## Accessing the IBM Business Partner Lab

(Instructions for External Business Partners)

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# Prerequisites for completing Technical Validation with IBM PureData System for Analytics (Netezza)

 First, you must join IBM PartnerWorld, if you have not already done so: https://www.ibm.com/partnerworld/wps/servlet/ContentHandler/pw com jnw index

Registration should take only 10-15 min's to complete and you will hear back from PartnerWorld within 1-2 business days of submitting your registration.

- 2. Second, you will need to choose one or more of three validation routes:
  - 2.1. Use our hosted Business Partner network to test and validate your solution:
    - ❖ You will need to sign the "IBM PureData System for Analytics Solution Validation Process Attachment."
    - \* Request the agreement by sending an email with your IBM ID to **pwisv@us.ibm.com** or by communicating directly with a member of the IBM Business Partner alliance team.
    - ❖ You will be notified when the agreement is ready for you to e-sign using your PartnerWorld account (usually in 1-2 business days).
    - You can then proceed to the "How to get a Partner Account" and "How to access the Partner Network" sections of this document for detail instructions.
  - 2.2. Download the Netezza Performance Server emulator to test your solution using a VM player verion in your own lab:

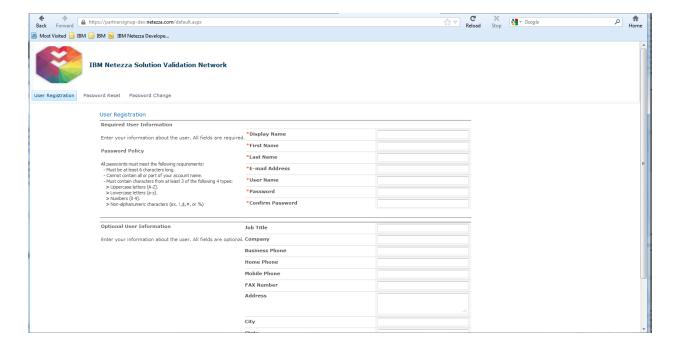
See the "How to join the Netezza Developer's Network (NDN)" and "How to get the Emulator" sections of this document for detail instructions.

- 2.3. Download the Netezza Platform Development Software to test your solution using a VMWare eSXI VM on your eSXI server. See the instructions at:
  - http://www.ibm.com/support/knowledgecenter/SSULQD 7.2.0/com.ibm.nz.npds.doc/t deploy inas.html
  - ♦ <a href="http://www.ibm.com/support/knowledgecenter/SSULQD\_7.2.0/com.ibm.nz.npds.doc/t\_nas\_install.html">http://www.ibm.com/support/knowledgecenter/SSULQD\_7.2.0/com.ibm.nz.npds.doc/t\_nas\_install.html</a>

You need to be an IBM partner to get the Netezza Platform Development Software. Regardless of which server you access you will still need to get the client connectivity kit from the developerWorks site or from IBM FixCentral.

### **How to get a Partner Account**

1. Go to: https://partnerportal.im-ies.ibm.com



Fill out all the information and click the **Register** button.

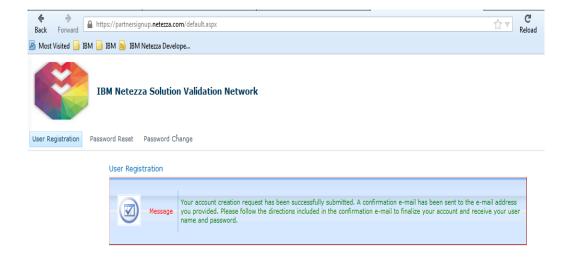
If you get an invalid email address message, your company's access to the partner lab has not been activated. Please send an email to <a href="mailto:askbpe@us.ibm.com">askbpe@us.ibm.com</a> letting us know your company has not been activated.

2. You will receive an email with a link to validate your registration request:



Click on the link and ensure the screen you see says "Successful registration".

