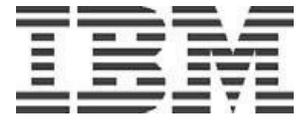


Connecting to your PDP system user guide



[Power Development Platform](#)

Connecting to your PDP system user guide

*Document Version 5
June 12, 2018*

Connecting to your PDP system user guide

FOREWORD

This document is intended for the users trying to access PDP for the first time. This document assumes that you have a PDP reservation that is in 'ACTIVE' state.

The installation instructions have been documented considering Windows as the OS on Local client. The steps hold good for a MAC OS or Linux machine as well.

Note: If you are yet to make a PDP reservation, please use the following web link for creating one.

https://public.dhe.ibm.com/partnerworld/pub/pdp/create_pdp_reservation_guide.pdf

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Where to get your PDP VPN and Reservation information like User ID, Password and IP Addresses

For VPN appliance's IP address, User ID and Initial password, click on "VPN Network Access" button in "Access Program Information" section of the main page under the Programs tab of PDP web site:

- Launch the PDP web site: www.ibm.com/partnerworld/pdp Click on the 'Programs' tab.
- Log in with your PartnerWorld user ID (IBM ID) and password.
- Click on "VPN Network Access" button and note the details related to VPN connection.

Access program information



VPN Network Access details will be displayed as follows for active reservations (please note that your id and password will vary and the password will not be assigned until reservation is active).

VPN Network Access

Details ⓘ

VPN appliance IP address
129.33.247.60

User ID
q0000910

Initial / last reset VPN password
gvax6krz

PDF [Download connection user guide](#)



Note: To reset your VPN password you can make use of "Reset VPN Password" Button. This button will be disabled until your reservation is active.

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To obtain your PDP reserved system's IP address details, please use the following steps:

1. Click on the “My Projects” button under “Access Program Information” section of the main page which displays all booked reservations.

Access program information



My Projects

Three project cards are displayed side-by-side. Each card has a teal background and a blue header area with an illustration of a hand using a magnifying glass over a computer monitor displaying charts and graphs. The cards contain the following information:

- Project name : Test-Santosh-ISV**
Project description : Test-Santosh-ISV
Start date : June 11th, 2018 1:53 pm
End date : June 16th, 2018 1:53 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel
- Project name : Santosh_Test**
Project description : Santosh_Test
Start date : June 11th, 2018 3:42 pm
End date : June 16th, 2018 3:42 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel
- Project name : AIX_7.2**
Project description : Created for testing purpose.
Start date : June 12th, 2018 3:09 pm
End date : June 17th, 2018 3:09 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel

[← Return to My Program Access](#)

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2. Click on the “Open reservations” button to display the details of the selected project.



The PDP reservation IP address, User IDs (u00xxxxxx & root) and Initial passwords are displayed.

My Reservations

Reservation 9085	Architecture IBM POWER 8
Operating system IBM AIX 7.2	State Active
vCPUs 1	Memory (MB) 2048
Disk space (GB) 35	Temp disk size (GB) 0
IP address 172.29.179.121	Initial/last root pw mpny7sir
User id q0000910	Initial/last user pw pclf3dqj

Reset Partition Reset Password Save Image Create support request

Reservation history

← Return to My Projects

Also you will see options to perform operations like Reset Password, Reset Partition, Save Image, Reservation History etc.

Establish VPN connection between your local client and PDP network

Connectivity between your local client and PDP network is established using a VPN appliance.

This involves

1. Installing VPN client
2. Configuring VPN client for establishing the connection.

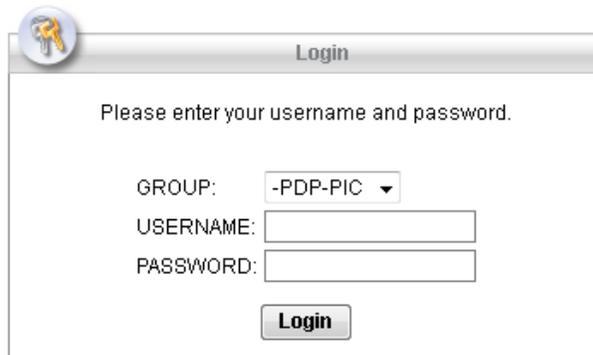
Please refer to the [Appendix](#) of this document for more information about VPN connectivity.

How to install VPN Client

In PDP, VPN connectivity is established using the browser based VPN appliance called Cisco Anytime Connect. Please refer to the following steps for installing VPN appliance (Of course for first time users).

Launch a browser and enter the url <https://vpn.isv.ihost.com> or <https://129.33.247.60> and press Enter.

Provide the VPN user name & password and Click on Login



Login

Please enter your username and password.

GROUP: -PDP-PIC

USERNAME:

PASSWORD:

Login

Click on continue.



