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Juniper Access – Windows

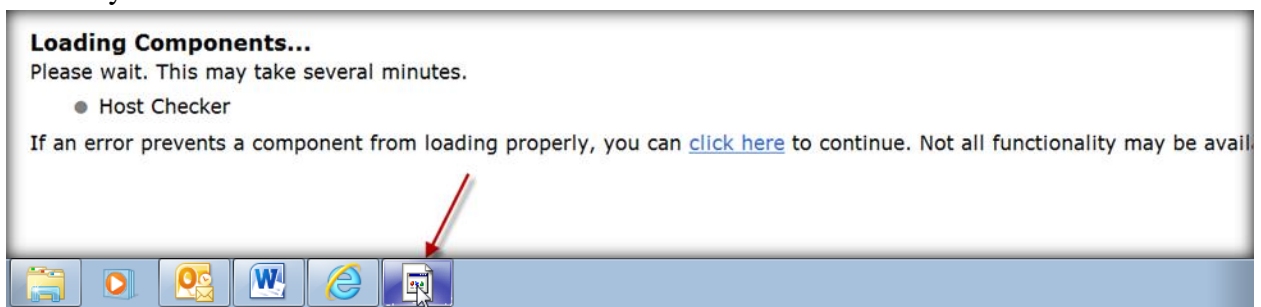
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The Department of Information Technology has put in place an updated, secure virtual private network (VPN) system that allows BCPS employees to access several approved BCPS online applications from home. During the login to the VPN system a couple small files may be automatically downloaded to your computer to help ensure the security of BCPS systems. Juniper can be accessed (using Windows XP/2000, Windows Vista, Windows 7 or Windows 8) using a new single URL indicated below:

- Windows – <https://vpn.bcps.org>
- Juniper can also be accessed using Macintosh, iPad (through app) and iPhone (through app) – please refer to the respective instructions below

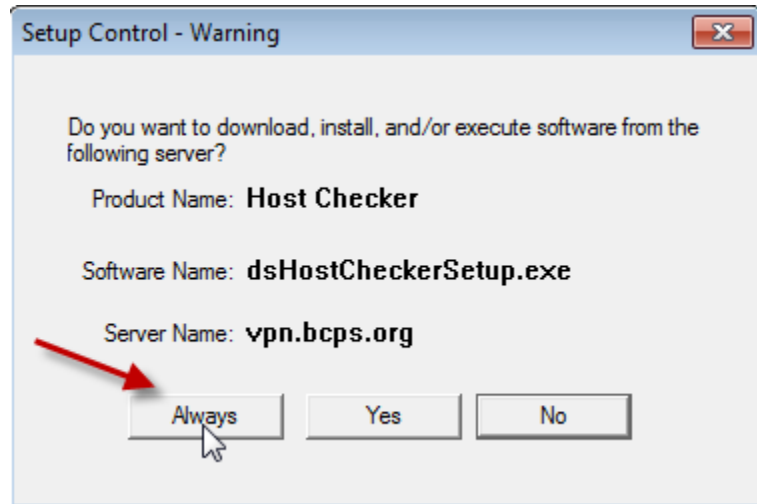
Note: Most of the screenshots in this document are from a computer running Windows 7. The look of each window may differ slightly from operating system to operating system and based on the first access and the programs already installed.

1. Launch your web browser and go to the URL above.
2. You may see a screen like below

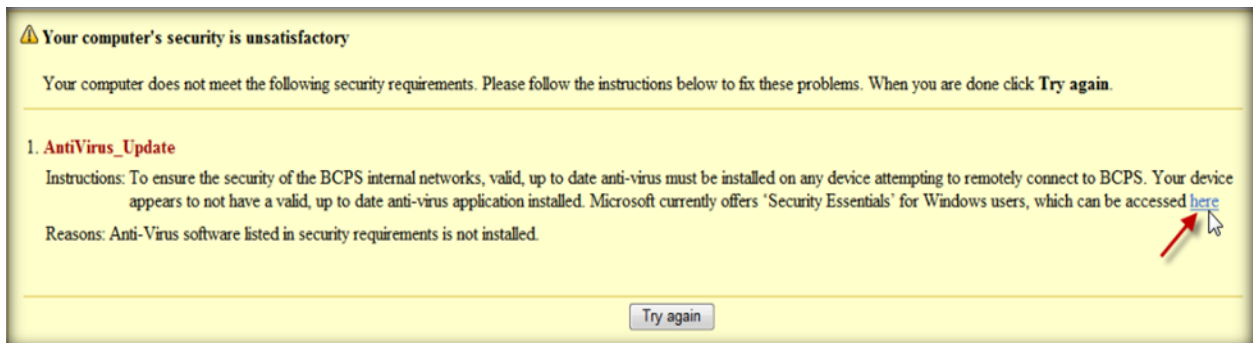


3. Click **Always** to download/install the **Host Checker** Program.

NOTE: When a window pops up like the ones shown it may be automatically minimized to the task bar at the bottom of the screen. Look for a flashing icon at the bottom of the screen if it appears your screen has frozen or one of the screen shots shown in this document do not appear. Click the flashing icon to bring up the missing window.



