

Cisco AnyConnect Secure Mobility Client installation guide

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Created by: Prasad Kuber

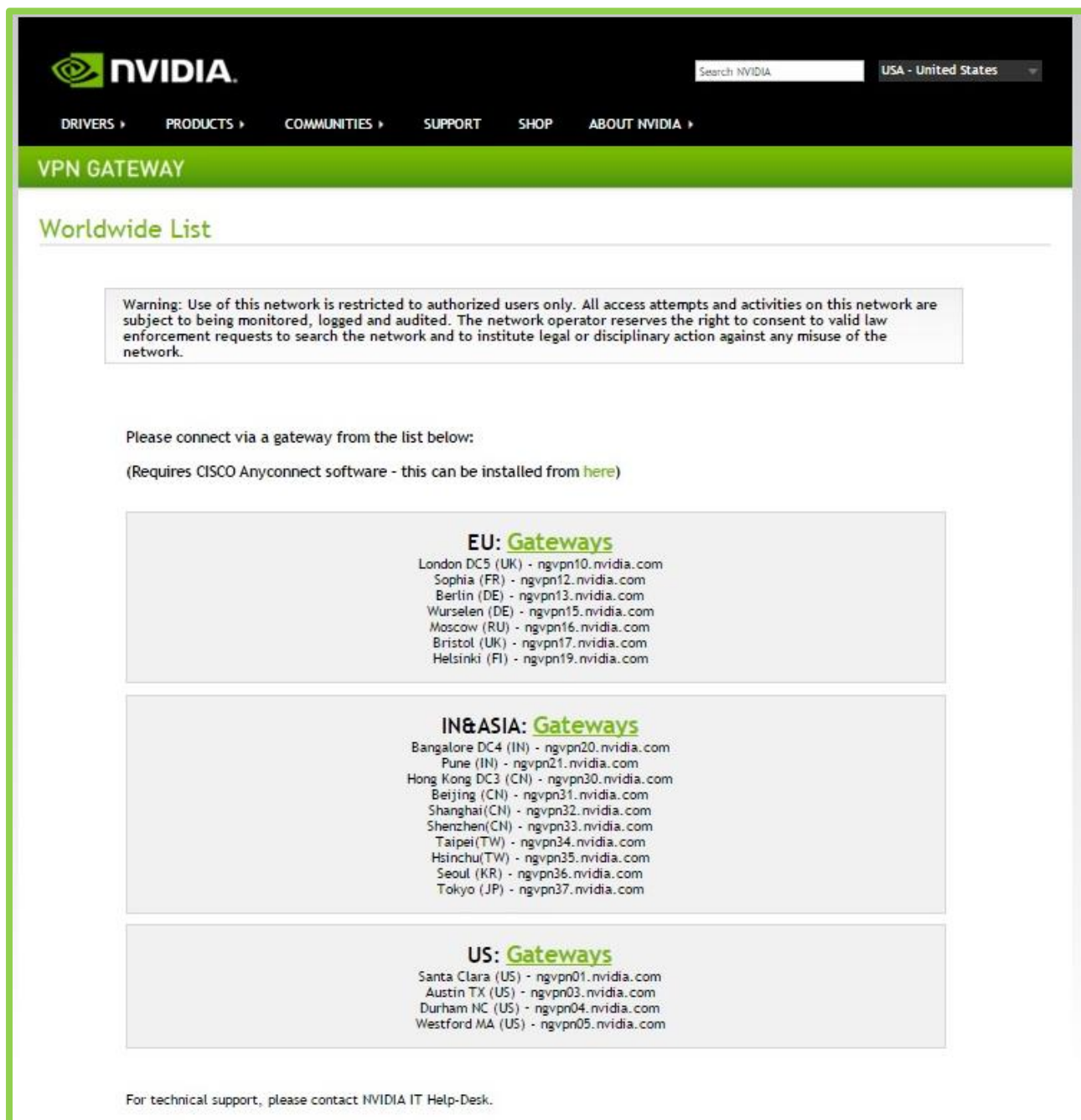
Creation Date: 23 August 2018

Revision number: 1.3

Installation Package: All operating systems

Downloading the AnyConnect Client

Step 1: Navigate to our VPN Homepage: <http://ngvpn.nvidia.com> . This page contains a list of all worldwide gateways and the link to the client download page, see below.



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Search NVIDIA USA - United States

DRIVERS > PRODUCTS > COMMUNITIES > SUPPORT SHOP ABOUT NVIDIA >

VPN GATEWAY

Worldwide List

Warning: Use of this network is restricted to authorized users only. All access attempts and activities on this network are subject to being monitored, logged and audited. The network operator reserves the right to consent to valid law enforcement requests to search the network and to institute legal or disciplinary action against any misuse of the network.

Please connect via a gateway from the list below:

(Requires CISCO Anyconnect software - this can be installed from [here](#))

EU: Gateways

- London DC5 (UK) - ngvpn10.nvidia.com
- Sophia (FR) - ngvpn12.nvidia.com
- Berlin (DE) - ngvpn13.nvidia.com
- Wurselen (DE) - ngvpn15.nvidia.com
- Moscow (RU) - ngvpn16.nvidia.com
- Bristol (UK) - ngvpn17.nvidia.com
- Helsinki (FI) - ngvpn19.nvidia.com

IN&ASIA: Gateways

- Bangalore DC4 (IN) - ngvpn20.nvidia.com
- Pune (IN) - ngvpn21.nvidia.com
- Hong Kong DC3 (CN) - ngvpn30.nvidia.com
- Beijing (CN) - ngvpn31.nvidia.com
- Shanghai (CN) - ngvpn32.nvidia.com
- Shenzhen (CN) - ngvpn33.nvidia.com
- Taipei (TW) - ngvpn34.nvidia.com
- Hsinchu (TW) - ngvpn35.nvidia.com
- Seoul (KR) - ngvpn36.nvidia.com
- Tokyo (JP) - ngvpn37.nvidia.com

US: Gateways

- Santa Clara (US) - ngvpn01.nvidia.com
- Austin TX (US) - ngvpn03.nvidia.com
- Durham NC (US) - ngvpn04.nvidia.com
- Westford MA (US) - ngvpn05.nvidia.com

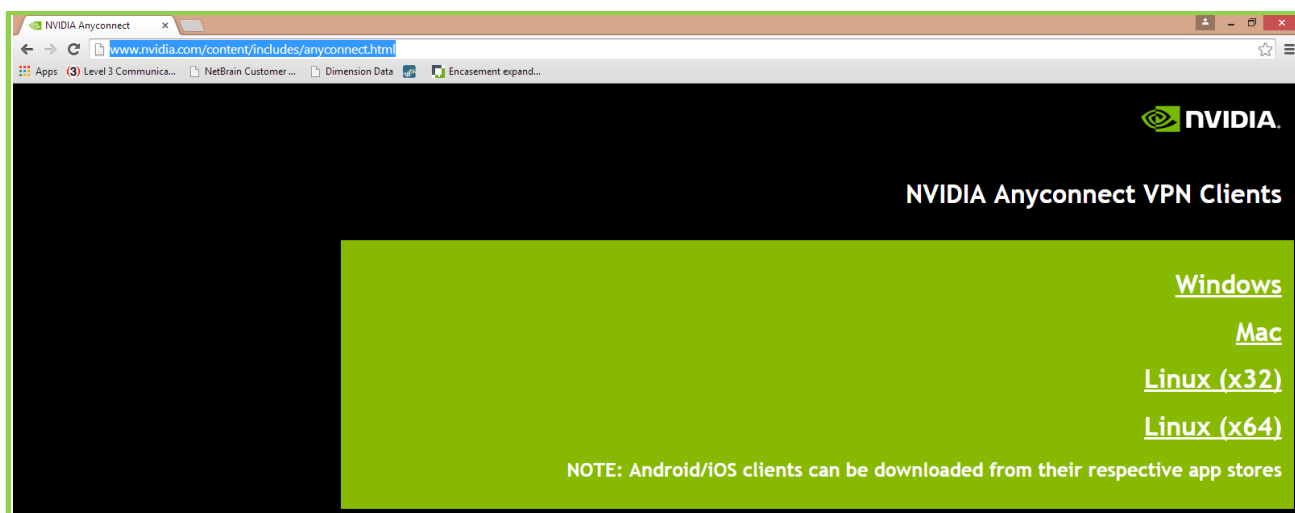
For technical support, please contact NVIDIA IT Help-Desk.