Welcome to the Power Development Platform

Cancel Continue

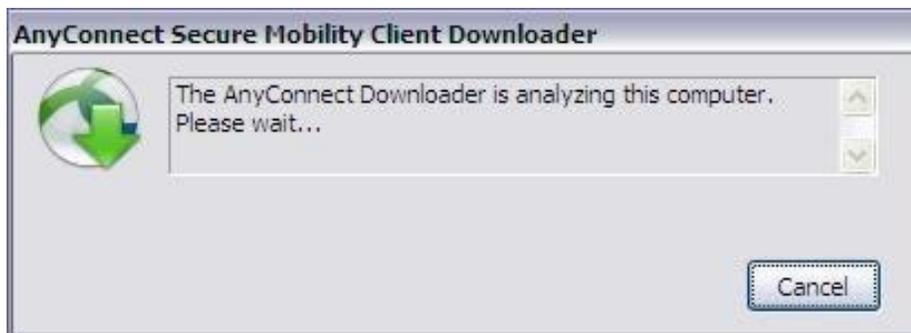
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You may get a prompt to run add-on for ActiveX Controls. Please allow the add-ons and click on Run.



5. Installation of VPN appliance will take place (first time users) and once the installation is completed, appliance will try to establish VPN connection. You would see following screens during installation.

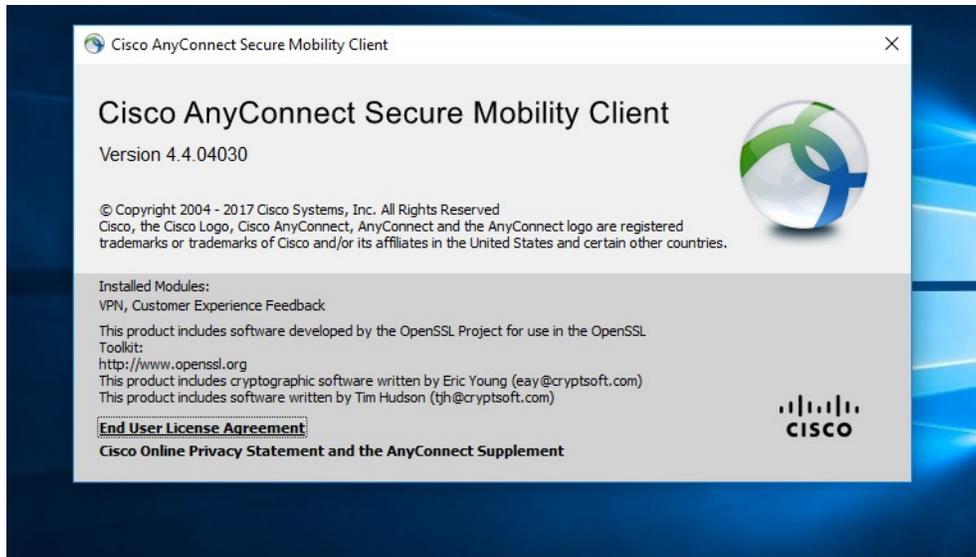
Note: Following window may show up during installation because firewall on your system may prompt you to allow `vpndownloader.exe`, `vpnagent.exe` and `vpnui.exe` files. Please allow ONLY these files and connection to this VPN server.



Next, VPN software would be downloaded and installed on your local machine.

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6. VPN 4.4 is successfully upgraded/installed .



You would see the following screen, once the connection is successfully established and an icon in system tray would also be visible