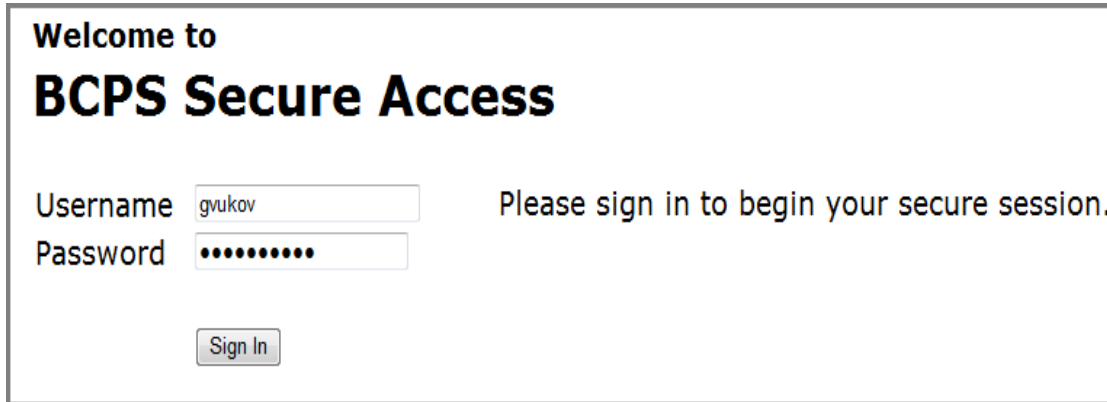
4. You may see a screen like below, when Anti-Virus is not installed on your computer. Please click on the link as shown, which will redirect you to Microsoft's website and select the appropriate link as applicable based on system operating system you have, i.e. 32 bit or 64 bit.



Note – To check the system type

- a) Open the Start Menu.
- b) Right click on the **Computer** button, click on **Properties** and look for system type

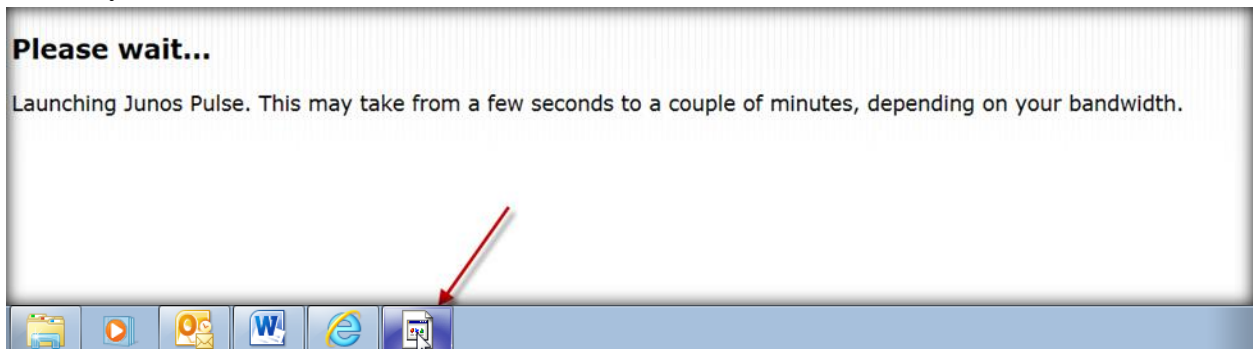
5. Log in the system using your BCPS user name and password.



Welcome to
BCPS Secure Access

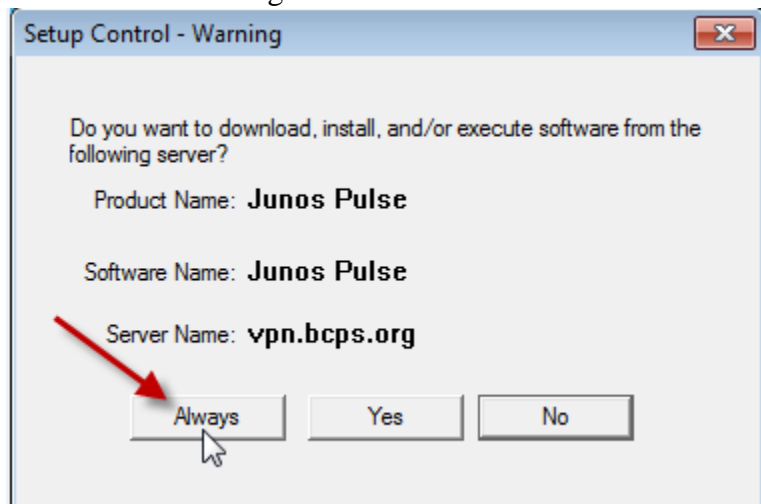
Username Please sign in to begin your secure session.
Password

