**SNIATM Swordfish Power BI Sample Integration Installation Documentation**

A Power BI dashboardis a single page, often called a canvas that uses visualizations to tell a story. Because it is limited to one page, a well-designed dashboard contains only the most-important elements of that story. The Swordfish Sample Integration provides a sample of a set of dashboards as a starting point for storage managers to integrate Swordfish-enabled storage systems into their Power BI management environments.

Power BI is a Data Visualization and Business Intelligence tool that converts data from different data sources to interactive dashboards and BI reports. Power BI suite provides multiple software, connector, and services - Power BI desktop, Power BI service based on SaaS, and mobile Power BI apps available for different platforms. These set of services are used by business users to consume data and build BI reports.

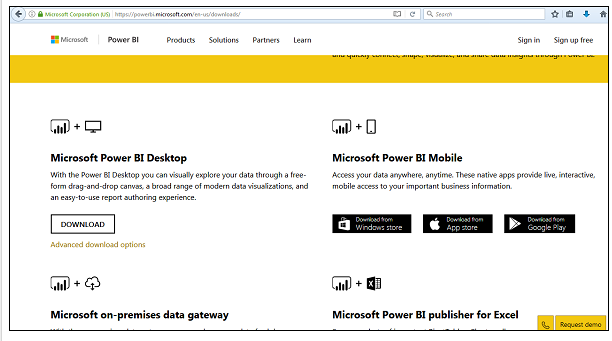
### What version to use:

The Power BI desktop app is used to create reports, while Power BI Services (Software as a Service - SaaS) is used to publish the reports, and Power BI mobile app is used to view the reports and dashboards.

Therefore, in order to create a dashboard based on the SNIA Swordfish sample, you will need to download the Power BI Desktop version.

Power BI Desktop is available in both 32-bit and 64-bit versions. To download the latest version, you can use the following link −

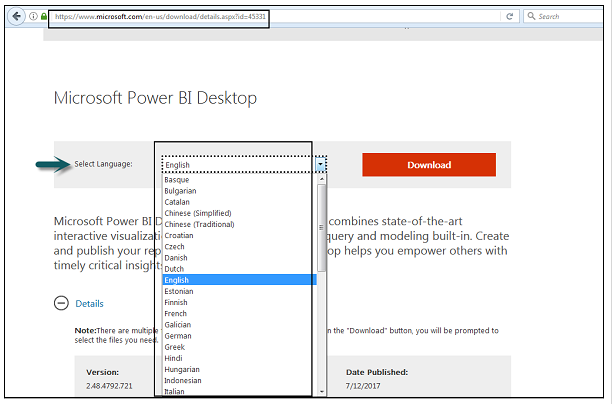
<https://powerbi.microsoft.com/en-us/downloads/>



Supported Operating Systems:-

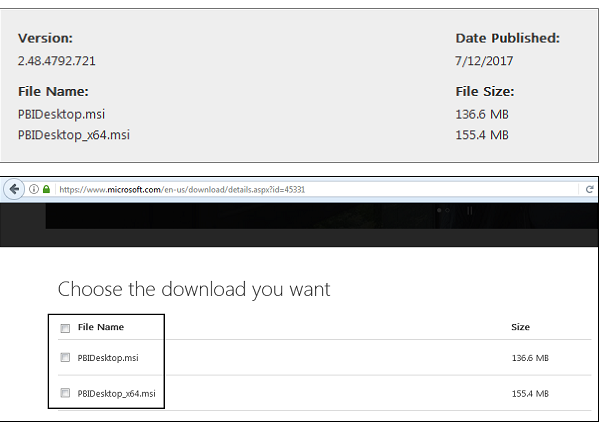
* Windows 10, Windows 7, Windows 8, Windows 8.1, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2
* Microsoft Power BI Desktop requires Internet Explorer 9 or higher
* Microsoft Power BI Desktop is available for 32-bit (x86) and 64-bit (x64) platforms

Users can select a language in which they want to install Power BI and following files are available for download.