And an icon in system tray

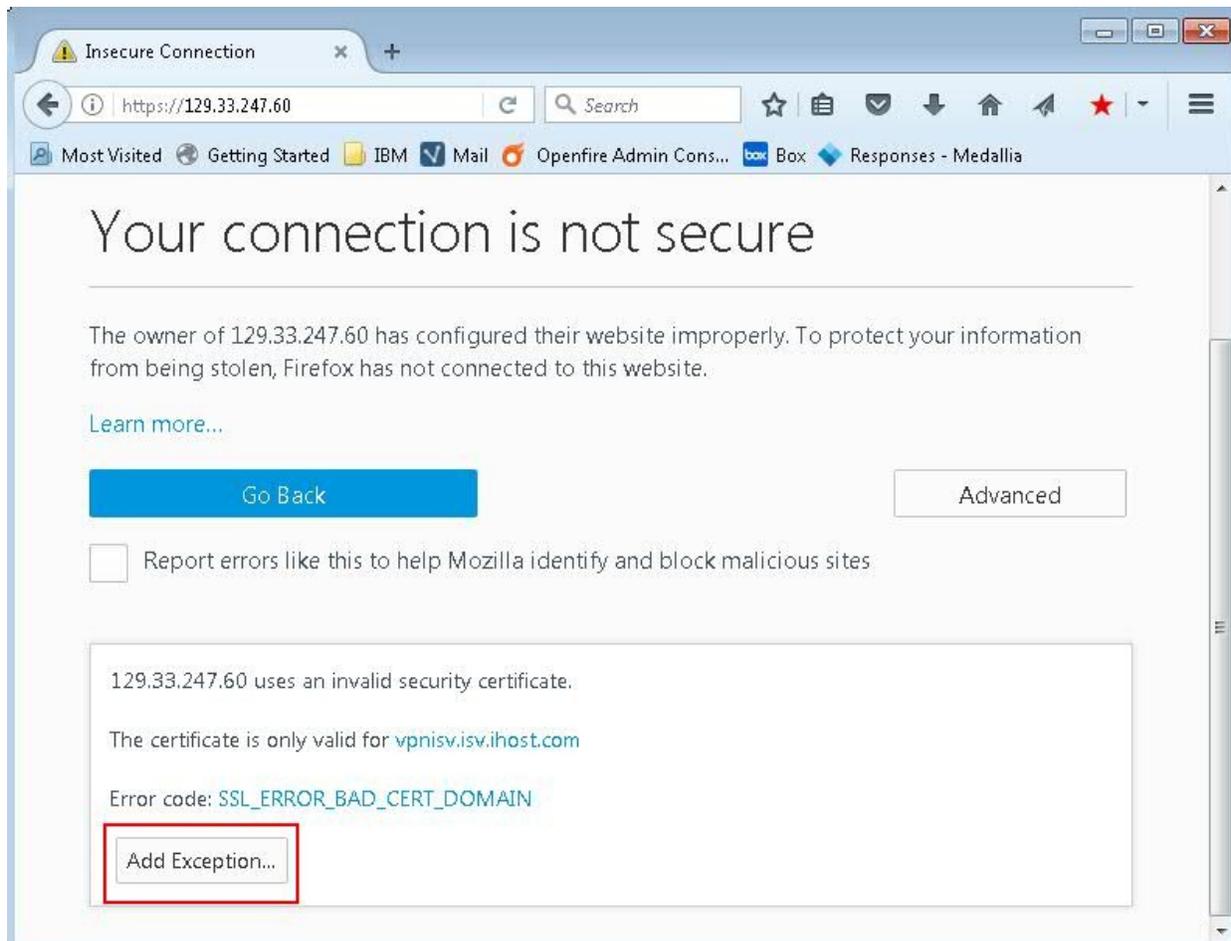


Note: Please refer to the next section, if you are encountering issues while installing VPN client.

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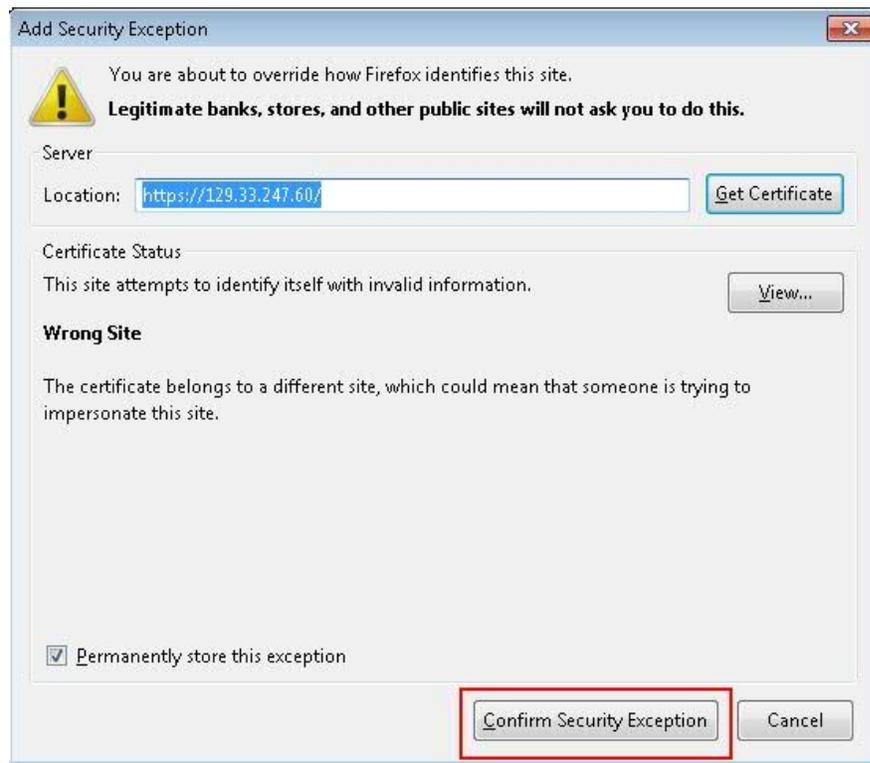
Encountering issues while installing VPN client:

In case you are encountering security related issues while installing VPN client, please do the following: You might notice that the connection is Insecure. During this prompt, please click on “Add Exception”.