6. You may see a screen like below

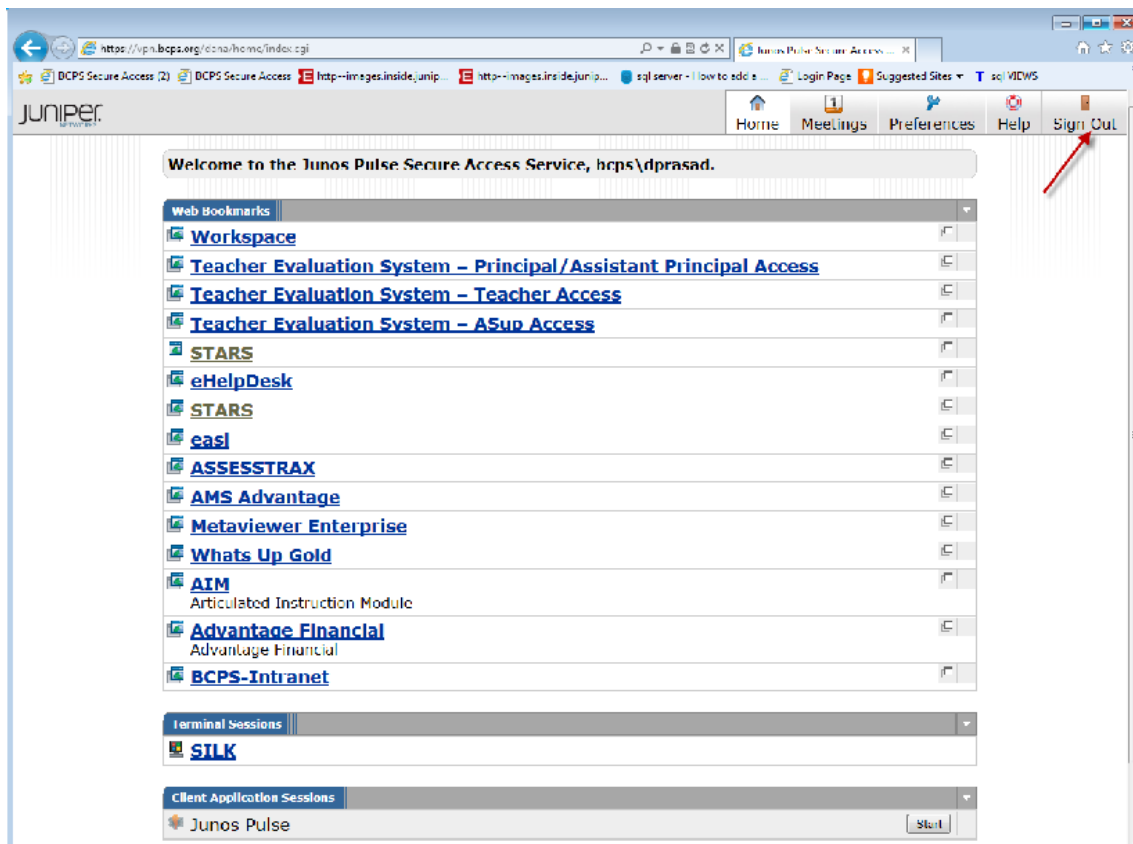


7. Click **Always** to download/install the **Junos Pulse** Program.

NOTE: When a window pops up like the ones shown it may be automatically minimized to the task bar at the bottom of the screen. Look for a flashing icon at the bottom of the screen if it appears your screen has frozen or one of the screen shots shown in this document do not appear. Click the flashing icon to bring up the missing window.