Step 2: Click the hyperlink "[here](#)" to Navigate to the Client Download Page.

Please connect via a gateway from the list below:

(Requires CISCO Anyconnect software - this can be installed from [here](#))

Step 3: Click the operating system name to download the correct version of the client for your operating system. Save this file to your Desktop or another location you can easily access.

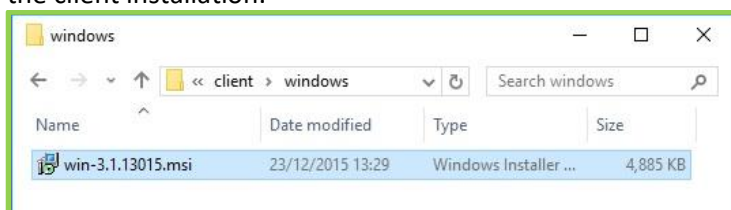


This completes the download for the AnyConnect client.

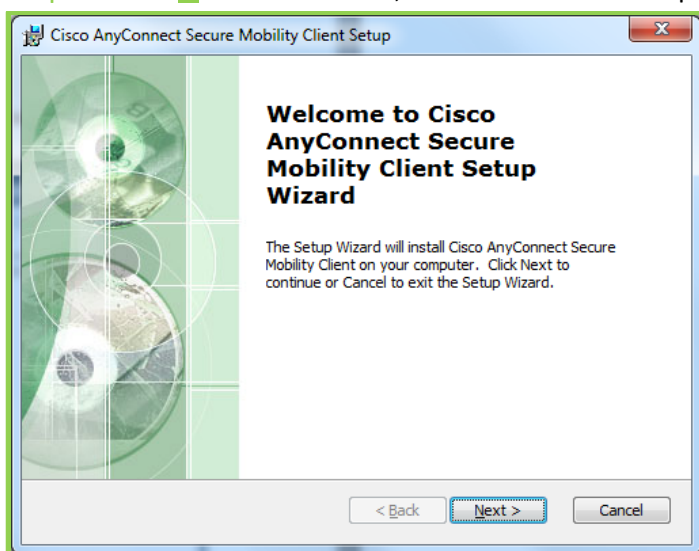
Windows installation

Client installation steps

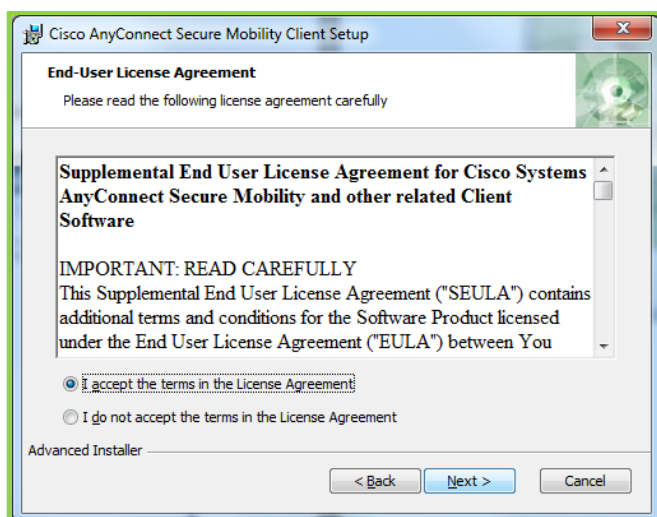
Step 1: Navigate to the client installation file win-3.1.13015.msi downloaded above (note the filename will change without notification to the latest available client). Double click the file to start the client installation.



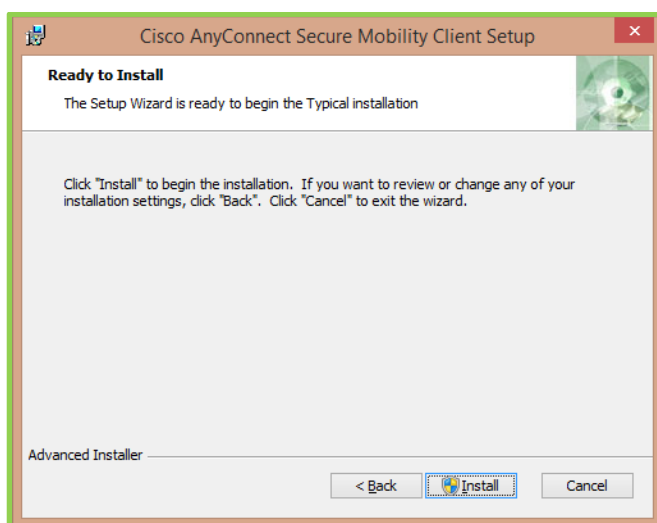
Step 2: Click "Next" to continue, follow all the default options.



Step 3: Select "☒ I accept the terms in the License Agreement." Then click "Next" to continue.

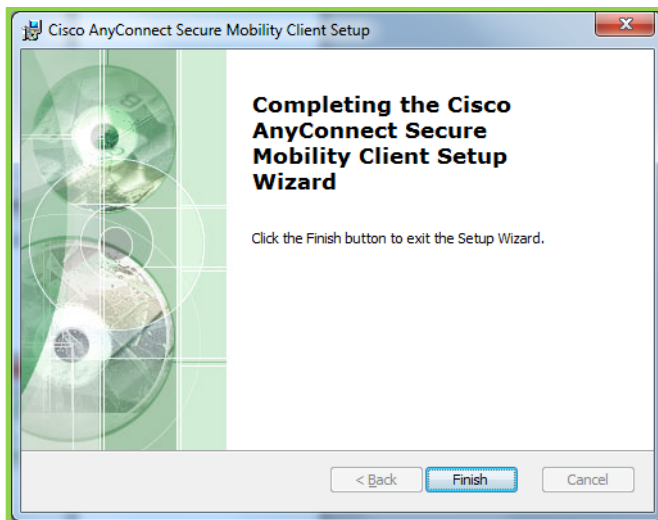


Step 4: Click “I” to continue.



Step 5: Click “I” to complete the AnyConnect client installation.

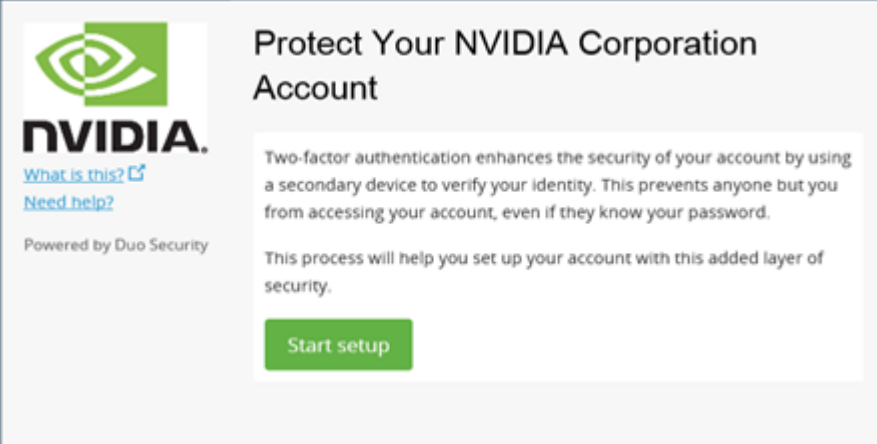
NOTE: If requested by the operating system you will need to allow the install to continue with Administrative privileges.



Duo Enrollment

- i. Open the Duo Enrollment email received in your mailbox. Another way is you can open Internet browser and type <https://duo.nvidia.com>.
- ii. Click on the Enrollment link. And use the steps for setting up Duo (Go to step vi).
- iii. Input username and password (Windows/Domain Password). Click "LOGIN"

- iv. Click **Start setup**.