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Confirm the Security exception

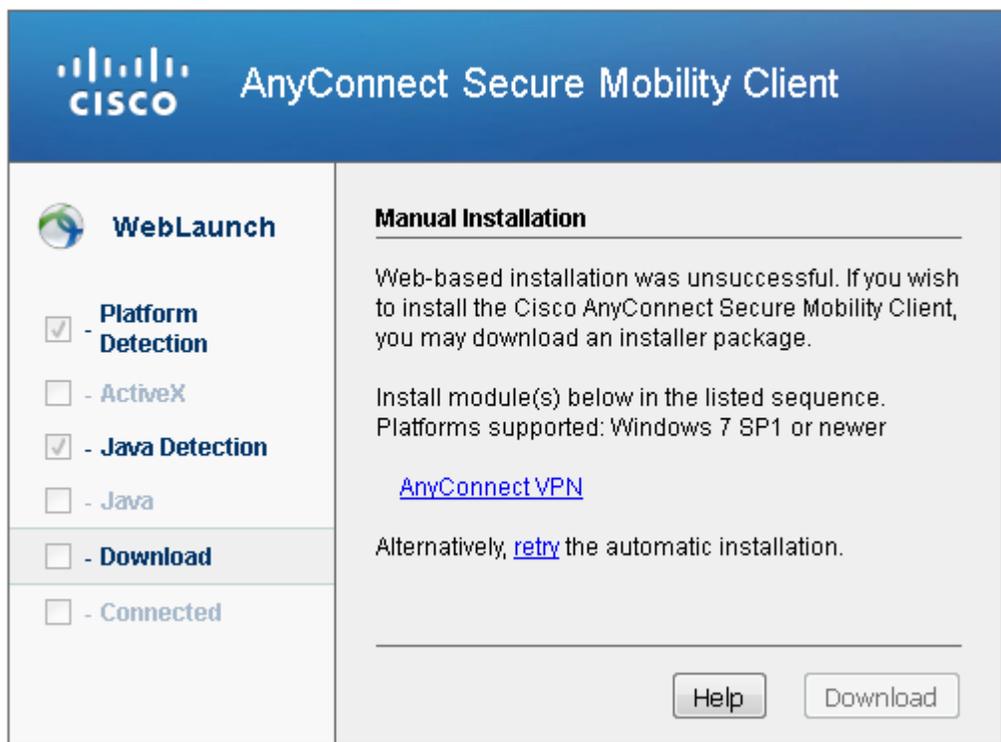


Click on Continue

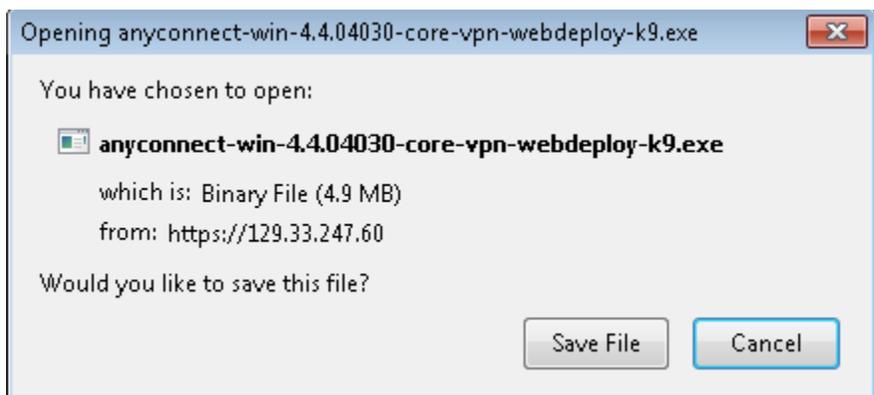


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At this point, the VPN client would need to be installed manually. So you may continue with manual installation or download the .exe file and manually install the VPN client. Click on “AnyconnectVPN” in the below screen shot to download VPN manually.

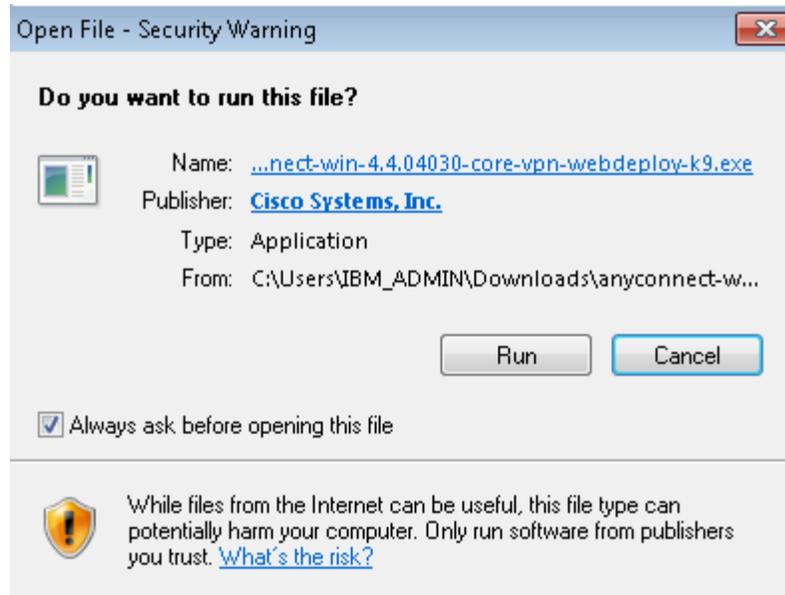


File ready to be saved.