If you get an error please copy and paste a screen shot into an email and send to <a href="mailto:askbpe@us.ibm.com">askbpe@us.ibm.com</a> so we can help address the issue.



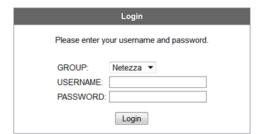
3. Once confirmed, you will receive a confirmation email with your login, password and access instructions. This email will come within an hour of your successful registration, if it does not show up please email <a href="mailto:askbpe@us.ibm.com">askbpe@us.ibm.com</a> with the email address you used to register the account and we will resend the connection instructions. Below is the top of the welcome email containing the login and password as well as access instructions.

Your account request has been approved. Account Name = newlogin Password = Upassw0rd!.

#### Accessing Pure Data For Analytics powered by Netezza Host

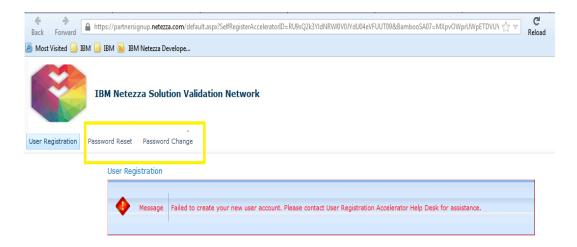
- 1. Point your browser to: https://nziesreg.im-ies.ibm.com
- 2. Login using your name and password provided above in this message.





4. IBM Security policies require passwords be expired if not changed every 90 days. So if you have not changed your password and you cannot connect please try changing or resetting your password. If you make multiple failed attempts to login your account will be locked changing or resetting the password will unlock the account. Changing or resetting the account password is typically faster than emailing askbpe@us.ibm.com.

You can reset or change your password using the <a href="https://partnerportal.im-ies.ibm.com">https://partnerportal.im-ies.ibm.com</a> page:



#### How to access the Partner Network

#### **OVERVIEW**

The Partner Systems and Support VMs are accessible via the **sccvpn** network. Since this is a customer facing and Partner accessible environment, it has been placed behind a VPN. To access this network, you will need:

- 1. A valid Netezza IES Domain account, with either IBM support or IBM partner privileges.
- 2. Cisco VPN Client

#### **QUICK GUIDE**

- 1. Launch the Cisco VPN Client
  - 1.1. WINDOWS

The Cisco client does not come pre-installed on the IBM Windows image. Please follow the steps below to download the client.

Once installed, the client can be found at:

Start > All Programs > Cisco > Cisco AnyConnect Secure Mobility Client > Cisco AnyConnect Secure Mobility Client

#### 1.2. OPEN CLIENT LINUX

The Cisco client comes pre-installed on your IBM Open Client.

It is located in: Applications > Internet > Cisco AnyConnect Secure Mobility Client

#### 1.3. **MAC**

You may already be using this client to connect to the IBM VPN. If not, please follow the steps below to download the client.

The client will be located in your **Applications** folder.

#### 1.4. LINUX (NON-OPEN CLIENT)

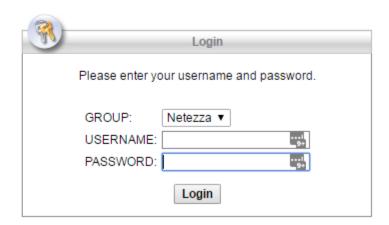
Please follow the steps below to download the client.

#### DOWNLOADING AND INSTALLING THE CISCO VPN CLIENT

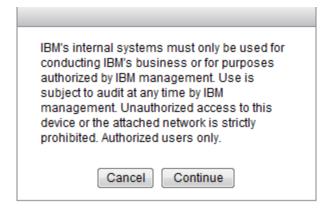
- 1. Open your browser and go to <a href="https://sccvpn.im-ies.ibm.com">https://sccvpn.im-ies.ibm.com</a>
- 2. Log in using your Netezza IES Domain credentials:



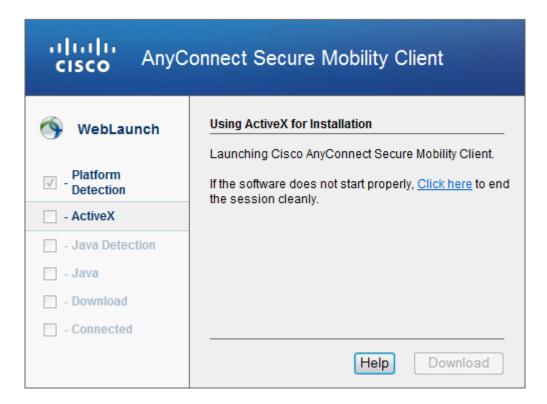
**SSL VPN Service** 



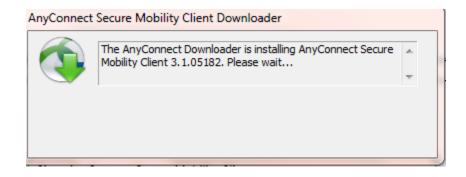
3. Accept the IBM Business Use agreement. (Make sure to allow all sscvpn access, if prompted.)

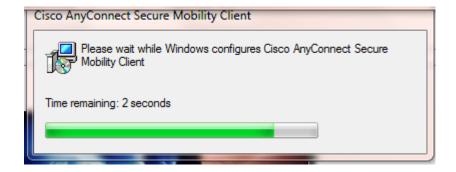


\*\*\* At this point, if Java is already installed, the client will download and install automatically.\*\*\*

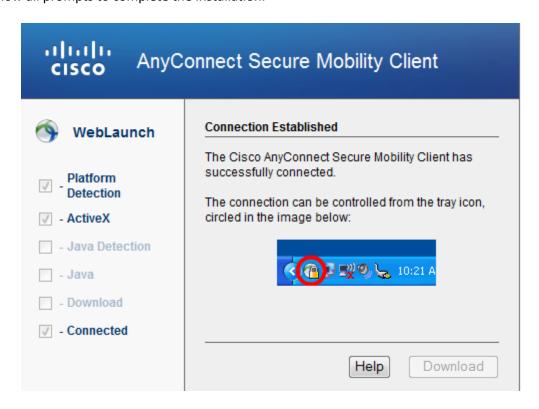


4. Download and installation windows will pop-up:





- 5. If not, click the link to download the installer and then click, **Save File**.
- 6. Browse to the download location and run the installer.
- 7. Follow all prompts to complete the installation.



#### **CONNECT TO THE IES VPN**

- 1. Launch Cisco AnyConnect Secure Mobility Client
- 2. Enter **sccvpn.im-ies.ibm.com** in the box and click Connect.



- 3. Log in with your Netezza IES Domain credentials, provided in the welcome email.
- 4. Accept the IBM Business Use agreement and you will see confirmation once connected:



5. For questions email: askbpe@us.ibm.com

The appliances support both ssh and xDBC connections. You can use either IP or DNS to connect to the appliance or database. See your welcome email for connection details. If you have limited time we recommend you use the 7.x multiple schema release.

Release	IP	DNS
6.0.x ignore schema	10.50.88.45	nps6.lnxies.lenexa.ibm.com NZ80657
7.0.x ingore schema	10.50.88.39	nps70ss.lnxies.lenexa.ibm.com NZ81375
7.1.x multiple schema	10.50.88.98	nps71ms.lnxies.lenexa.ibm.com NZ81319
7.2.x multiple schema	10.50.88.25	nps72ms.lnxies.lenexa.ibm.com NZ35041

### **Software only solutions**

IBM Pure Data for Analytics appliance is available to partners in two configurations that use partner provided hardware. These versions make use of virtual machines and have the full functionality of the appliance, but do not have all the hardware.

The offerings are the "Emulator" VM set available at IBM developerWorks and the IBM "Netezza Platform Development Software".

