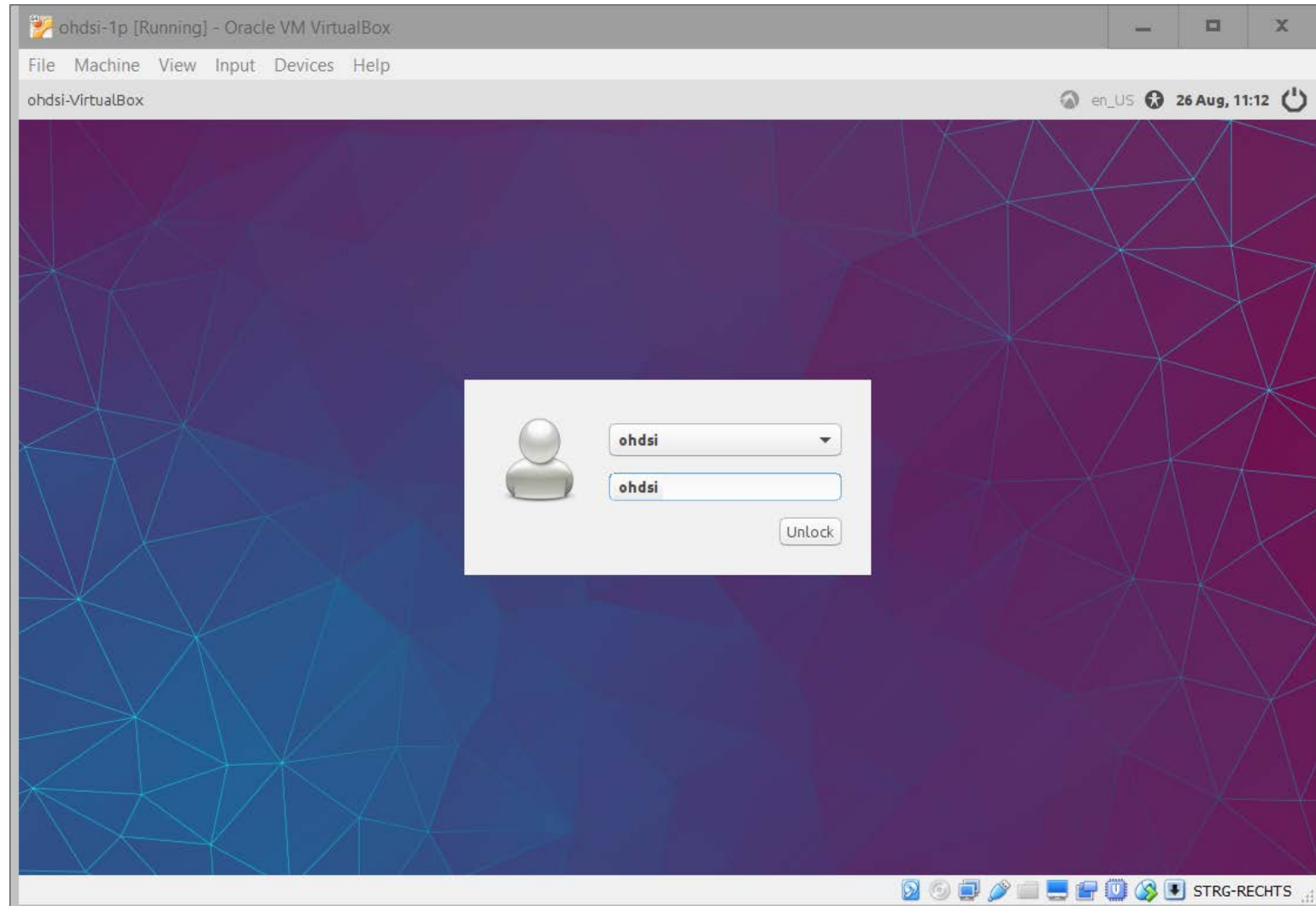
OHDSI in a Box – Timeout

OHDSI in a Box – Ready