This is the link to directly download Power BI files −

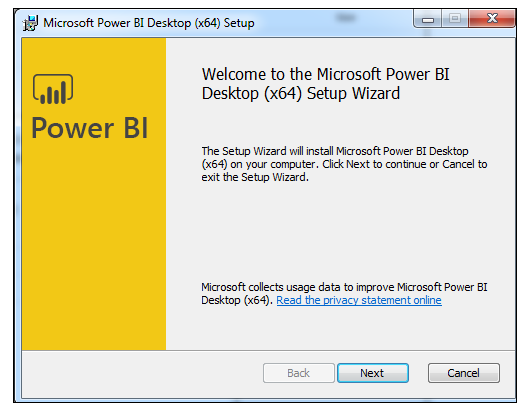
<https://www.microsoft.com/en-us/download/details.aspx?id=45331>



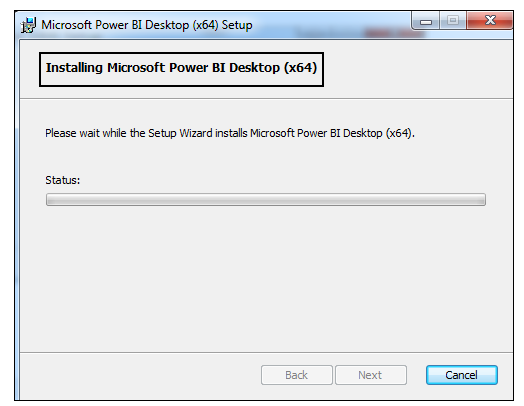
PBIDesktop\_x64.msi shows a 64-bit OS file. Select the file you want to install as per OS type and click Next. Save the installation file on the local drive.



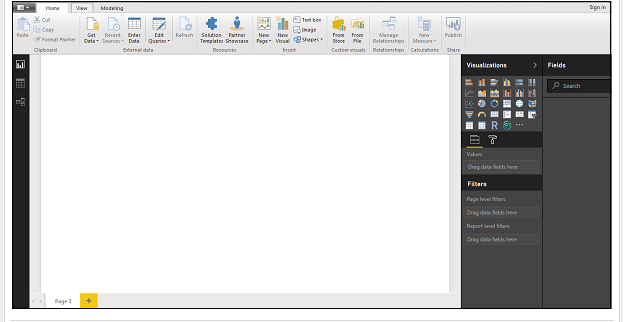
When you run the installation file, following screen is displayed.



Accept the license agreement and follow the instructions on the screen to finish the installation.