The Netezza Platform Development Software is a set of VMWare images for installation on a partner owned eSXI VMWare instances. The Netezza Platform Development Software is available at the below two links.

http://www.ibm.com/support/knowledgecenter/SSULQD\_7.2.0/com.ibm.nz.npds.doc/t\_deploy\_inas.html http://www.ibm.com/support/knowledgecenter/SSULQD\_7.2.0/com.ibm.nz.npds.doc/t\_nas\_install.html

An unsupported release of the client software is also on developerWorks with the Netezza Emulator describe in the next section.

#### How to join the Netezza Developer Network (NDN)

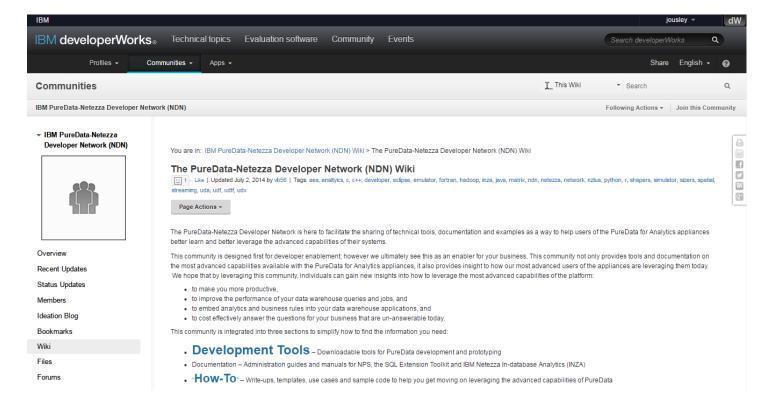
- 1. To join NDN, you first need to be a member of developerWorks (DW). To join DW, you need an IBM ID To join DW and/or get an IBM ID, go to:
  - 1.1. http://www.ibm.com/developerworks
  - 1.2. In the upper right corner of the page, click on Sign in (or register) and the following screen will appear



- 1.3. On the above screen you can either sign in to DW, if you already have an IBM ID, or you can request an IBM ID.
- 1.4. If you request one, once you have it, return to the above page to sign in to DW
- After signing into developerWorks with your id go to the NDN site at
   https://www.ibm.com/developerworks/community/wikis/home?lang=en#!/wiki/W4c715f465f89\_464f\_9fd

   b1d36a3c54f8/page/The%20PureData-Netezza%20Developer%20Network%20(NDN)%20Wiki

Or search for PUREDATA-NETEZZA.



3. Once you are in the NDN community join the community by clicking on "join this community" link on the right side of the page, this will allow you to easily navigate to the community by clicking on "communities I'm a member of" under the communities tab for your developerWorks account.

#### How to obtain the Emulator

- 1. The Netezza Emulator resides on NDN
  - 1.1. Login to DW and access the NDN vi the My Groups tab
- 2. Once in, you'll see the Overview page, which contains a link to the Emulator



3. Click on the IBM Netezza Software Emulator for Developers link

IBM Netezza Software Emulator - for Developers (Windows or Mac OS versions)

Or

https://www14.software.ibm.com/webapp/iwm/web/reg/pick.do?source=swg-im-ibmndn&lang=en\_US

#### How to obtain IBM Netezza NPS Software or IBM Netezza Applications

Information on how to get the client software from Fix Central is described below for recent releases 7.2 and later we have provided the client software on the NDN site along with the emulator package.

An unsupported release of the client software is also on developerWorks with the Netezza Emulator. For Netezza specific software, you can download, among others:

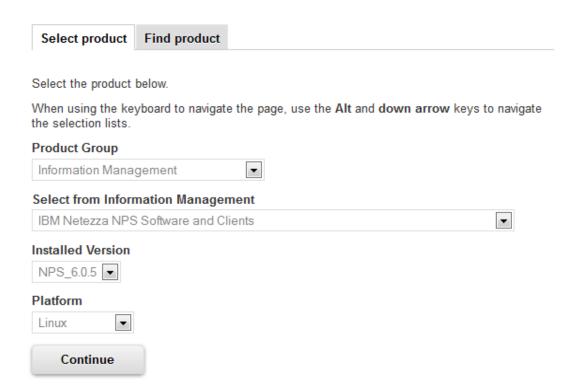
- ODBC/JDBC drivers
- NPS Software (the emulator)
- Documentation
- ❖ IBM Netezza Analytics packages.
- Client Tools
- Admin Tools