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Open the the saved file and click on Run to start the installation

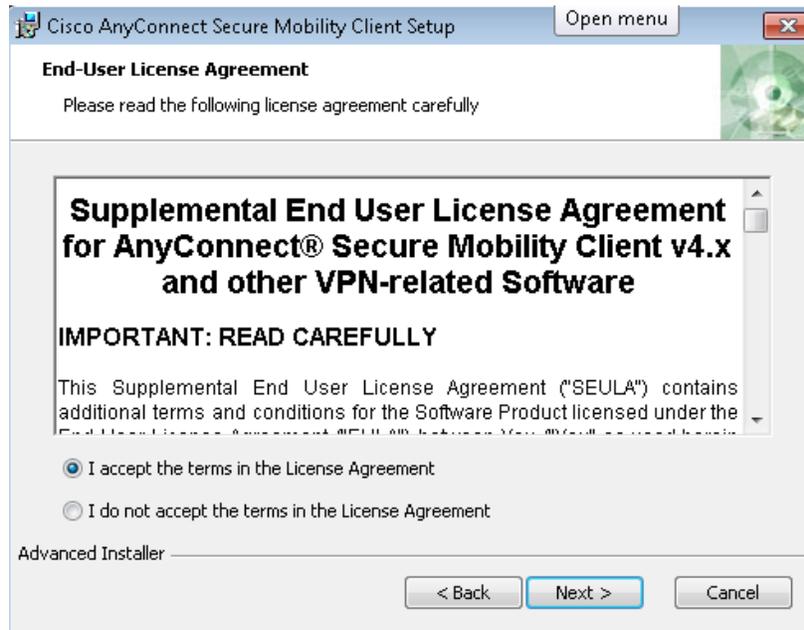


Click Next on the setup wizard.



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Accept the License Agreement and click next. Click on install in the next popup.



Click on Finish to complete the installation.



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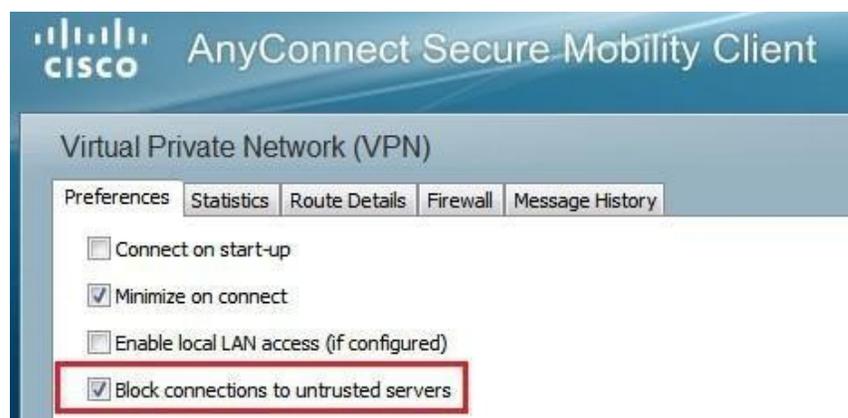
After successful installation launch “Cisco AnyConnect Secure Mobility Client” From start menu.



While connecting to the VPN if you get a pop up window about security warning about “Untrusted Server Blocked”, click on Change settings.

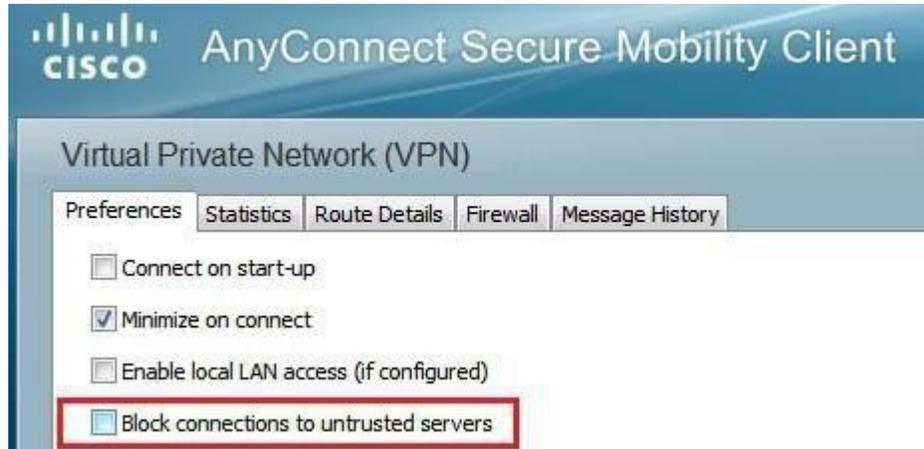


Uncheck the “Block connections to untrusted servers”



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Resulting in



On the next window, check the checkbox “Always trust this VPN server and import the certificate” and Click on “Connect Anyway” button



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II .Configure & Establish the VPN Connection