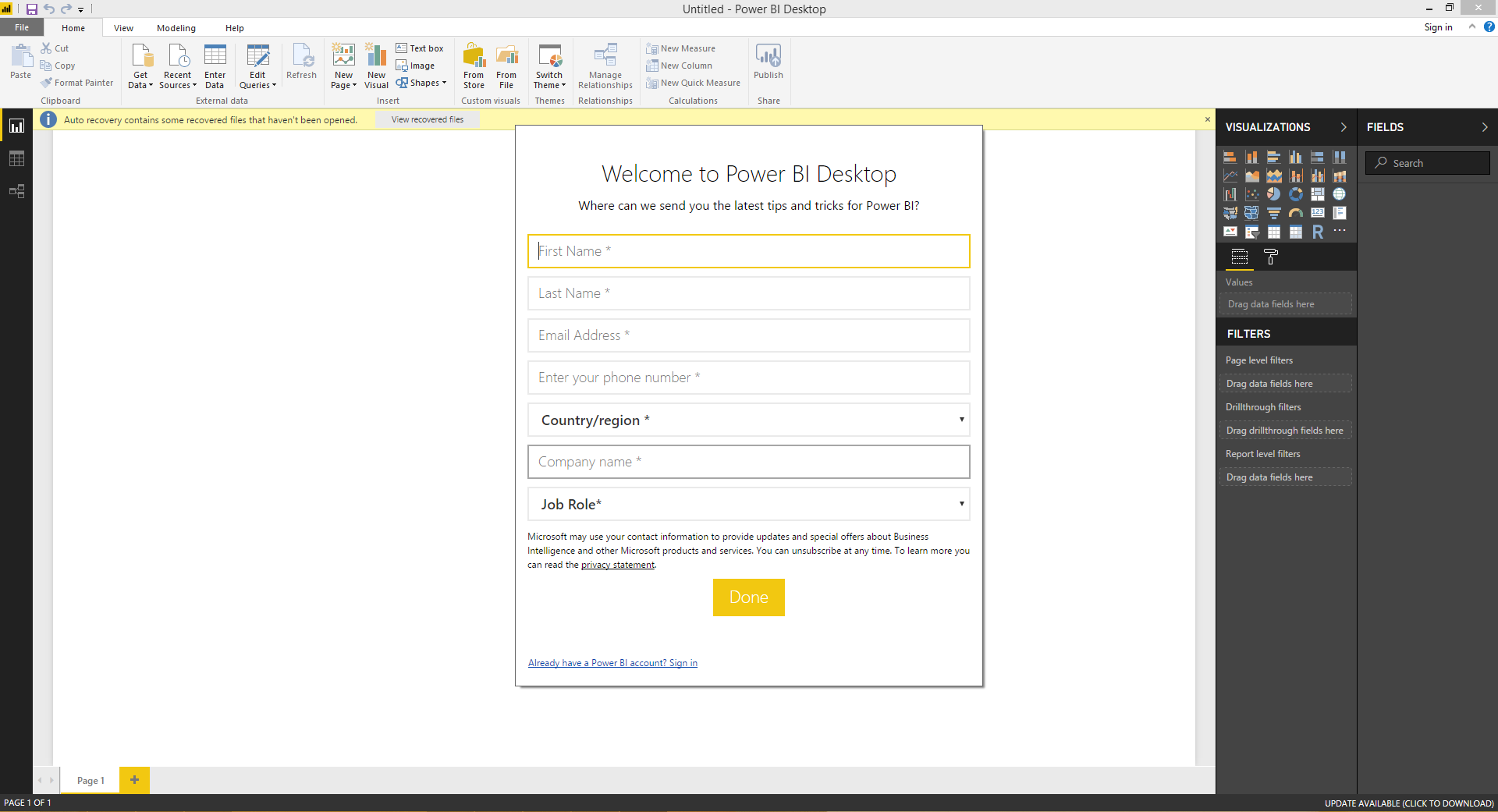


When Power BI is installed, it launches a welcome screen. This screen is used to launch different options related to get data, enrich the existing data models, create reports as well as publish and share reports.