Protect Your NVIDIA Corporation Account

Two-factor authentication enhances the security of your account by using a secondary device to verify your identity. This prevents anyone but you from accessing your account, even if they know your password.

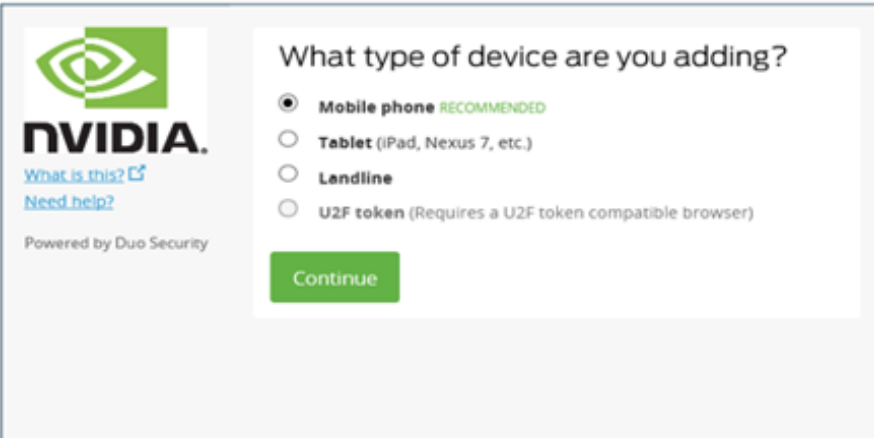
This process will help you set up your account with this added layer of security.

[What is this?](#)
[Need help?](#)

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Start setup

- v. Select your device type; then, click **Continue**.



What type of device are you adding?

☒ **Mobile phone** RECOMMENDED

☐ **Tablet** (iPad, Nexus 7, etc.)

☐ **Landline**

☐ **U2F token** (Requires a U2F token compatible browser)

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[Need help?](#)

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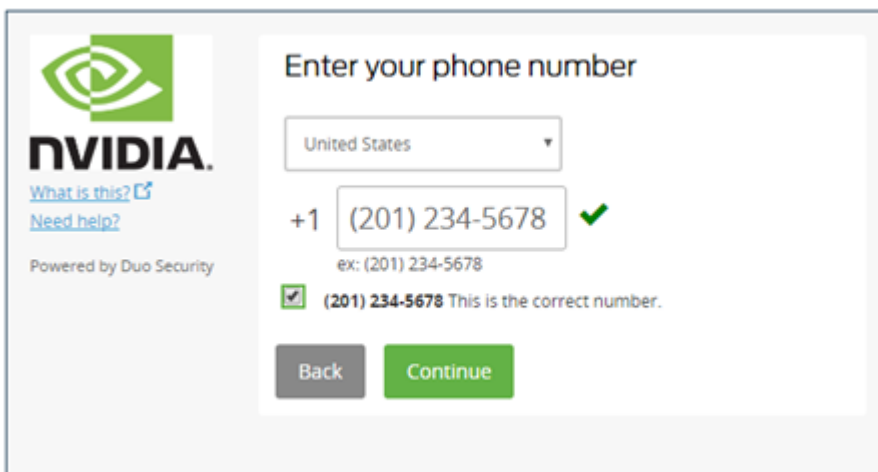
Continue

- vi. Follow the instruction set below corresponding to the option you chose: [mobile phone or tablet](#), [landline](#).
- vii. Once you have followed one of the below instruction sets, continue down to [Connecting to VPN using Duo with Cisco AnyConnect](#).

Mobile phone or Tablet

1. (Mobile phone option only) Select your country from the dropdown list and type in your phone number. Be sure to use the number of the mobile phone that you'll have with you when logging into a Duo-protected application.

2. (Mobile phone option only) Confirm that you entered your number correctly by checking the box; then, click **Continue**.



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Enter your phone number

United States ▼

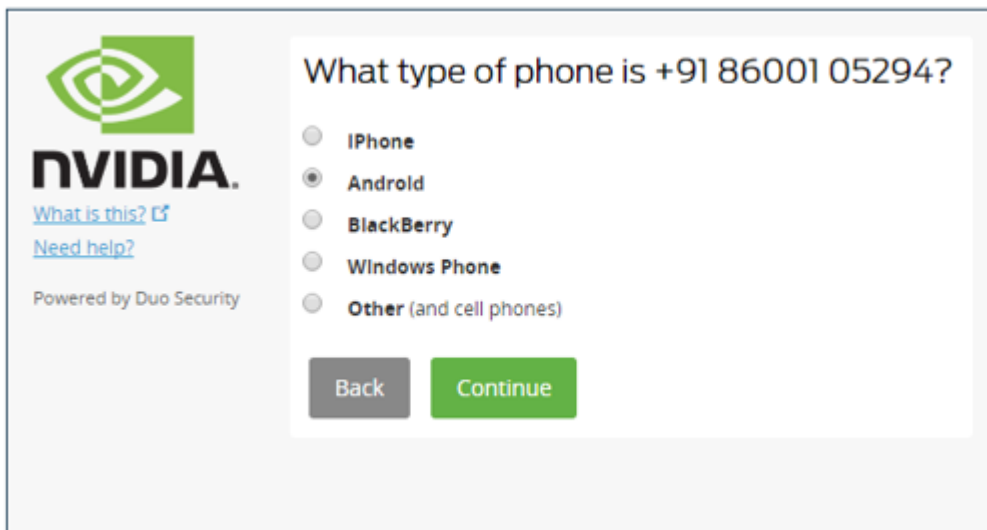
+1 (201) 234-5678 ✓

ex: (201) 234-5678

☒ (201) 234-5678 This is the correct number.

Back Continue

3. Choose your mobile device's operating system and click **Continue**.



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What type of phone is +91 86001 05294?

☐ iPhone

☒ Android

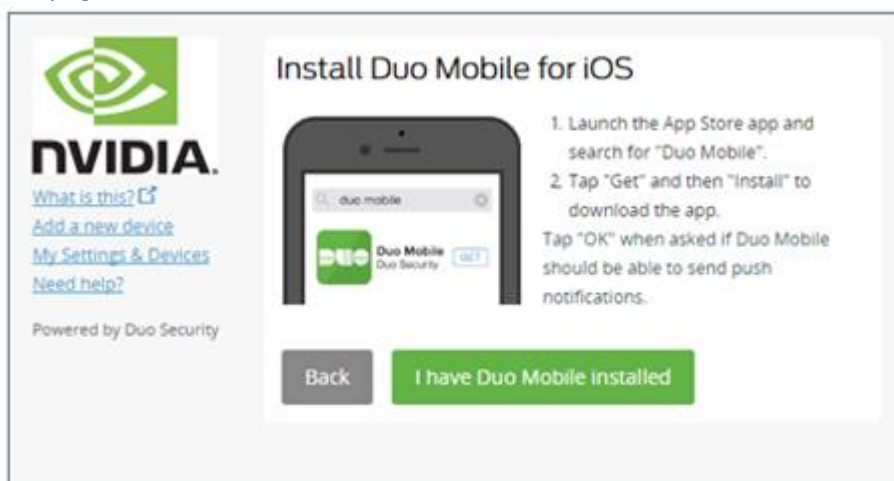
☐ BlackBerry

☐ Windows Phone

☐ Other (and cell phones)

Back Continue

4. Install the Duo Mobile app on your device following the directions provided by the Duo webpage.



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[What is this?](#)
[Add a new device](#)
[My Settings & Devices](#)
[Need help?](#)
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Install Duo Mobile for iOS

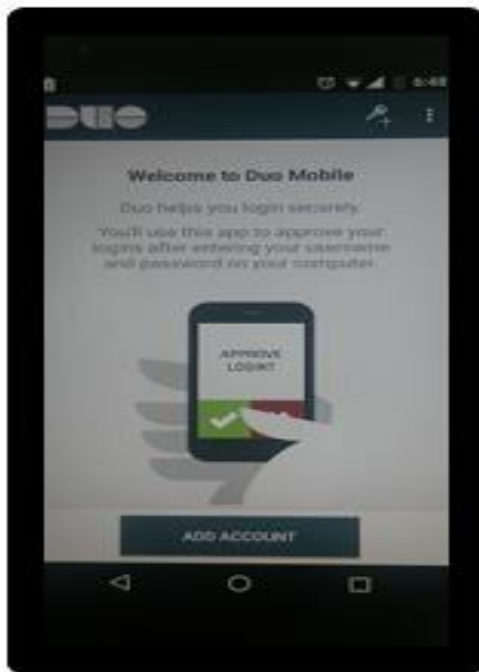
1. Launch the App Store app and search for "Duo Mobile".