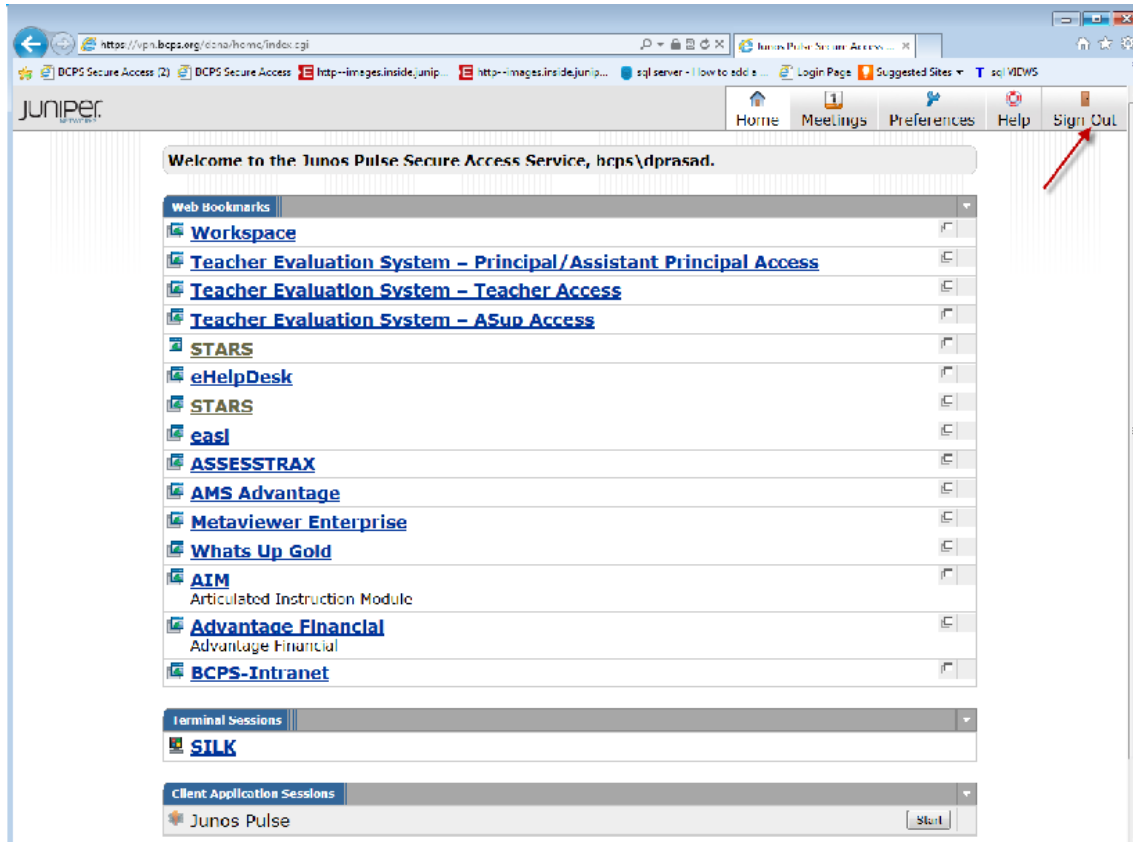


- The **BCPS Secure** Access page will appear. Click on the link for the program that you want to access and the list you see may differ from the one below.



- When one of the application links is clicked a new window will open. Leave the BCPS Secure Access page open. The application selected will function as if you were in a BCPS building running the same application from inside the network.

10. When finished with the application click the **Sign Out** icon on the BCPS Secure Access page.



11. Close the internet browser to completely log off.

NOTE: When logging in on the same computer after the first time, some of the above screens may not show again. This does not indicate a problem with the connection and/or computer.



Juniper Access – Macintosh

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Directions below document how to access the Juniper system.

- Macintosh – <https://vpn.bcps.org>
- Juniper can be accessed using Windows, iPad and iPhone (refer to the respective instructions)

Supported Browsers and Java Environment

Safari 6.0
Safari 5.1
Oracle JRE 7

Note: Most of the screenshots in this document are from a MacBook Pro. The contents of the windows are all the same. The order in which the screens are populated differ based on the first access and the programs already installed. Also the request to verify the certificate and allow the applets differ based on the environment.

1. Launch your web browser and go to the URL above.
2. You may see **either ONE** of the screens below

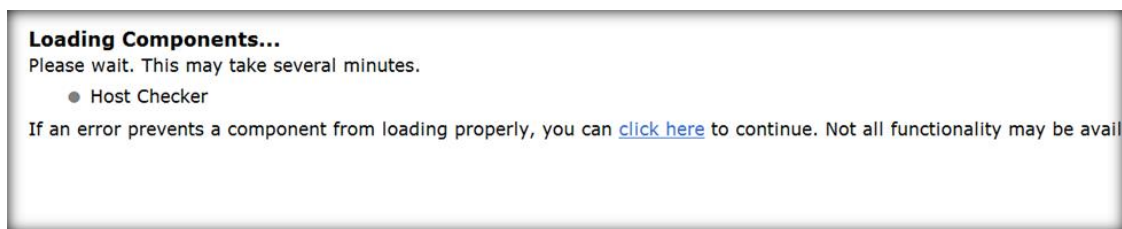


Figure 1

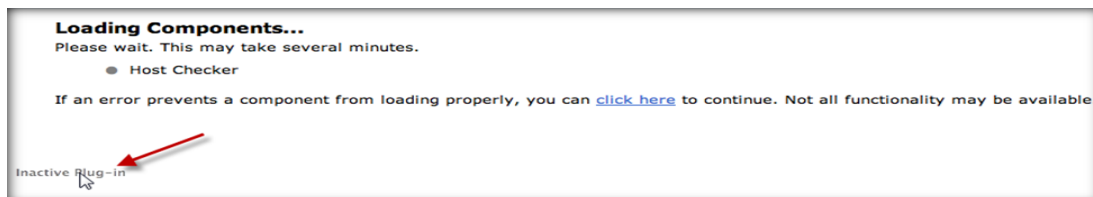
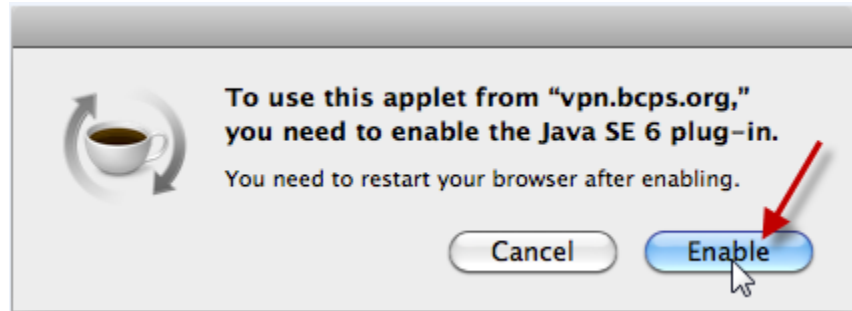


Figure 2

NOTE: When a window pops up like the ones shown in Fig2, your screen could possibly be frozen - Click the **Inactive Plug-in** link to try and clear the condition.