#### Log in to Fix Central:

http://www-933.ibm.com/support/fixcentral

Once there and you have logged in:

- 1. On the Select Product tab, under the Product Group heading, select Information Management
  - 1.1. If you want NPS related software, under the **Select from Information Management** heading, select **IBM**Netezza NPS Software and Clients
    - 1.1.1.Under the **Installed Version** heading, choose the NPS Version you need software or documentation for
    - 1.1.2. Under the **Platform** heading, choose the appropriate platform
    - 1.1.3. Click the Continue button



1.1.4. After clicking the Continue button, you'll come to an **Identify Fixes** page

Identify fixes
Information Management, IBM Netezza NPS Software and Clients (NPS\_6.0.5, Linux)

Identify fixes	
Search for fixes for your specific pr	roduct, type, and platform or search for a fix by ID.
<ul><li>Browse for fixes</li></ul>	Browse for all fixes for your specific product, release, and platform.
APAR or SPR	Search for fixes by entering one or more APAR or SPR numbers each separated by a comma. (e.g. PK10998).
Individual fix IDs	Search for updates by entering one or more fix IDs each separated by a comma. (e.g., ibm_fw_aacraid_8kl-5.2.0-15411_linux_32-64).
Text	Search for fixes containing all the entered key words, such as problem area, exception, or message ID, in any order.
Additional query options	
Do not show fixes that change	e my installed version (NPS_6.0.5)
Continue	Back

- 1.1.5. Select Browse for Fixes and click Continue
- 1.1.6.From here, select your fix and click **Continue**

Select fixes
Information Management, IBM Netezza NPS Software and Clients (NPS\_6.0.5, Linux)

Download options	
Download method: HTTP	Change download options
· Include requisites: Yes	
Select fixes	
The following results match your request. Select the fixes you want to download.	→ Share this download list
To try a different query, go to the <u>Identify fixes</u> page.	
Continue Clear selections	Show fix details   Hide fix details
1-8 of 8 results	
1. • fix pack: 6.0.5.11-IM-Netezza-NPS-fp15815 → 6.0.5.11-IM-Netezza-NPS-fp15815	Sep 28, 2012
2. • fix pack: 6.0.5.10-IM-Netezza-NPS-fp14625 → 6.0.5.10-IM-Netezza-NPS-fp14625	Aug 23, 2012
3. ● fix pack: 6.0.5.9-IM-Netezza-NPS-fp15287 → 6.0.5.9-IM-Netezza-NPS-fp15287	Aug 15, 2012
4. ● fix pack: 6.0.5.0-2-IM-Netezza-NPS-fp15648 → Replication Beta Files	Aug 2, 2012
5. ● fix pack: 6.0.5.8-IM-Netezza-NPS-fp15389 → 6.0.5.8-IM-Netezza-NPS-fp15389	Jun 28, 2012
6. ●* fix pack: 6.0.5.7-IM-Netezza-NPS-fp14234 → NPS Host and Clients 6.0.5 P7	Jun 14, 2012
7. ** fix pack: 6.0.5.6-IM-Netezza-NPS-fp14763 ** 6.0.5.6-IM-Netezza-NPS-fp14763	May 3, 2012
8. ** fix pack: 6.0.5.5-IM-Netezza-NPS-fp21415 ** 6.0.5.5-IM-Netezza-NPS-fp21415	Apr 1, 2012
1-8 of 8 results	
Continue Clear selections Back	Show fix details   Hide fix details

### 1.1.7. Then select the exact files you want to download

## **Download files using HTTP**

Information Management, IBM Netezza NPS Software and Clients (NPS 6.0.5, Linux)