2. Tap "Get" and then "Install" to download the app.

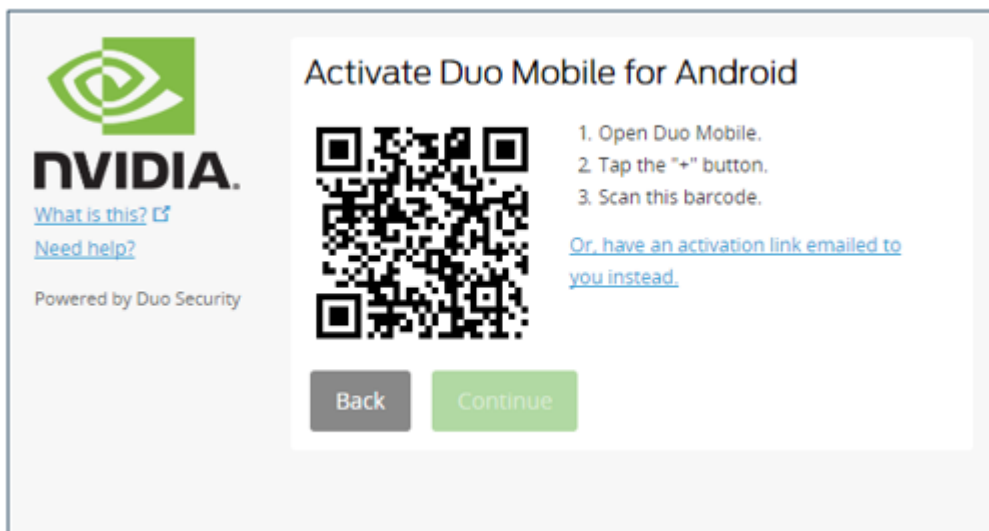
Tap "OK" when asked if Duo Mobile should be able to send push notifications.

Back I have Duo Mobile installed

5. Once installed, open the application on your mobile device.
6. After accepting the License Agreement, return to your web browser and click **I have Duo Mobile installed**.
7. Within the Duo Mobile app, click **Add Account**.

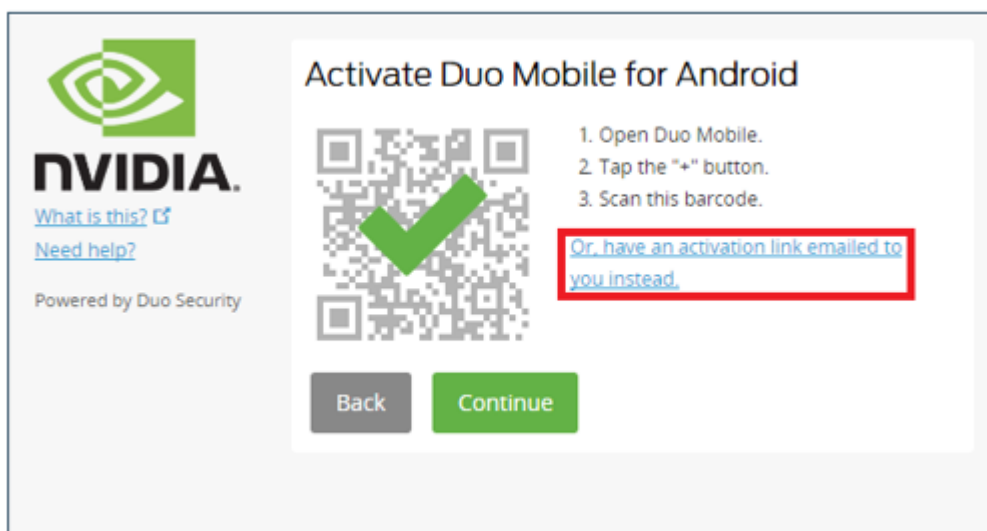


8. Activate Duo Mobile by scanning the barcode on the web browser using the app's built-in barcode scanner via your smartphone's camera. When you successfully scan the barcode, a green checkmark will appear.

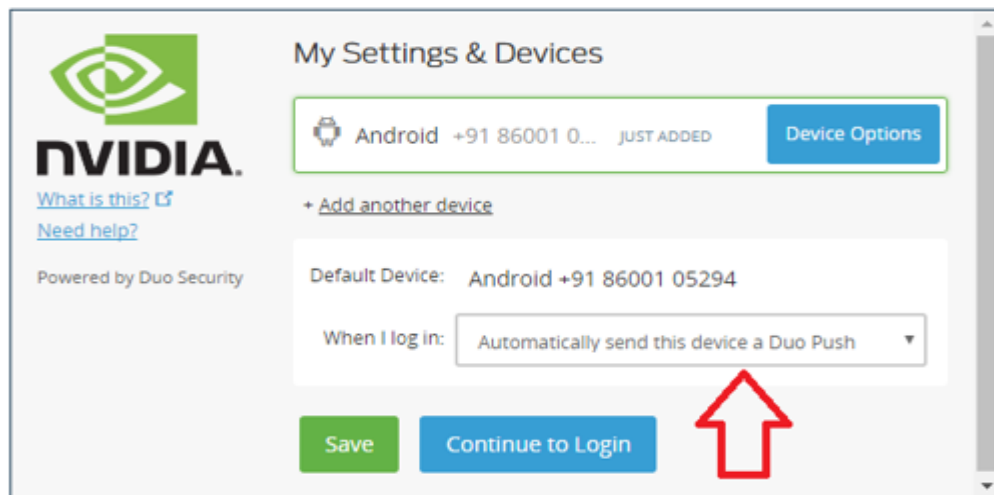


9. Click the **Continue** button on the web browser.

Note: Having trouble scanning the barcode? Click on “**Or, have an activation link emailed to you instead.**” and Duo will send you an activation link on email.



10. As an **Recommended feature**: Please choose “**Automatically send this device a Duo Push**” option from Drop-down.



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My Settings & Devices

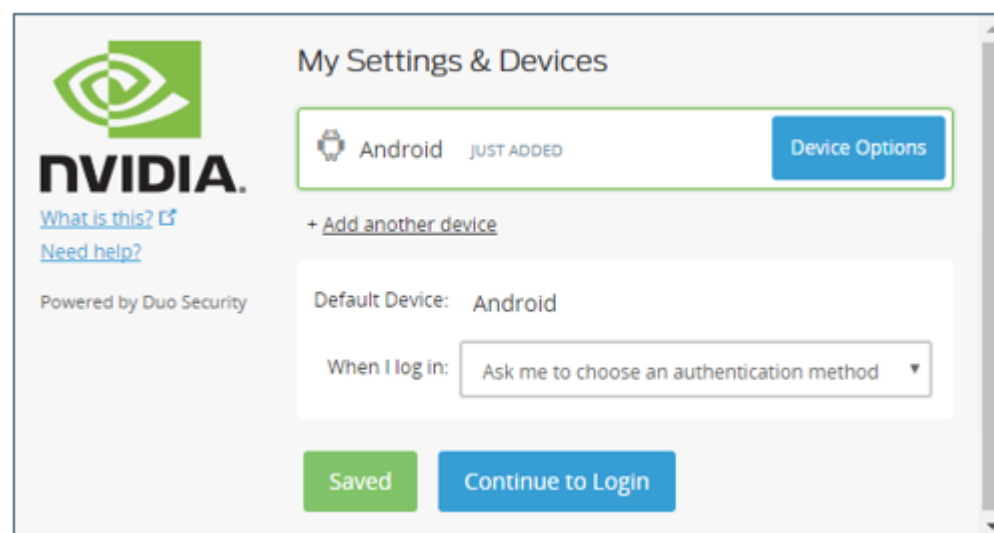
Android +91 86001 0... JUST ADDED [Device Options](#)