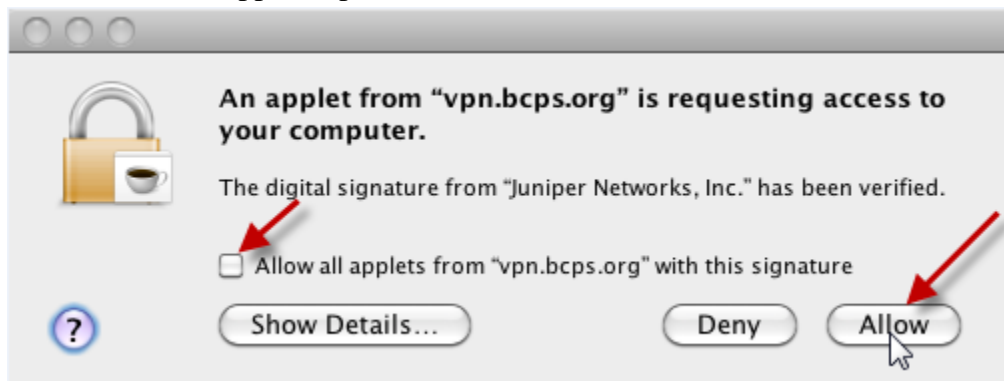
If you see a screen like below click Enable to enable the plug-in, restart your browser and go to the same URL above, <https://vpn.bcps.org>, and should see the screen in Fig 1 above.



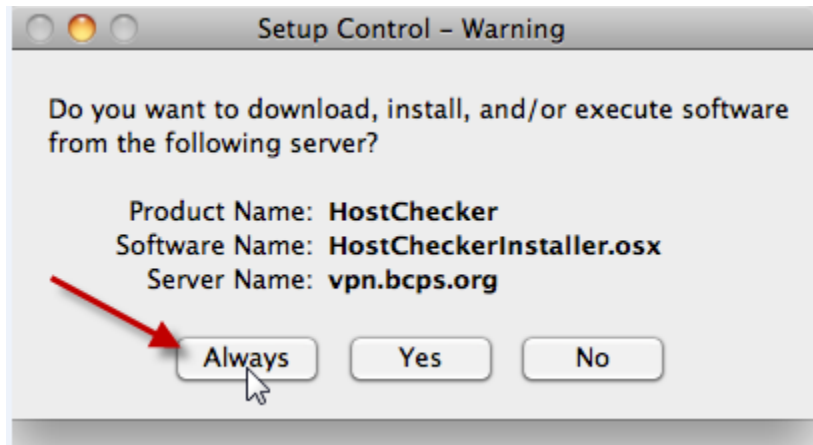
3. Click **Trust** to accept the certificate



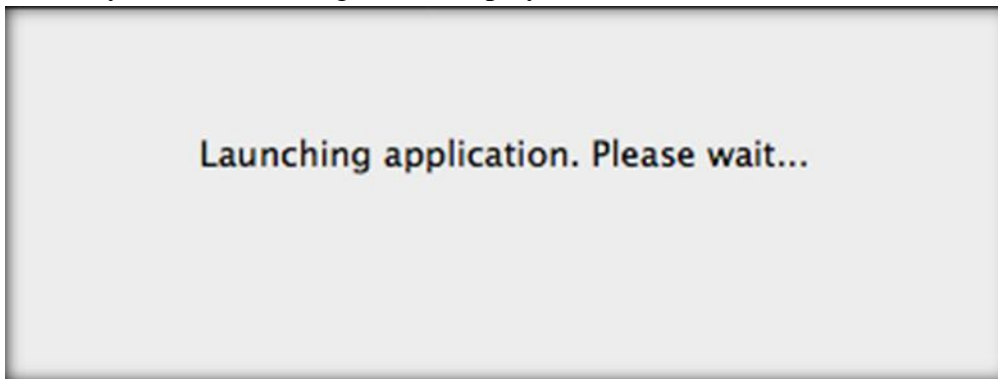
4. Check Allow all applets option and then Click Allow



5. Click **Always** to download/install the **Host Checker** Program



6. You may see the following screen displayed



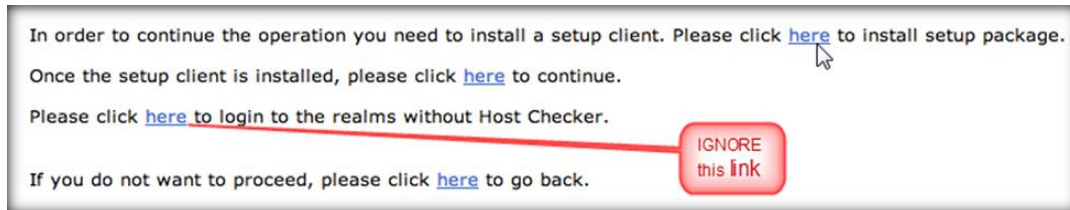
7. Log in the system using your BCPS user name and password.