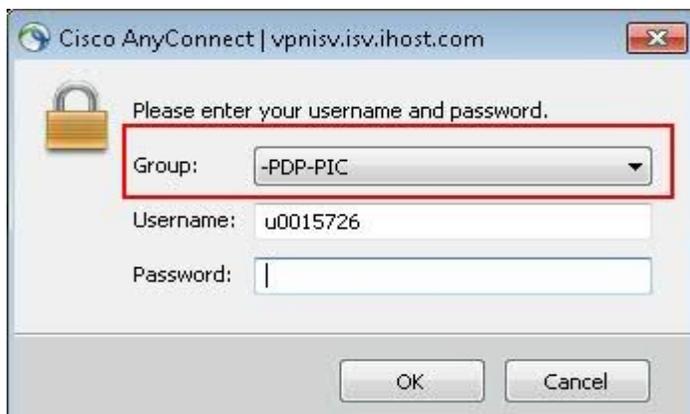
To establish or reconnect to the VPN gateway, click on the Cisco Anytime Connect icon in the system tray or launch it from “All Programs”.

Enter the host name as “**vpn1sv.isv.ihost.com**” and click on connect



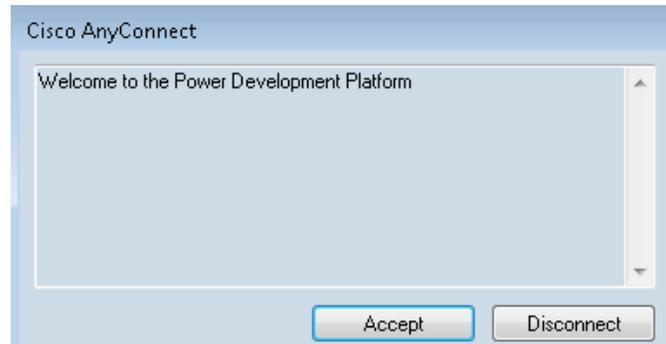
Note: You may alternatively use the IP: 129.33.247.60 instead of “vpn1sv.isv.ihost.com”

To connect to a PDP Linux VM or AIX/IBM i LPAR, please ensure you have -PDP-PIC selected in group, enter the VPN username and Password details (possibly once again) and click “Connect”.



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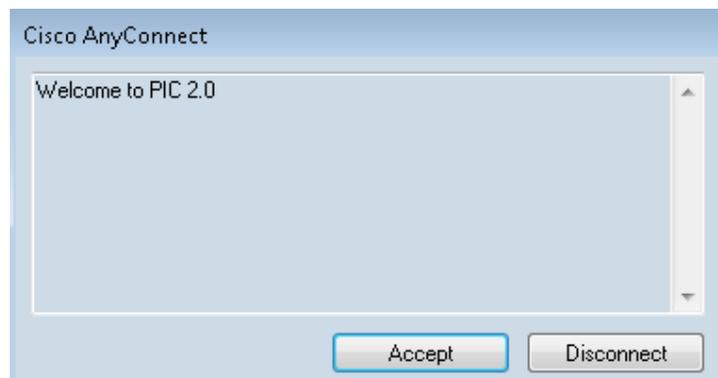
Click on “Accept” Button in next window.



If you are connecting to a PDC VMaaS VM (e.g. HDP / HDF Demo) please ensure HWCICD selected in group,



Click on “Accept” Button in next window.



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You will see the following window/ message near system tray which confirms establishing of VPN connection.



Configuring PuTTY client to access AIX or Linux systems

The following instructions explain how to connect to your PDP reserved system after you are connected to the PDP Network.

Windows systems can use the PuTTY client, available at:

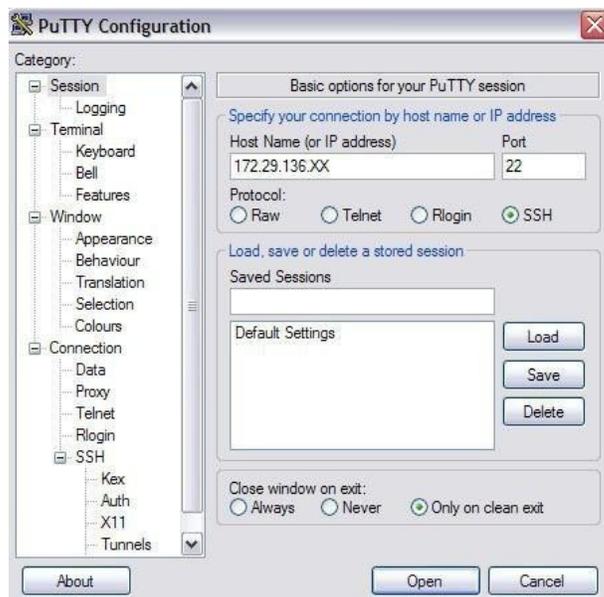
<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

See [Appendix B](#) for information on the installation and usage of PuTTY.

Note: IBM does not make any recommendations about the use of this client. Please read the documentation and disclaimers that come with it.

You can use PuTTY to connect to your PDP reserved system (Telnet is not enabled on AIX and Linux PDP systems)

Start PuTTY. This example illustrates using PuTTY in Windows environment.



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Enter the IP address of your PDP reserved system in the Host Name (or IP address) and select SSH under Protocol.