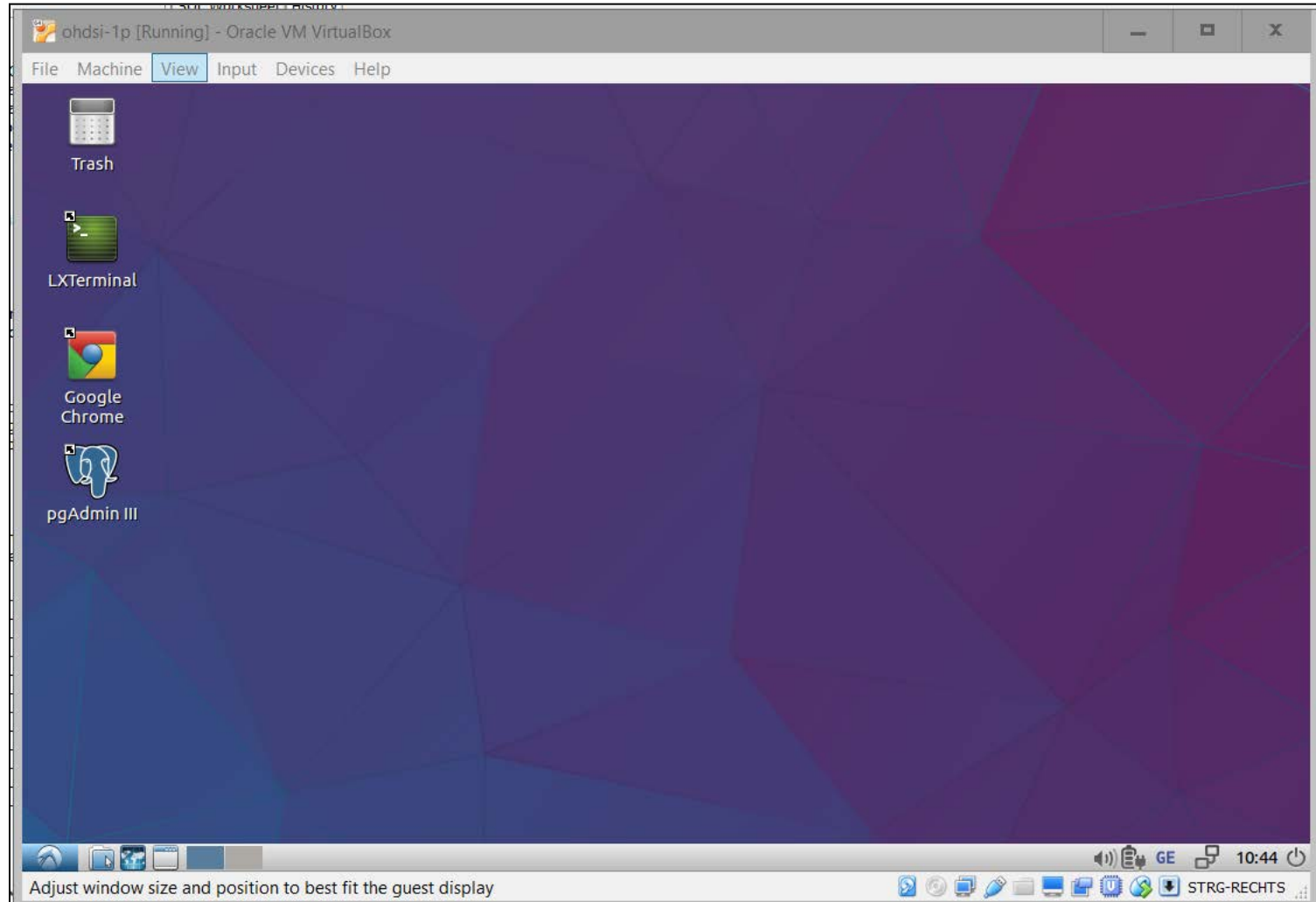
CDM Database – pgAdmin III New Server