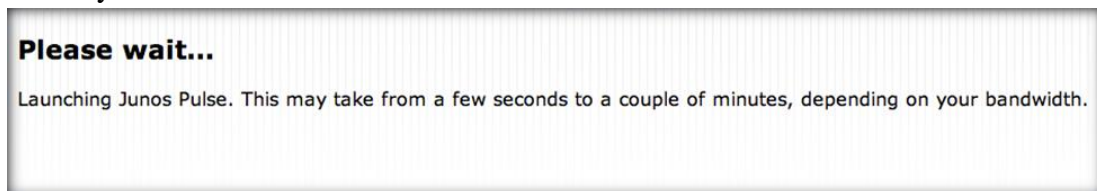
8. Click **Trust** to accept the certificate



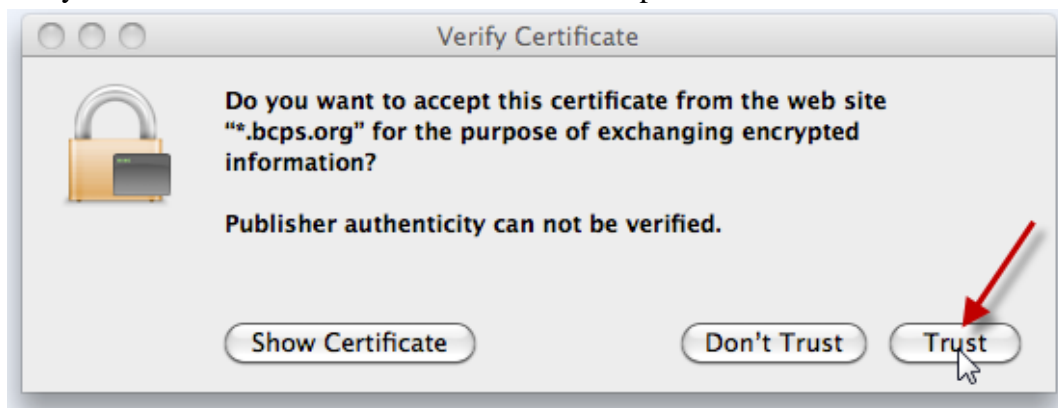
9. You may see a screen like below. Please follow the instructions.



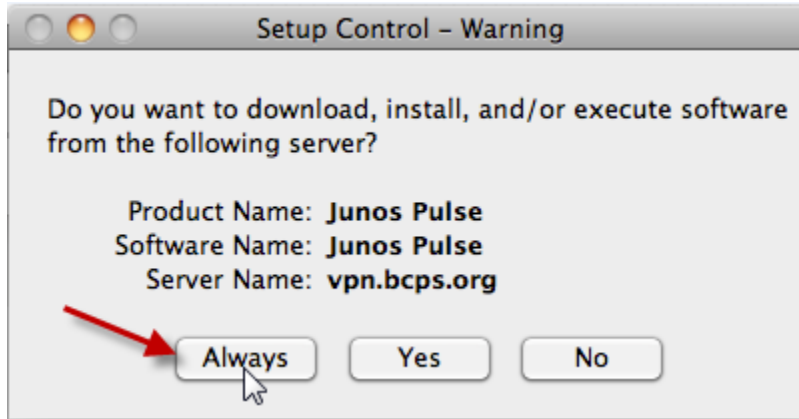
10. You may see a screen like below



11. You may see a screen like below. Click **Trust** to accept the certificate



12. Click **Always** to download/install the **Junos Pulse** Program.



13. The **BCPS Secure** Access page will appear. Click on the link for the program that you want to access and the list you see may differ from the one below.

