



How to Guide

Predictive Settings

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1. Document Purpose

The purpose of this document is to guide users on how to configure the required settings for the Predictive Analysis plugin of the BDB Platform. It is recommended that users follow the step by step process given below.

2. Pre-requisites

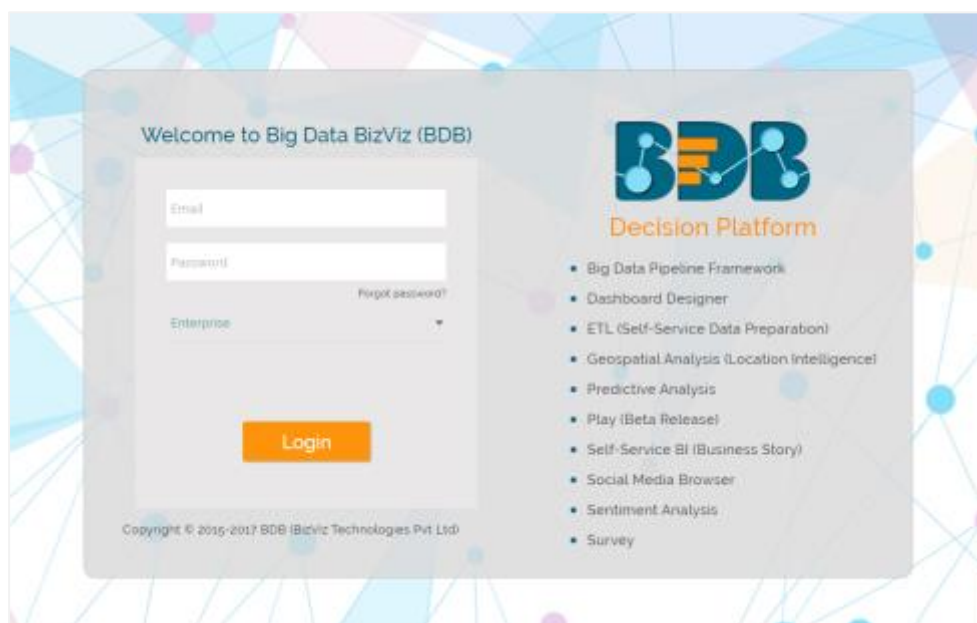
- o Browser that supports HTML5
- o Operating System: Windows 7
- o Basic understanding of the BizViz Server

3. Step-by-Step Process

3.1. Accessing the BDB Platform

This section explains how to access the BizViz Platform and variety of plugins that it offers:

- i) Open BDB Enterprise Platform Link: <http://apps.bdbizviz.com/app/>
- ii) Enter your credentials to log in.
- iii) Click 'Login'




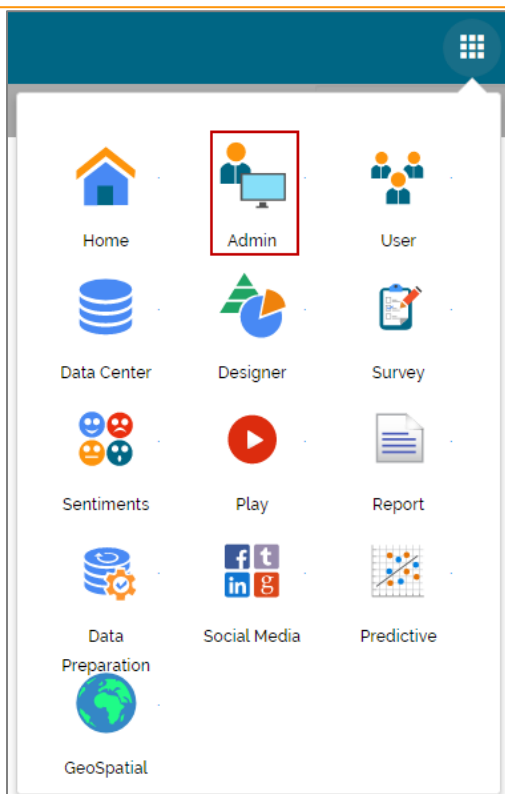
- iv) Users will be redirected to the BDB Platform home page.