CDM Database – Connect
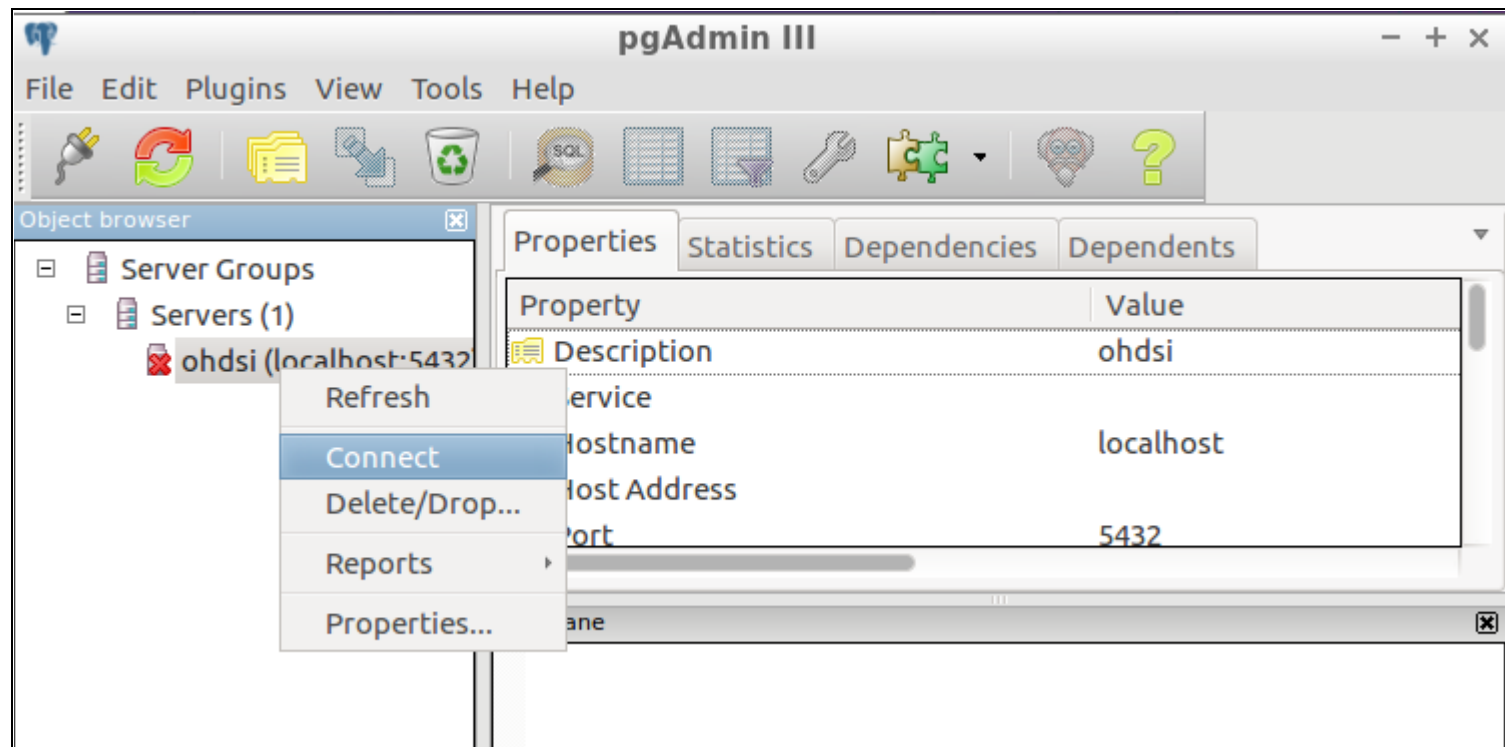
CDM Database – Open SQL Sheet

CDM Database – Ready

Data Used for Demonstration

- Medicare Claims Synthetic Public Use Files (SynPUFs)
  - synthetic US Medicare insurance claims database
  - Medicare is a government based insurance program for primarily 65 and older but also individuals with disabilities
  - SynPUF not for research but rather demonstration/development purposes
  - Has been converted to the Common Data Model

CMS.gov
Centers for Medicare & Medicaid Services

Data Used for Demonstration

- Five types of data:

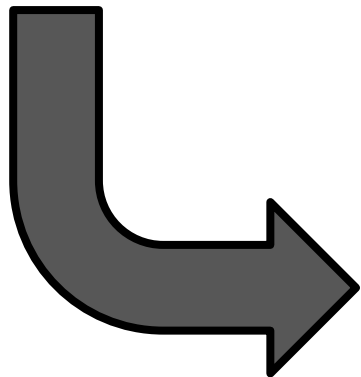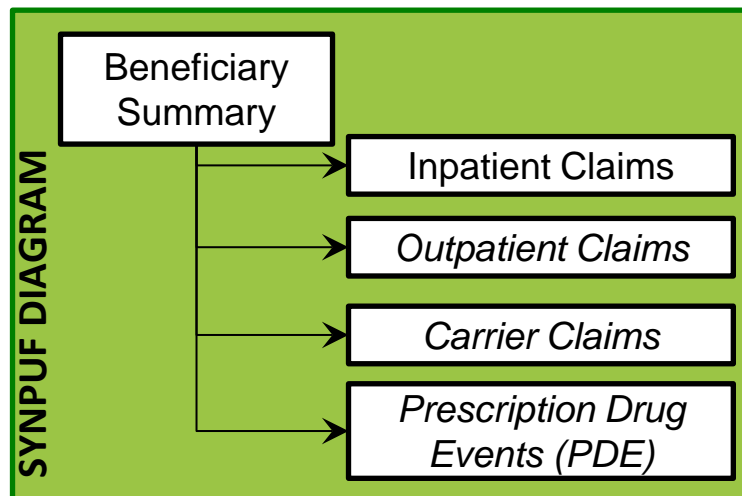| DE-SynPUF	Unit of record	Number of Records 2008	Number of Records 2009	Number of Records 2010
Beneficiary Summary	Benefi-ciary	2,326,856	2,291,320	2,255,098
Inpatient Claims	claim	547,800	504,941	280,081
Outpatient Claims	claim	5,673,808	6,519,340	3,633,839
Carrier Claims	claim	34,276,324	37,304,993	23,282,135
Prescription Drug Events (PDE)	event	39,927,827	43,379,293	27,778,849

SynPUF High Level Diagram
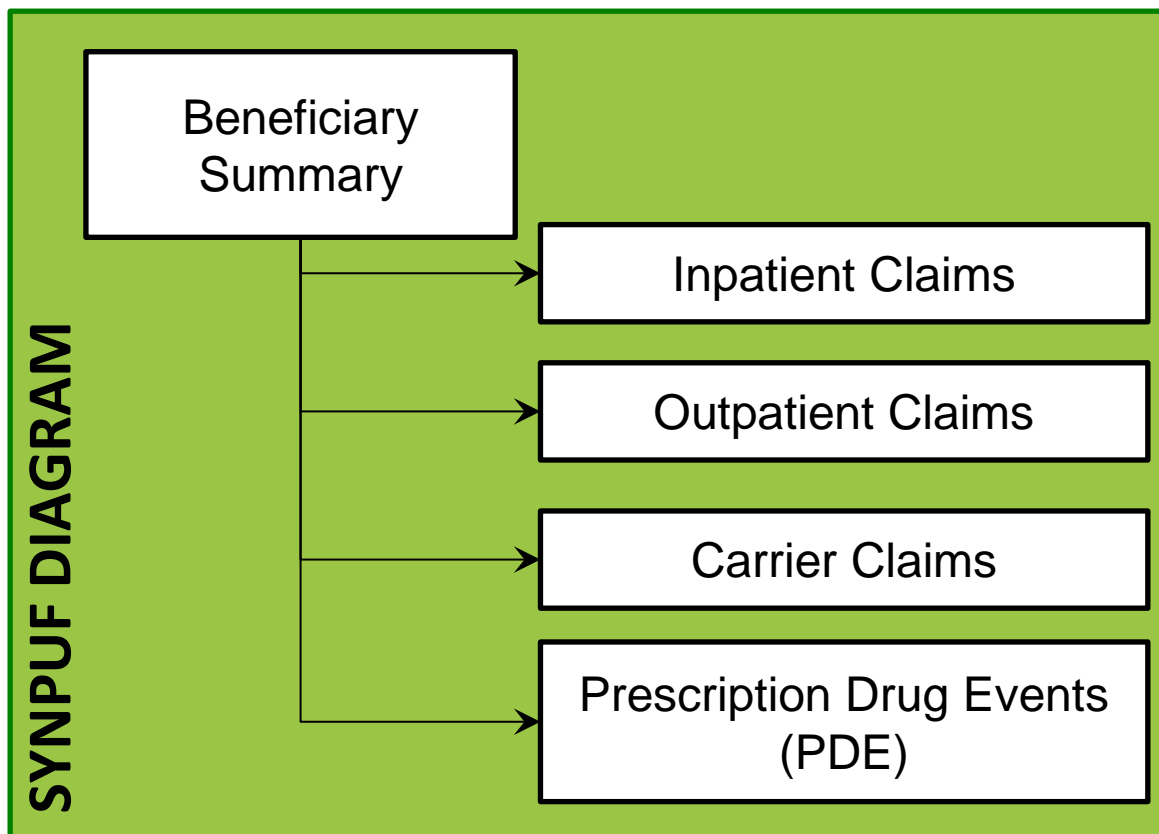
Mapping SynPUF to CDM

SynPUF

CDM