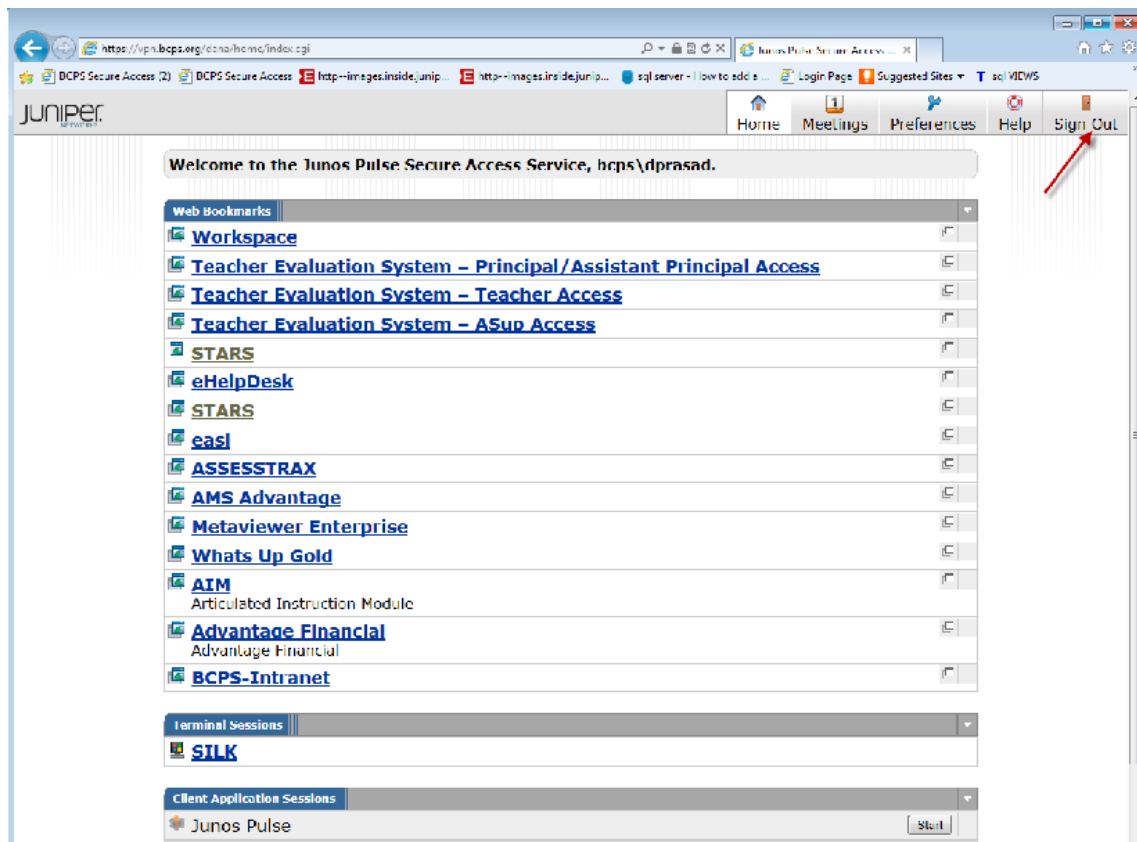
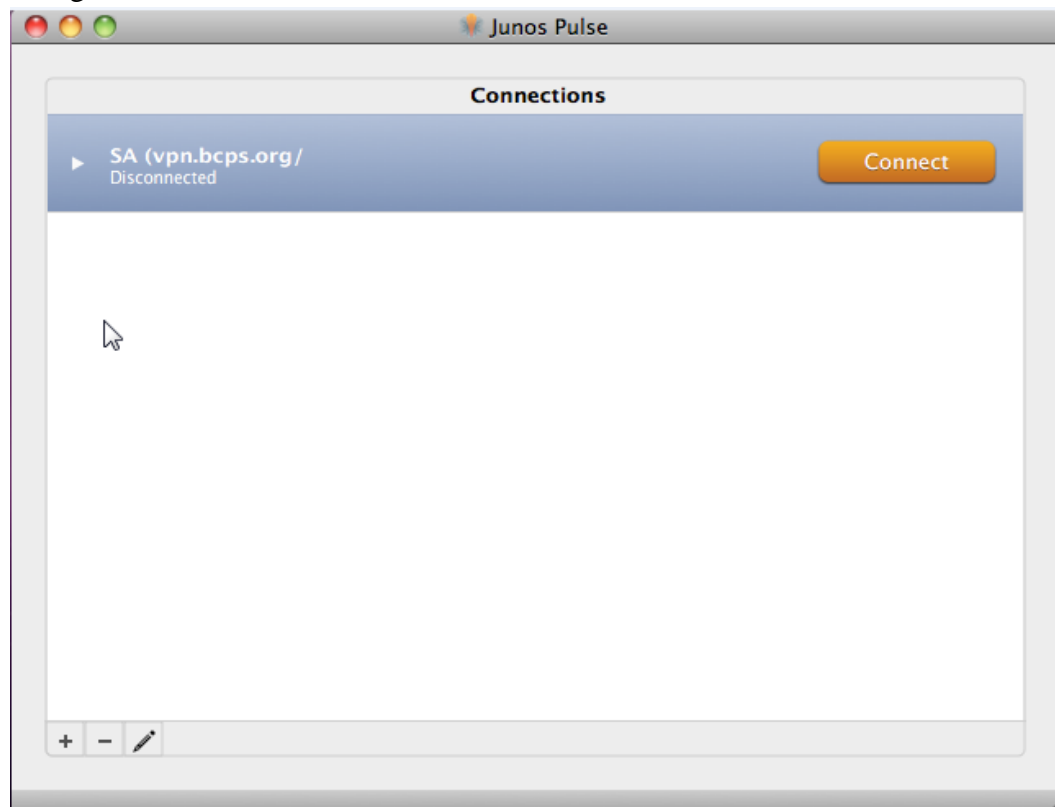


Figure 3 Windows Screen Shot Shown - Mac Screen is Similar

14. When one of the application links is clicked a new window will open. Leave the BCPS Secure Access page open. The application selected will function as if you were in a BCPS building running the same application from inside the network.
15. When a window like the one shown below pops up, close the Junos Pulse window below to logout



Juniper Access – iPhone/iPad

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Pulse Mobile client version 4.2 supported Mobile platforms:

iOS (iPhone , iPad,) 5.1.1, 6.0, and 7.0

Note: Most of the screenshots in this document are from iPhone 4S and Junos pulse 4.2. The contents of the windows are all the same. The look of each window may differ slightly from one version to another and based on the first access and the programs already installed and also based on the version of Junos pulse.

Junos Pulse Installation for iPhone/iPad

The Junos Pulse Secure Mobility Client for Apple iOS is installed from the iTunes App Store like any other iOS application.