+ [Add another device](#)

Default Device: Android +91 86001 05294

When I log in: Automatically send this device a Duo Push ▼

[Save](#) [Continue to Login](#)



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 Powered by Duo Security

My Settings & Devices

Android JUST ADDED [Device Options](#)

+ [Add another device](#)

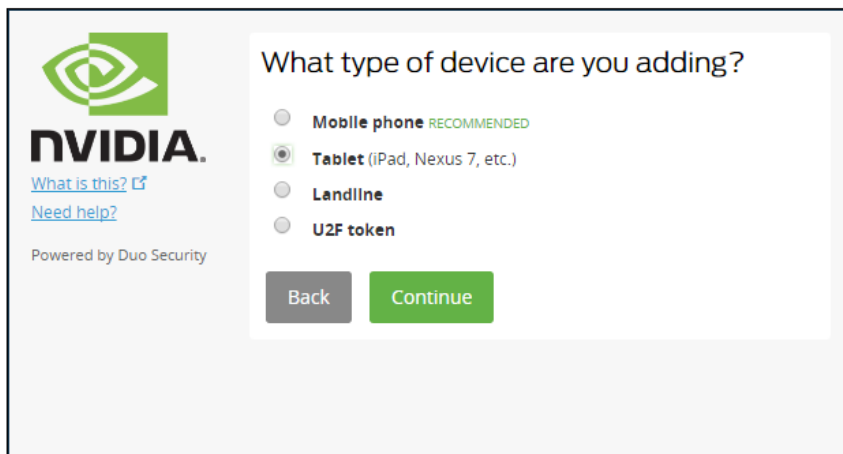
Default Device: Android

When I log in: Ask me to choose an authentication method ▼

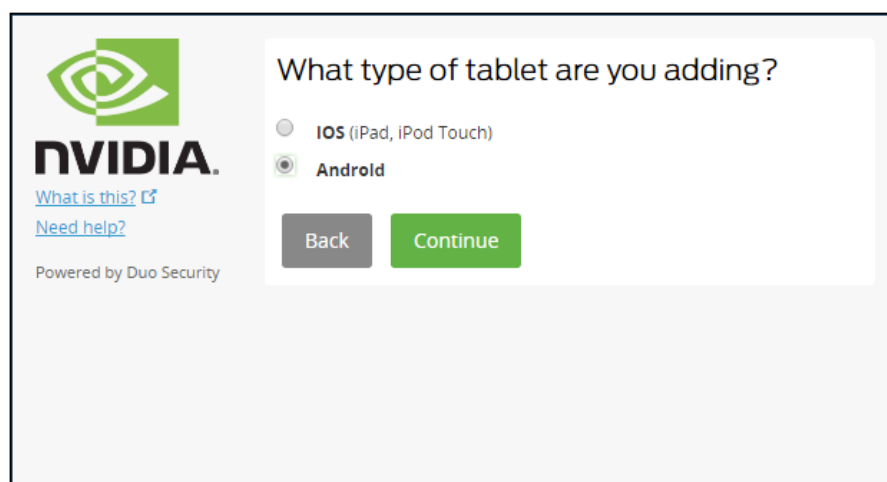
[Saved](#) [Continue to Login](#)

NOTE: Please don't set the option to **"Automatically call this option"** as Cisco AnyConnect will by Default sends Duo Push if you have Duo Mobile App installed or if you have Push Capable device.

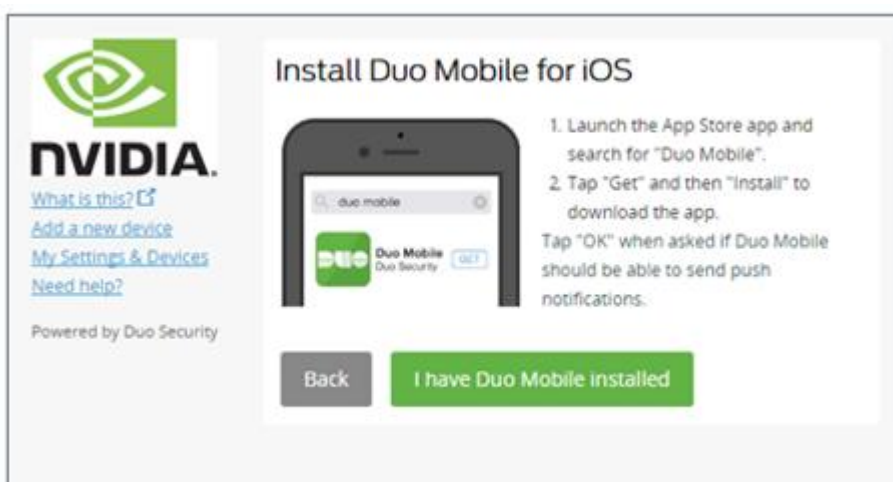
11. Congratulations!!! Your device is ready to approve Duo authentication requests. Your device enrolment process is completed, kindly login to VPN using Cisco AnyConnect client
12. (For Tablet Option Only) Select the **Tablet** option and Click **"Continue"**



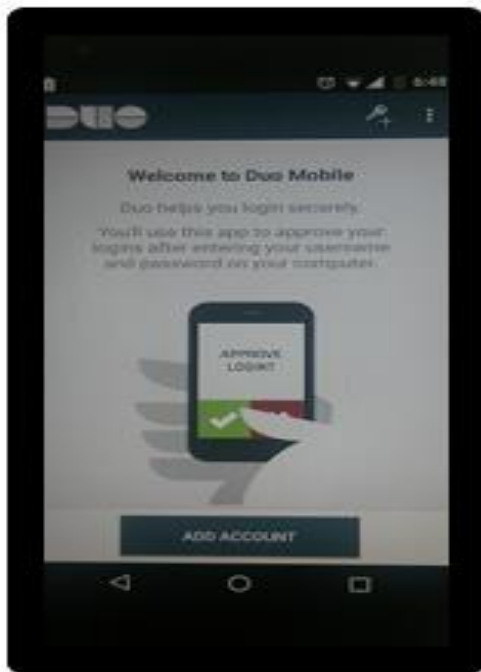
13. Select the Operating System on Tablet.



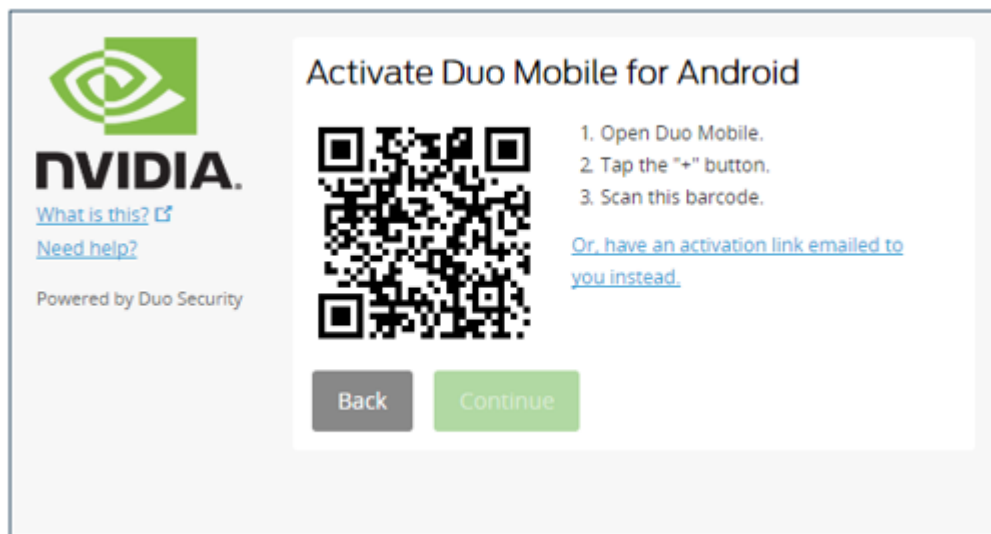
14. Install the Duo Mobile app on your device following the directions provided by the Duo webpage.