Press the Open button, and a new SSH session will open. Log in with your User ID and password.

You may be prompted to change your password. Enter your OLD password first and then enter your NEW password twice. You have now successfully completed connection to your PDP reserved system

Connecting to IBM i Systems:

Once VPN connection is established, you can access your i5/OS system by using the 5250 emulator (recommended) . The following describes how to use the tn5250 emulator.

How to obtain a tn5250 emulator client:

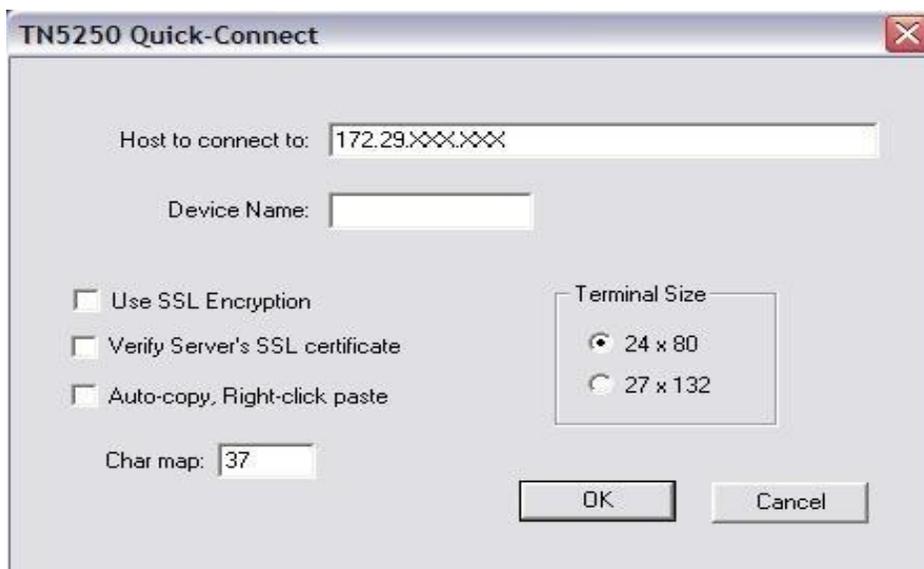
You can use the 5250 emulator from iSeries Access or IBM Personal Communications. An additional site for the tn5250 client is: http://sourceforge.net/project/showfiles.php?group_id=27533

IBM does not make any recommendations about the use of this client. Please read the documentation and disclaimers that come with it.

How to connect to your PDP reserved system with the tn5250 emulator client:

Connect to the VPN as described in earlier steps.

Now, start your 5250 emulator client and enter the IP address of the PDP reserved system.



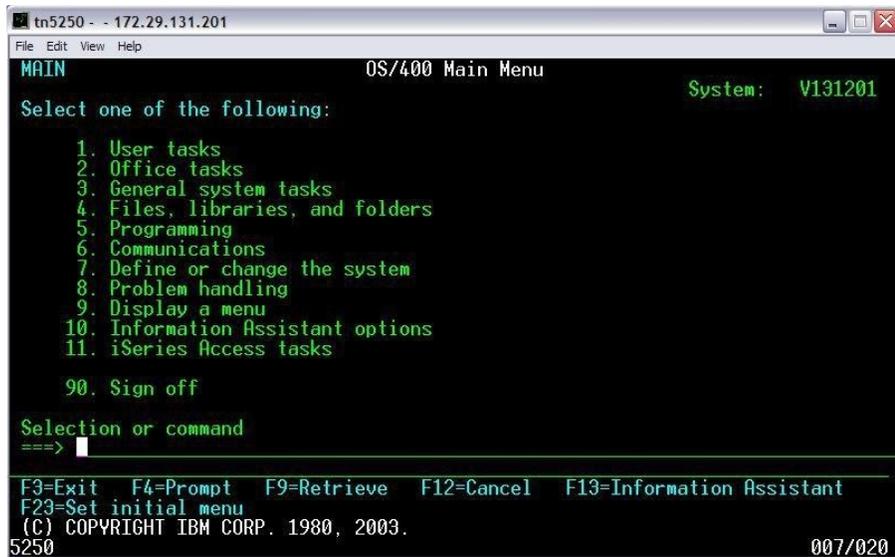
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3. User can login to the tn5250 emulator using the username or QSECOFR with respective password.



You will be prompted to change your password during first time sign-on. Enter your OLD password first and then enter your NEW password twice.

You are now signed into your reserved PDP system and can proceed with exploring the system.



Appendix A: How to Install and Run the PuTTY Client

To obtain PuTTY, you can go to several sites. A suggestion to get PuTTY is to go to this site:
<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

Scroll down the page and find your operating system. Double click the PuTTY.exe file so you can download the program.