1. Open the App store
2. Select Search
3. In the Search Box, enter Junos pulse and select Go
4. Select the Junos Pulse application
5. Select the Free box
6. Select Install
7. Once the Junos Pulse client is downloaded, open the application and select configuration

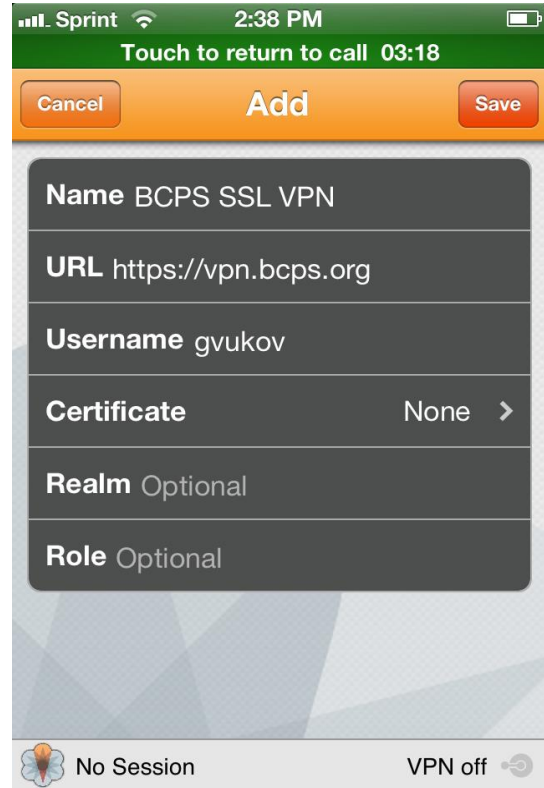


iPhone screen

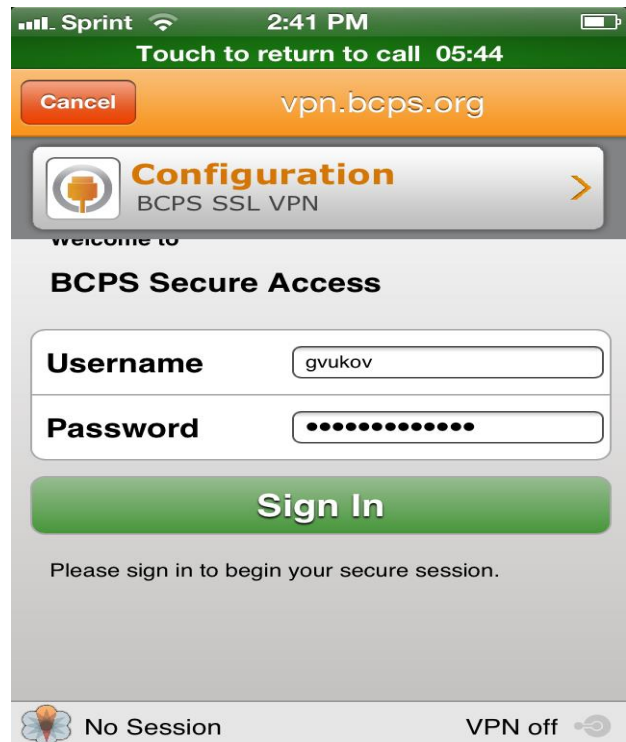


iPad screen

- Type a name for the VPN connection, in the below example we use BCPS SSL VPN. In the URL field, please type: <https://vpn.bcps.org> and then select save



- Once back at your initial VPN screen you should see the new VPN entry that was created.



10. Select connect and which will bring up the Authentication screen as shown below. Enter your **BCPS** Username and Password and select Sign In



11. Once authenticated and connected, there will be a VPN icon in the upper right hand corner of your screen



12. Users who have access to applications like Cognos, eASI, helpdesk etc., can access the web applications in the browser on the iPhone by typing in the appropriate website URL that you use at your school/office location, i.e. <https://dwprod-app01.bcps.org/cognos>, etc..
13. When finished with the VPN please click Disconnect to **sign out**.

Junos Pulse Installation for Android & Others

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Junos Pulse is available for some models of Android, but support is limited. For more information on non-IOS/Apple device support and use, you can check out Juniper websites:

<http://www.juniper.net/techpubs/software/pulse/releasenotes/j-pulse-01.04R31.01-supportedplatforms.pdf#search=%22Junos%20Pulse%20Supported%20Mobile%20Platforms%22>

<http://www.juniper.net/techpubs/software/pulse/guides/j-pulse-mobile-2.0R1-android-ug.pdf>



Additional/Important Information

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- Please do not try to access the VPN while you are working within a BCPS office or school as your access to the internal BCPS systems will be slow – the VPN is only for use when you are away from the BCPS network
- Please make sure that you disconnect/logout of the VPN when you are not working on BCPS internal systems – this will help ensure that you have the fastest access to the internet, and will help to reduce the potential of transmitting a virus to the BCPS network, as well as allowing someone else to have access to the BCPS network under your username and password
- All board polices, rules, and acceptable use applies when you are accessing the BCPS internal network utilizing the VPN
- If you dispose of any device that you have used the BCPS VPN on, especially iPhones, iPads, or other similar devices, please make sure that you completely wipe the device and clear/reset all settings on the device – this is to help ensure that access or BCPS data does not fall into the hands of un-authorized hands
- **These instructions are provided as a guide for BCPS users to access certain online applications from home. There is no guarantee that access will be available at all times. The Department of Information Technology cannot trouble shoot problems with home computers at this time due to potential liability issues**