- Once installed, open the application on your mobile device.
- After accepting the License Agreement, return to your web browser and click **I have Duo Mobile installed**.
- Within the Duo Mobile app, click **Add Account**.

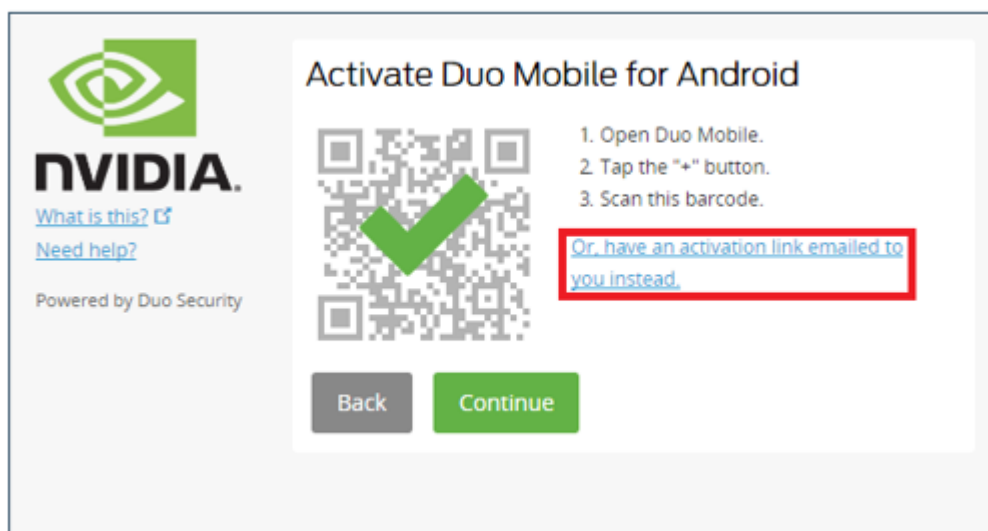


18. Activate Duo Mobile by scanning the barcode on the web browser using the app's built-in barcode scanner via your smartphone's camera. When you successfully scan the barcode, a green checkmark will appear.

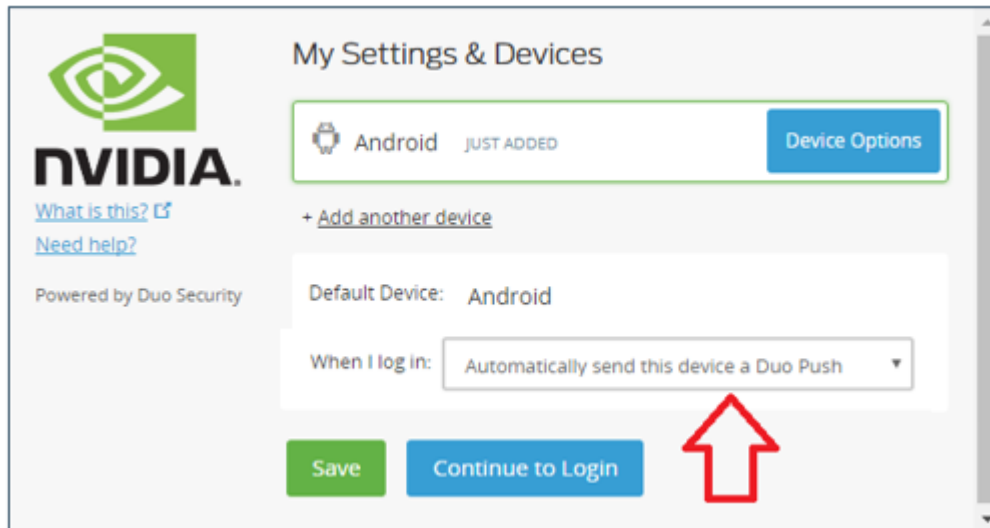


19. Click the **Continue** button on the web browser.


Note: Having trouble scanning the barcode? Click the **Having problems?** link on Duo Mobile and Duo will send you an activation link instead.



20. As a **Recommended feature**: Please choose “**Automatically send this device a Duo Push**” option from Drop-down.



My Settings & Devices

 **nvidia.**
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Android JUST ADDED [Device Options](#)

+ [Add another device](#)

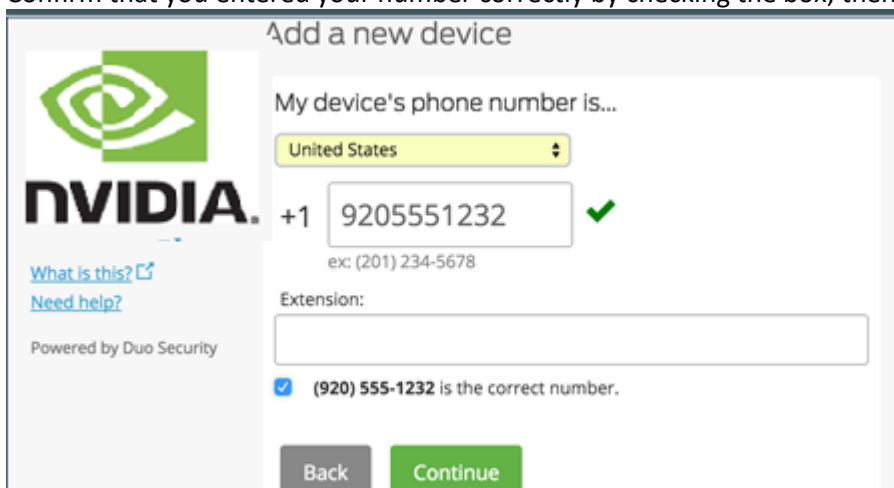
Default Device: Android

When I log in: Automatically send this device a Duo Push


[Save](#) [Continue to Login](#)

Landline

1. **Select your country** from the dropdown list and enter in your phone number. Use the number of your landline phone that you'll have with you when logging in to a Duo-protected application. Next, if applicable, enter in your extension.
2. Confirm that you entered your number correctly by checking the box; then, click **Continue**.



Add a new device

 **nvidia.**
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My device's phone number is...

United States

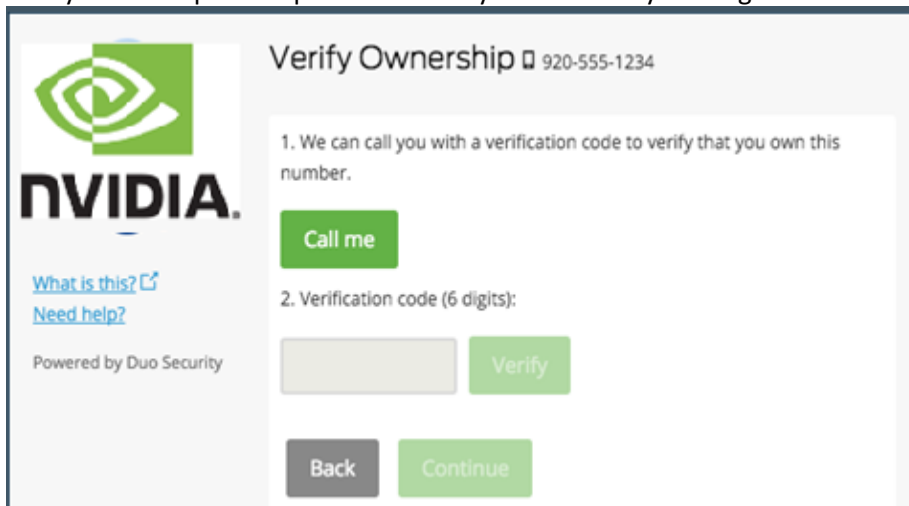
+1 9205551232 ✓
 ex: (201) 234-5678

Extension:


☒ (920) 555-1232 is the correct number.