Download files using your	web browser	
Click the download link next to	each file to download it.	ı
Order number:	59503377	-
Total size:	1.83 GB	l

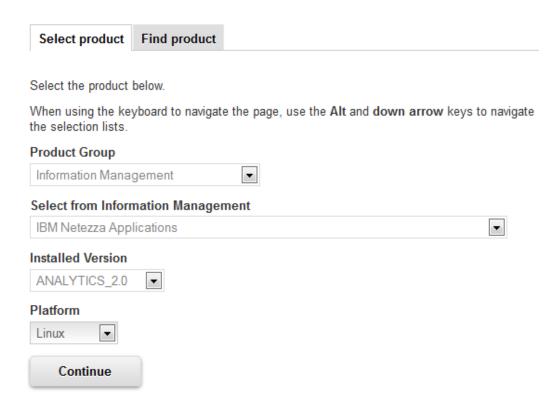
#### fix pack: 6.0.5.10-IM-Netezza-NPS-fp14625

6.0.5.10-IM-Netezza-NPS-fp14625

The following files implement this fix.

- **±** nz-nps-v6.0.5.p10.tar.gz (577.81 MB)

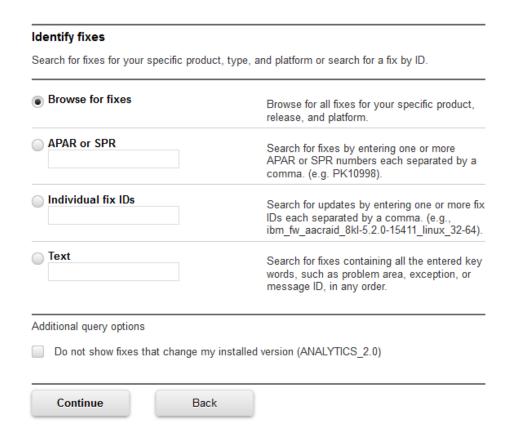
- **±** nz-solclient-v6.0.5.p10.tar.Z (189.67 MB)
- **±** nz-winclient-v6.0.5.p10.zip (466.4 MB)
- **±** nz-npsdoc-v6.0.5.p10.tar.gz (25.61 MB)
- **±** README.6.0.5P10 (13.77 KB)
- **±** contents.txt (1.3 KB)
- 1.1.8. The nps software is located in the nz-nps-vX.Y.Z.pA.tar.gz file
- 1.1.9. The docs are located in the nz-npsdoc-vX.Y.Z.pA.tar.gz file
- 1.1.10. ODBC/JDBC drivers, client & admin tools are in the nz-platformclient-vX.Y.Z.pA.tar.Z file
- 1.2. If you want IBM Netezza Analytics related software or the SQL Extensions Toolkit, under the **Select from Information Management** heading, select **IBM Netezza Applications** 
  - 1.2.1.Under the Installed Version heading, choose the INZA version or Toolkit version you need software or documentation for
  - 1.2.2. Under the **Platform** heading, choose **Linux**. It's the only choice.
  - 1.2.3.Click the Continue button



1.2.4. After clicking the Continue button, you'll come to an Identify Fixes page

### Identify fixes

Information Management, IBM Netezza Applications (ANALYTICS\_2.0, Linux)

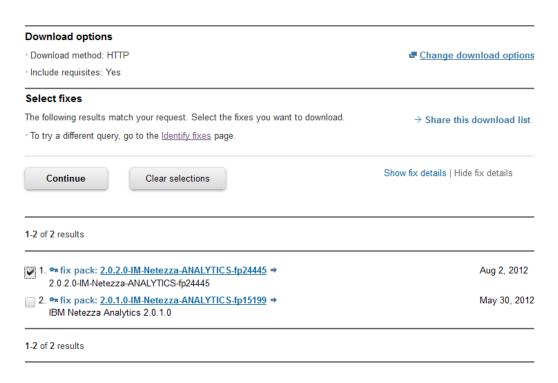


#### 1.2.5. Select Browse for Fixes and click Continue

1.2.6. From here, select your fix and click Continue

#### Select fixes

Information Management, IBM Netezza Applications (ANALYTICS\_2.0, Linux)