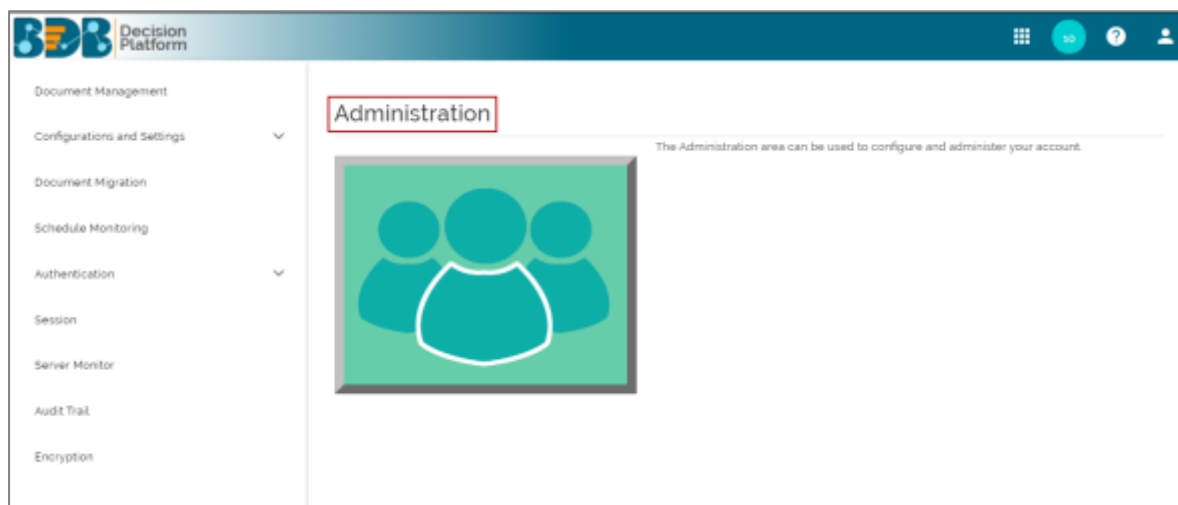
3.2. Accessing the Administration Module

Configuration settings for the various platform plugins are covered under this section.

- i) Navigate to the Platform home page.
- ii) Click 'Apps' menu 
- iii) A menu containing all the plugins will be displayed.
- iv) Select and click the 'Admin' plugin.



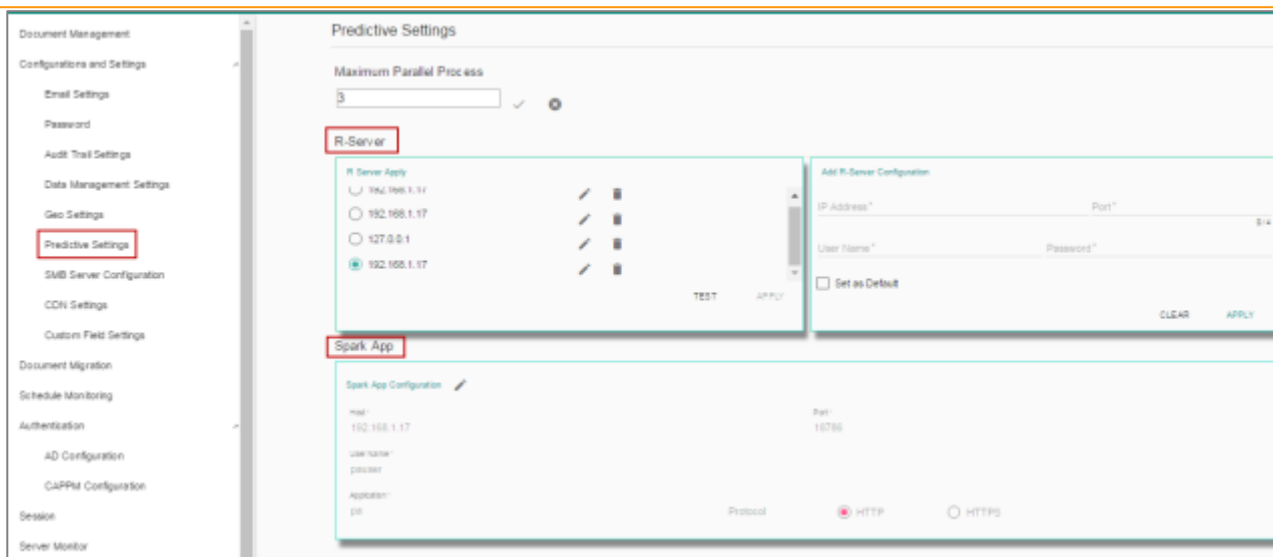
- v) Users will be directed to the ‘Administration’ page.
- vi) Various administration options will be displayed on the left side of the page.




3.3. Predictive Settings

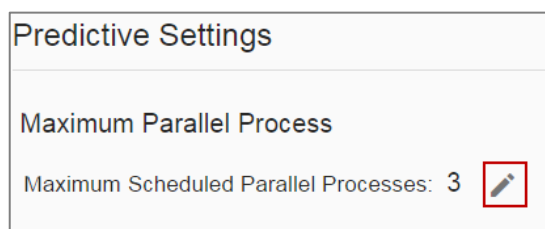
This section explains R-Server Configuration and Predictive Spark App Settings details for the Predictive Analysis plugin of the BDB Platform.