[Back](#) [Continue](#)

3. Verify ownership of the phone number you entered by clicking **Call me**.



Verify Ownership 920-555-1234

 **nvidia.**
[What is this?](#) [Need help?](#)
 Powered by Duo Security

1. We can call you with a verification code to verify that you own this number.

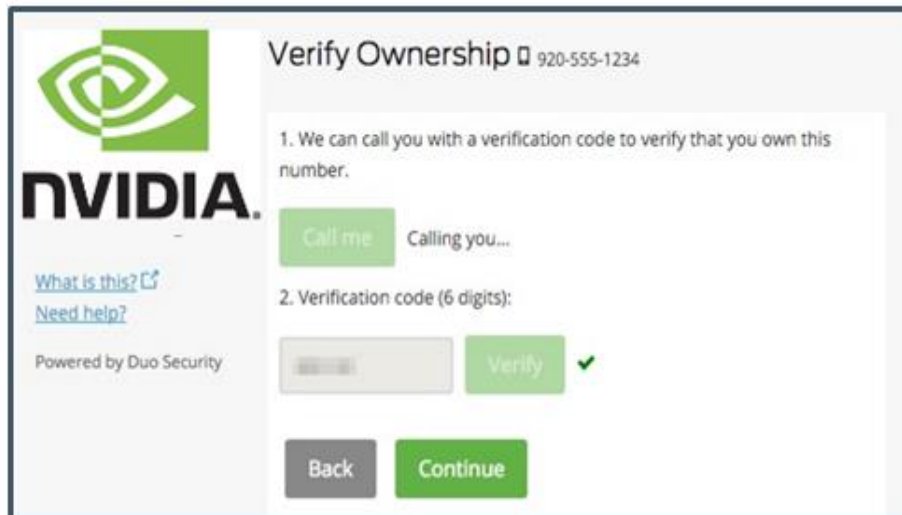
[Call me](#)

2. Verification code (6 digits):

[Verify](#)

[Back](#) [Continue](#)

4. Duo will call you and provide a 6-digit verification code. Enter in the verification code and click **Verify**.
5. After verifying your phone number, click **Continue**.



6. **Recommended Feature** - If this is the device you'll use most often with Duo then you have to choose option **"When I Log in: Automatically call this device"** from Drop-down.

With this option set, Duo automatically calls your phone to authenticate once you log in to a protected application, saving you time during the authentication process.



7. Congratulations!!! Your landline phone is ready to approve Duo authentication requests

Note: Yubikey and DigiPass token Enrolment will be only done by IT Admins.

Connecting to NVIDIA's Corporate Gateways

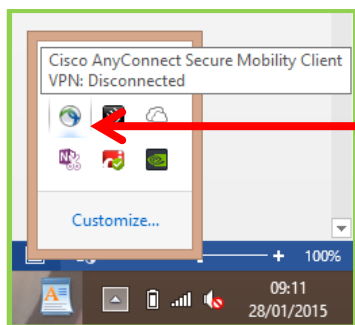
Note: A full list of corporate gateways is available here: <http://ngvpn.nvidia.com>

- It is recommended that you connect to the gateway nearest to you or to the regional Data Center.

Step 1: Launching the client:

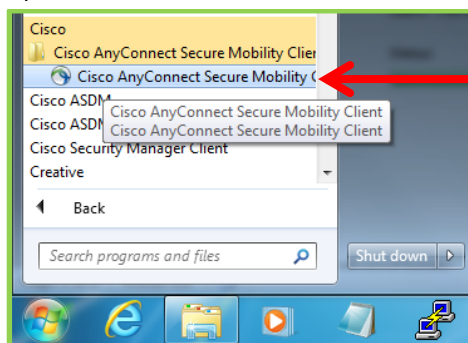
- a) Go to System Tray > locate the Cisco Tray Icon > Click Cisco AnyConnect Secure Mobility Client and launch the client application **"Cisco AnyConnect Secure Mobility Client"**.
- Or
- b) Go to Start > All Programs > Cisco > Cisco AnyConnect Secure Mobility Client and launch the client application **"Cisco AnyConnect Secure Mobility Client"**.

a)



Click to launch:
"Cisco AnyConnect Secure Mobility Client"

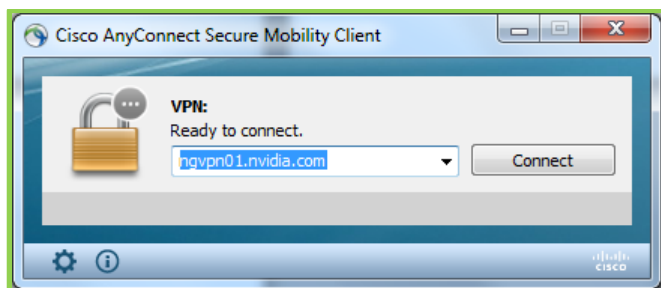
b)



Click to launch:
"Cisco AnyConnect Secure Mobility Client"

Note: If your system is provided by Nvidia and your Java installation is up to date and functioning, you can connect directly to a gateway and Cisco AnyConnect will install automatically.
example: <https://nvgate01.nvidia.com>

Step 2: Type the address of the server, in this example "ngvpn01.nvidia.com" Santa Clara gateway.
Click "Connect" to continue.

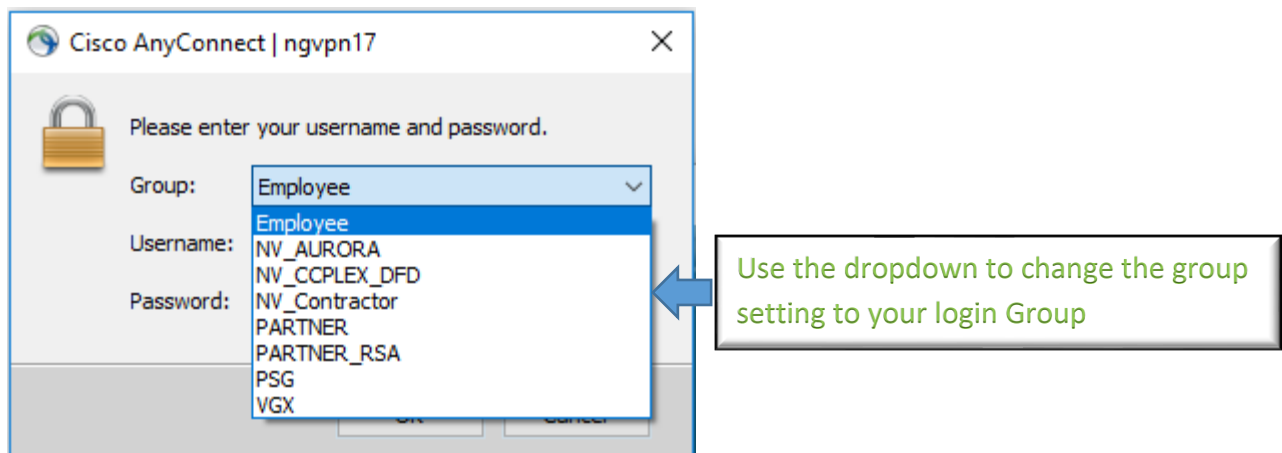


Note: China Employees please **ONLY** connect using below gateways

Hong Kong (CN) - ngvpn30.nvidia.com, Beijing (CN) - ngvpn31.nvidia.com, Shanghai(CN) - ngvpn32.nvidia.com, Shenzhen(CN) - ngvpn33.nvidia.com

Step 3: Extend the "Group" selection by selecting the down arrow. Select the appropriate Group for your login.

For Employee "Employee" and Contractors "NV_Contractor"



Note: China Employees connecting to Hong Kong Gateway (ngvpn30.nvidia.com) kindly use “Employee_China” group however while using any other China Gateways (NGVPN31/32/33) kindly use “Employee” group.

Step 4:

Supply your login credentials...

Duo uses “NVIDIA Domain/AD/Login Password” for first level authentication.