The following instructions describe the process for the web version:-

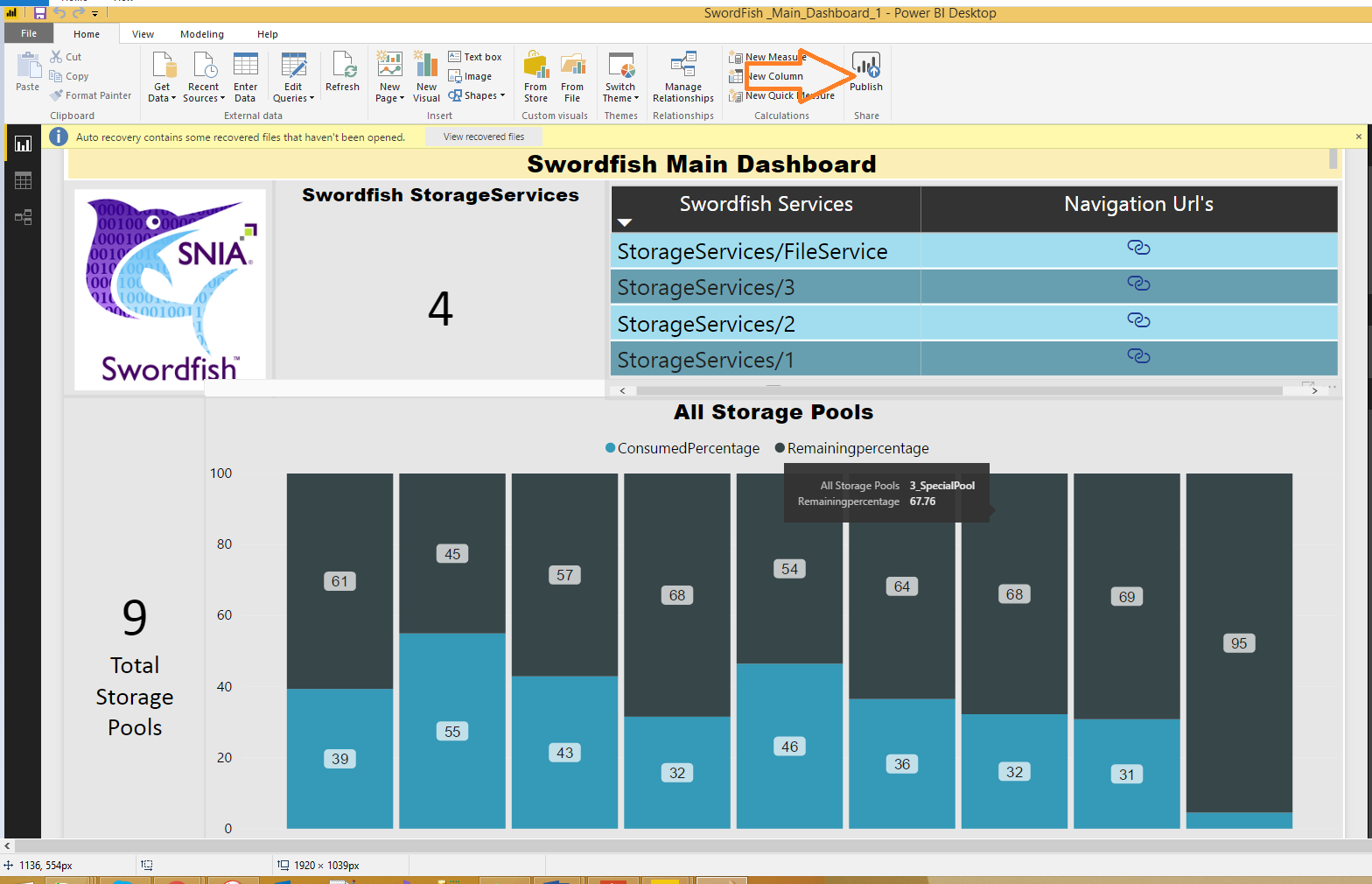
Power BI is a web service to which you can upload data and build insightful dashboards and charts. As with any web service, you need to sign in, but Power BI does not require much in the way of credentials: to get started, all you need is a valid email address.



The completing the above process then sign in the Power BI page.

1. After completing the creation of reports we have to publish the reports in power bi cloud by giving Email id and Password you gave when signup process.

2) By completing the Report when click on the publish button as shown in the below figure