Alternative binary files

The installer packages above will provide all of these (except PuTTYtel), but you can download them one by one if you prefer.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

putty.exe (the SSH and Telnet client itself)

32-bit: [putty.exe](#) (or by FTP) (signature)
64-bit: [putty.exe](#) (or by FTP) (signature)

pscp.exe (an SCP client, i.e. command-line secure file copy)

32-bit: [pscp.exe](#) (or by FTP) (signature)
64-bit: [pscp.exe](#) (or by FTP) (signature)

psftp.exe (an SFTP client, i.e. general file transfer sessions much like FTP)

32-bit: [psftp.exe](#) (or by FTP) (signature)
64-bit: [psftp.exe](#) (or by FTP) (signature)

puttytel.exe (a Telnet-only client)

32-bit: [puttytel.exe](#) (or by FTP) (signature)
64-bit: [puttytel.exe](#) (or by FTP) (signature)

plink.exe (a command-line interface to the PuTTY back ends)

32-bit: [plink.exe](#) (or by FTP) (signature)
64-bit: [plink.exe](#) (or by FTP) (signature)

pageant.exe (an SSH authentication agent for PuTTY, PSCP, PSFTP, and Plink)

32-bit: [pageant.exe](#) (or by FTP) (signature)
64-bit: [pageant.exe](#) (or by FTP) (signature)

puttygen.exe (a RSA and DSA key generation utility)

32-bit: [puttygen.exe](#) (or by FTP) (signature)
64-bit: [puttygen.exe](#) (or by FTP) (signature)

putty.zip (a .ZIP archive of all the above)

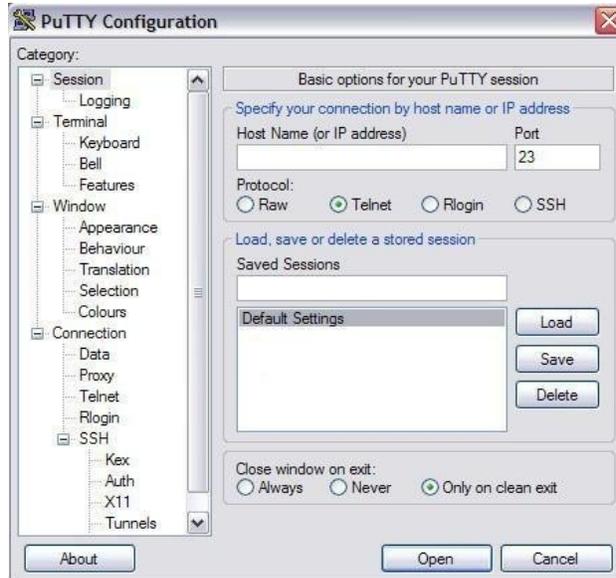
32-bit: [putty.zip](#) (or by FTP) (signature)
64-bit: [putty.zip](#) (or by FTP) (signature)

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A Save File Dialog will pop up. Choose the Option to Save the File. Pick a location to save your file, such as [C:\temp](#).

Run PuTTY by first locating the PuTTY.exe file and double clicking on the PuTTY.exe file to run the program.

The PuTTY Dialog box will pop up.

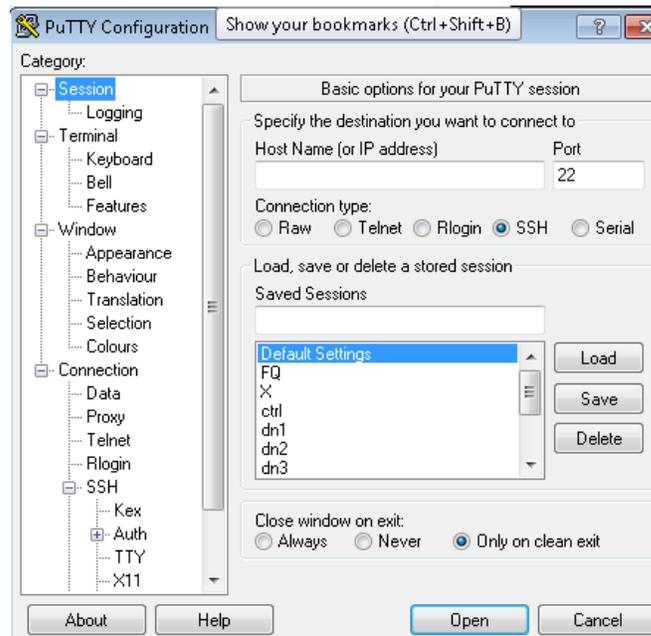


Under Saved Sessions, Select Default Settings, then click on the Load button. Now Under the Category list on the Left hand side, select SSH.

You will see this dialog box, under Preferred SSH Protocol Version, Select 2.

Under the category dialog box on the left hand side, select "Session". Now select SSH under the protocol session.

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Select default setting under “Saved sessions” and click the save button. You now have saved the settings that you have just configured so by default you will use SSH protocol 2 when you use PuTTY.

Appendix B: What is a virtual private network (VPN)?

A virtual private network (VPN) is private network that uses a public network, such as the Internet, to create a secure private connection through a private tunnel. A VPN uses a virtual connection that is routed from a company's private network through the internet to a remote system or site. The VPN connection creates a secure connection between the user's machine and the remote network giving that user local access to the remote site. The user can then have access to the remote company's network as if they were locally connected to that company's network.