- i) Open ‘Configuration and Settings’ drop-down menu.
- ii) Select the ‘Predictive Settings’ option from the displayed admin options.
- iii) Users will be directed to a window displaying R-Server and Spark App configuration details.

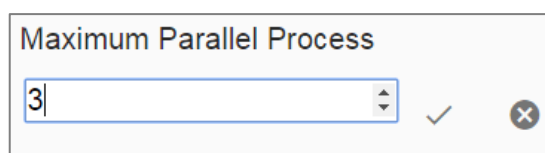


3.3.1. Steps to Schedule Maximum Parallel Process

- i) Navigate to the 'Predictive Settings' page.
- ii) Click the 'Edit' icon  provided to modify the 'Maximum Parallel Process' option.



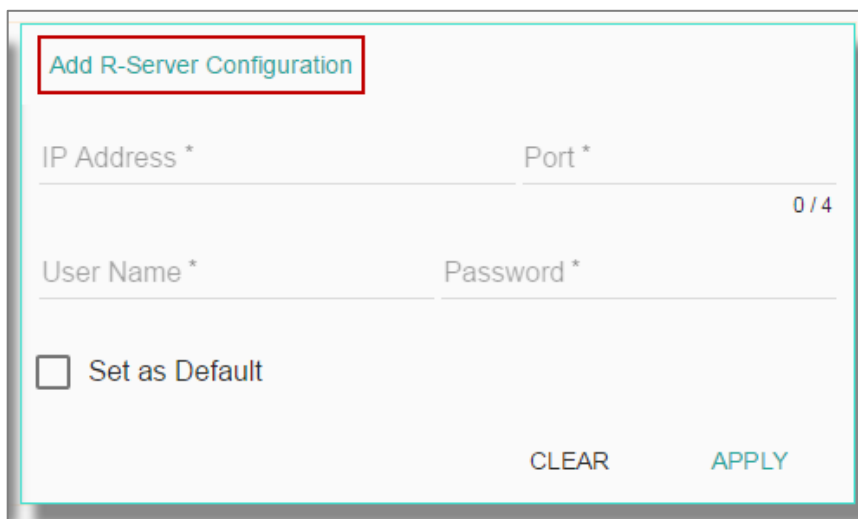
- iii) Set/Reset a number to indicate the maximum scheduled parallel processes.



- iv) Click the 'Check Mark'  to apply the selection.

3.3.2. Steps to Create a New R-Server


- i) Navigate to the 'Predictive Settings' page.
- ii) Select the 'Add R Server Configuration' window.
- iii) Fill in the following information:
 - i. IP Address: IP address of the R-server
 - ii. Port: R-Server's port number
 - iii. User Name: Enter a username to log in to the R- server
 - iv. Password: Enter the password for the above username
 - v. Set as Default: Select this option by using a check mark in the box
- iv) Click 'APPLY' to save the R-server configuration details.

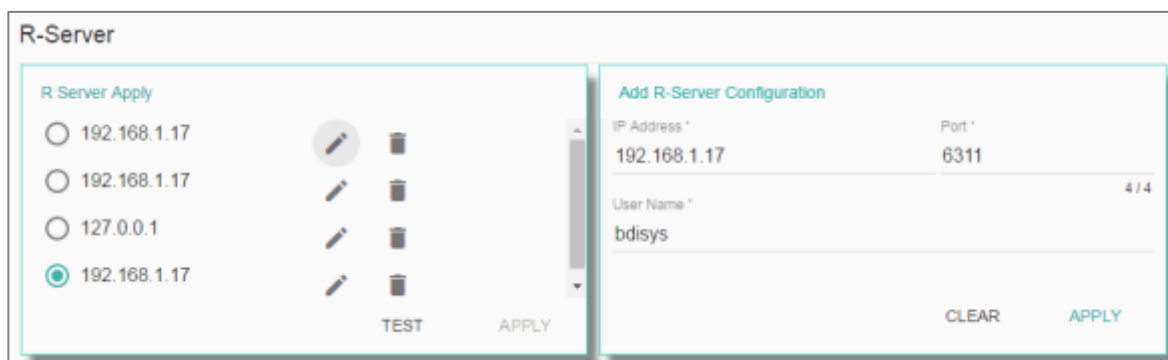


- v) A message will pop-up to ensure that a new R-Server has been created.

Note: The newly created R-Server will be added in the R-Server list displayed under ‘R-Server Apply’ window.

3.3.3. Editing the R-Server Details

- i) Navigate to the ‘R-Server Apply’ window.
- ii) Click the ‘Edit’ icon  provided next to an R Server link.
- iii) Configuration details of the selected R-server will be displayed.
- iv) Edit the required details.
- v) Click ‘APPLY’ to save the changes.