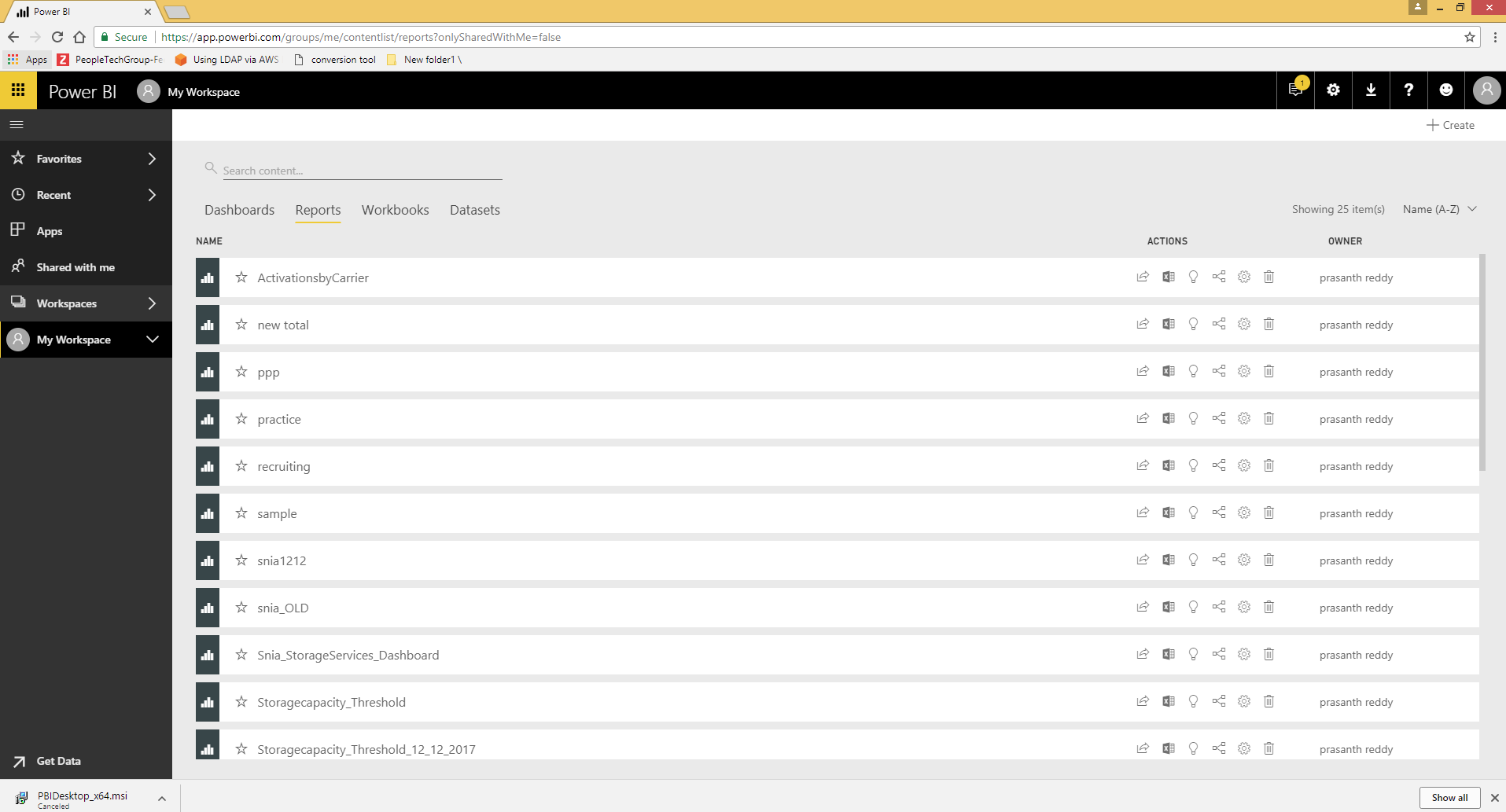


After publishing the reports we can see the reports in cloud environment

When we see those reports go to the web browser and click on [www.powerbi.microsoft.com](http://www.powerbi.microsoft.com)