1.2.7. Then select the exact files you want to download

## Download files using HTTP Information Management, IBM Netezza Applications (ANALYTICS\_2.0, Linux)

Click the download link next to	each file to download it.	
Order number:	59504290	
Total size:	654.77 MB	
fix pack: 2.0.2.0-IM-Netezz	a-ANALYTICS-fp24445	
2.0.2.0-IM-Netezza-ANALYTICS	-fp24445	
The following files implement thi	s fix.	
■ IBM_Netezza_Analytics_Adr	ninistrators_Guide.pdf (440.29 KB)	
■ IBM_Netezza_Analytics_Rel	ease_Notes.pdf (304.92 KB)	
■ nz-analyticsdochtml-v2.0.2.zi	p (10.61 MB)	
	1.61 MB)	
	Ro MB)	

- 1.2.8. The INZA software is contained in the nz-analytics-vX.Y.Z.zip file.
- 1.2.9. The documents are in the nz-analyticsdoc-vX.Y.Z.zip file

## How to obtain IBM BigInsights, Streams, or DB2 Software as well as other IBM Software Products for testing

- 1. IBM InfoSphere BigInsights is available in three editions:
  - Quick Start Edition
  - Standard Edition
  - Enterprise Edition

#### 1. BigInsights Quick Start Edition:

This is a no-charge, non-production downloadable version that contains the features of Enterprise Edition with the exception of not providing high availability, General Parallel File System (GPFS), software bundles, and accelerators. Tutorials and videos are available for education.

#### 2. BigInsights Standard Edition:

This lower-priced edition is designed for organizations that are looking to get started with the core Hadoop components. It comes with Big SQL and BigSheets, two key features that sets BigInsights Standard Edition apart from other current Hadoop distributions, along with development tools, a management console, and cluster management tools.

#### 3. **BigInsights Enterprise Edition:**

This edition comes with the enterprise features that enable all roles within an organization to collaboratively leverage Hadoop and big data. It delivers all of the BigInsights Standard Edition features plus search and data exploration capabilities. It includes limited use licenses to IBM InfoSphere Streams, IBM Watson Explorer, and IBM Cognos bundles, the enterprise grade General Parallel File System File Placement Optimizer (GPFS-FPO) file system option, Adaptive MapReduce, and deep text analytics capabilities that enable the extraction of insights and knowledge from unstructured text stored in Hadoop. This proven technology can then be leveraged by the included Machine Data Analytics and Social Data Analytics capabilities of the BigInsights Enterprise Edition.

- 2. For initial certification purposes, you may download **BigInsights Quick Start Edition** to your lab or access a VMWare version to complete testing/validation with your Software.
  - Download BigInsights Quick Start Editions (free) to your lab: http://www.ibm.com/software/data/infosphere/biginsights/quick-start/index.html
- 3. Testing with GPFS is encouraged as a follow-on certification step with BigInsights. To access GPFS and other additional functions that come with the Enterprise Edition, you may purchase an IBM Value Package that entitles a partner to download BigInsights Enterprise Edition along with a wide range of other IBM Software Products. You may either purchase the complete Value Package which includes IBM service and support, or the SW Only Option, which grants you access to IBM Software Products:

http://www.ibm.com/partnerworld/wps/servlet/ContentHandler/pw\_com\_vpo\_index

4. For **DB2 certification support** including **DB2 with Blu Acceleration**, please see the DB2 developerWorks portal in the link below for steps on how to get started and who to contact:

https://www.ibm.com/developerworks/data/roadmaps/roadmap\_db2.html

#### STILL NEED HELP?

Please send contact us: <a href="mailto:askbpe@us.ibm.com">askbpe@us.ibm.com</a>