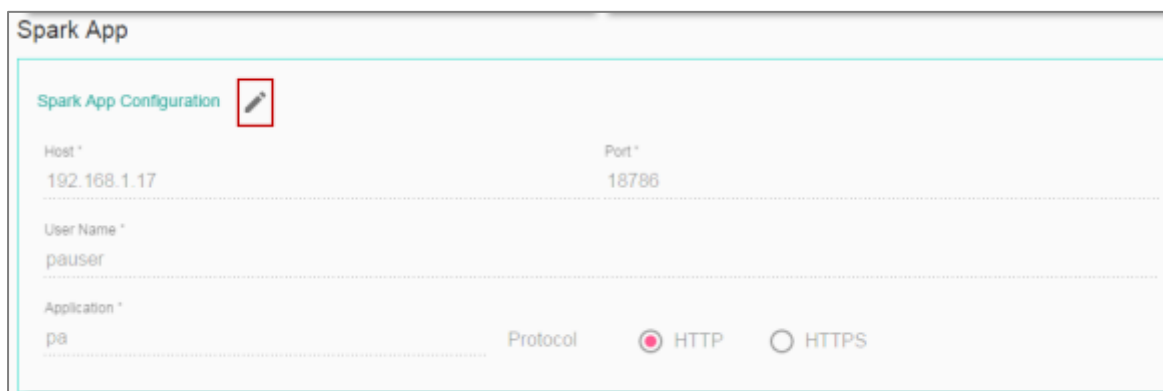
Note:

- a. The Administrator can configure multiple R-Server, but process will execute on single server at a time.
- b. Click ‘CLEAR’ to erase the information from the R-Server Configuration fields.
- c. The admin needs to provide a working directory while configuring the R server and users should be given read and write permission to that directory.


3.3.4. Predictive Spark App Settings

Users can also configure the Predictive Spark Application settings via the Administration module.

- i) Click 'Predictive Settings'.
- ii) The 'Spark App Configuration' fields will be displayed.
- iii) Click the 'Edit' option provided next to the Spark App Settings Configuration fields.



Spark App

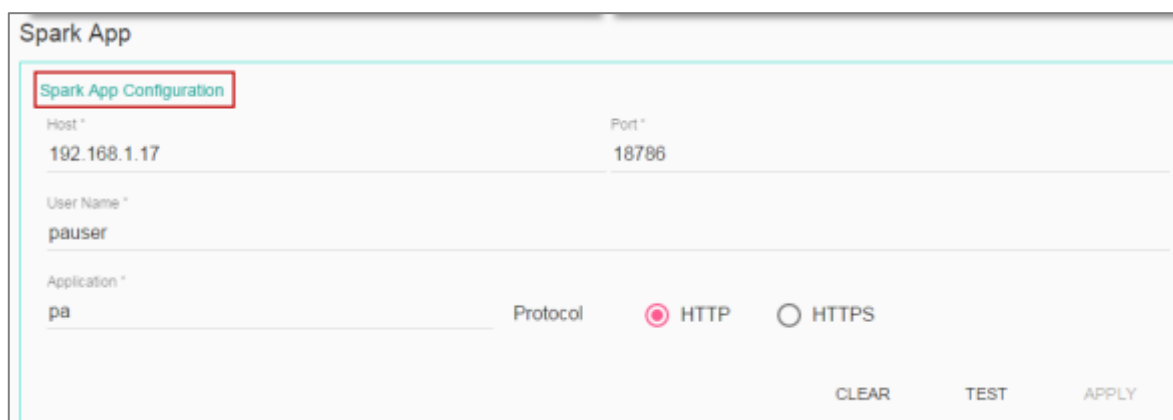
Spark App Configuration 

Host * 192.168.1.17 Port * 18786

User Name * pauser

Application * pa Protocol HTTP HTTPS

- iv) Provide the following information:
 - i. Host
 - ii. Port
 - iii. User Name
 - iv. Application
 - v. Protocol
- v) Click 'TEST' to check the connection.
- vi) A message will pop-up to assure about the connection.
- vii) Click 'APPLY'



Spark App

Spark App Configuration

Host * 192.168.1.17 Port * 18786

User Name * pauser


Application * pa Protocol HTTP HTTPS

CLEAR TEST APPLY

Note: Click 'Clear' to erase the Spark App Configuration details.

4. Signing Out

The following steps describe how to sign out from the BizViz Platform:

- i) Click the 'User' icon  on the Platform home page.
- ii) A menu appears with the logged in user details.
- iii) Click 'Sign Out'
- iv) Users will be successfully logged out from the **BizViz Platform**.

Note: By Clicking the 'Sign Out' option users will be redirected to the 'Login' page of the BizViz platform.