Sign in by using your email-id and Password

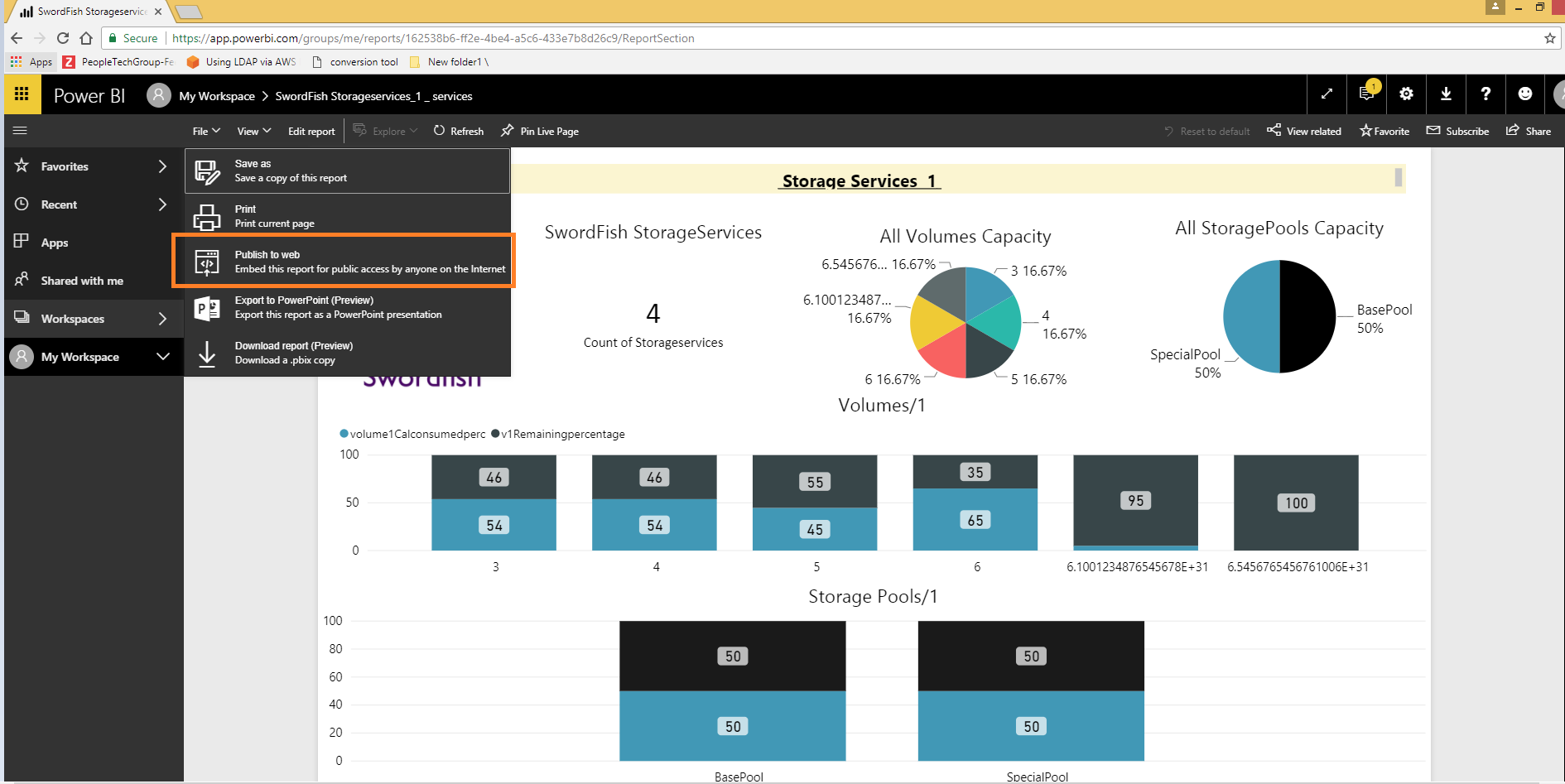
When going to the power-bi Report server the main page will be as shown in the below figure



All published reports will be saved here. Share the Dashboards using the procedure described below.

### Viewing Reports

The reports may be shared with anyone using Power BI. To share, go to the file menu in Power BI desktop, and click on “Publish to web”:



Then it will automatically create one URL (uniform resource locator), we can share those URL to anyone.