Username: <AD Username>

Password: <AD Password>

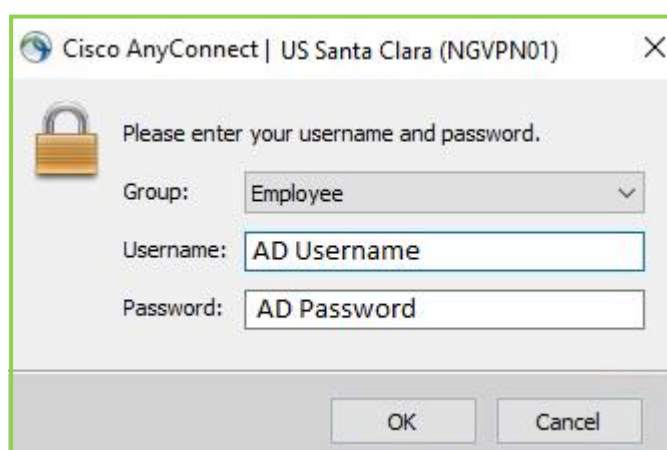
Below are the different authentication methods can be used for Duo authentication

a) **Push Notification (NVIDIA IT Recommended):**

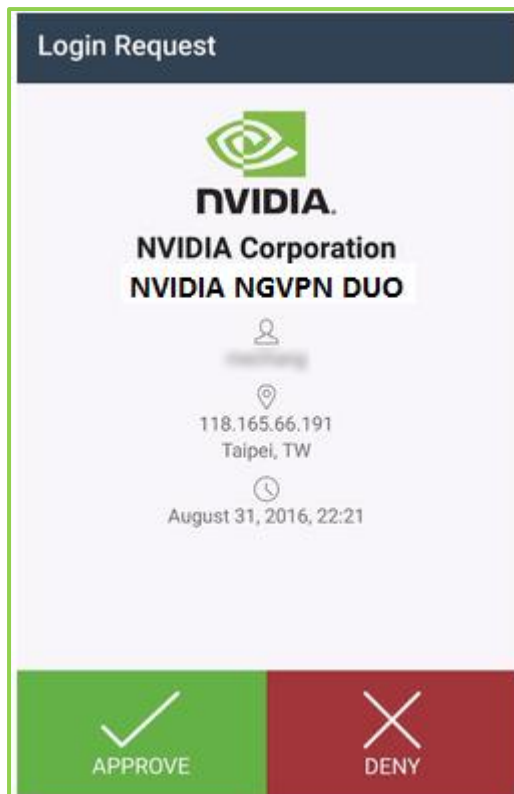
Duo Push notification will require Internet connectivity (Mobile Data or Wi-Fi). You can check below video

https://www.youtube.com/watch?v=ivN_DiXlW7o

Contractors and Employees: Username: <AD Username> Password: <AD Password>. Click “OK” to continue.

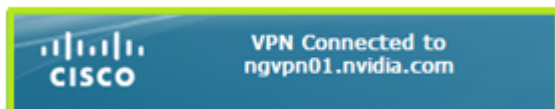


Kindly check your Mobile phone having Duo Mobile installed to “Approve” the Duo Notification.



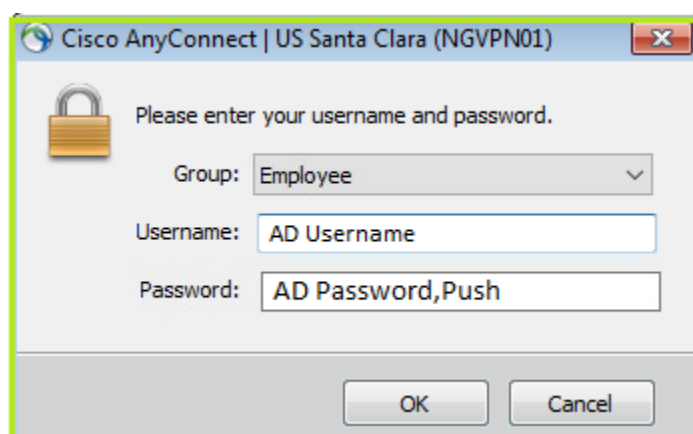
NOTE: For first use please keep your Duo Mobile app opened on your Phone to quickly “**Approve**” the authentication event (default authentication timeout is **12** seconds) once authenticated AnyConnect client will download the setting of **60** seconds’ authentication time-out.

You should be connected to the VPN.

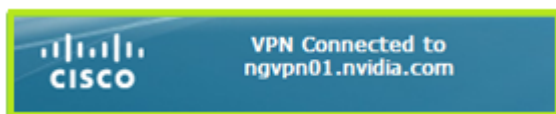


Note: Users in China with Android device will require to use Pull to refresh to get Duo notification in Duo Mobile App (Reference Link: https://duo.com/docs/whats_new_in_duo_mobile#pull-to-refresh). If you haven't sent Default Authentication Method

Please use "**Password,Push**" (no space after comma) for login to VPN.



Click “OK” to continue. You should be connected to the VPN.



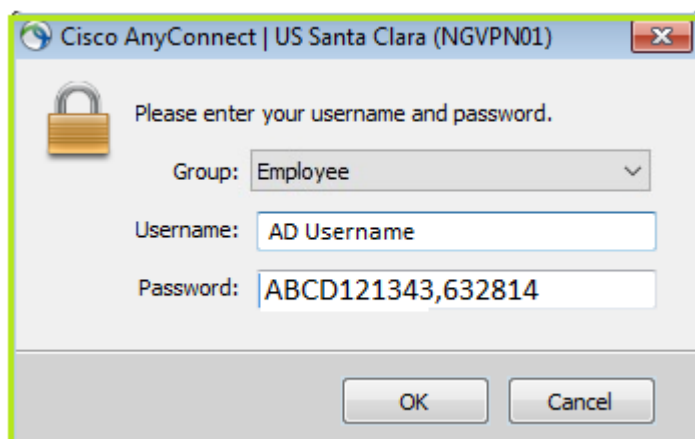
b) **Passcode:**

You can generate a passcode from Duo Mobile app (no internet connectivity required) for login to the VPN. Open your Duo mobile app and click on the **KEY** symbol to generate the passcode.

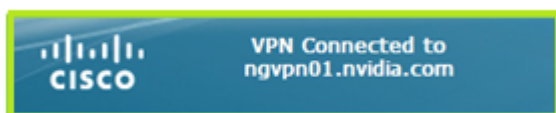


Note: Please use "**Password,Passcode**" for login to VPN. If your Windows/AD password is ABCD1234 then you should use "**ABCD1234,632814**" (no space between comma and passcode) in Cisco VPN.

Passcode method can be used for first time login to Cisco AnyConnect VPN client as authentication timeout won't affect the passcode login (we are providing Password+Passcode same time).



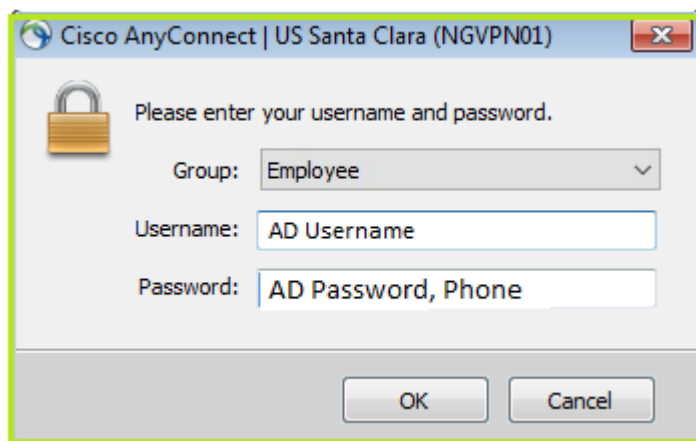
Click “OK” to continue. You should be connected to the VPN.



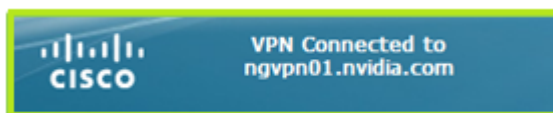
c) **Phone Call:**

You will phone call on your registered mobile device phone number or landline number. You will receive the call and press any key on the authenticate (kindly listen to IVR).

“**Use AD Password,Phone**” (no space between comma and Phone)

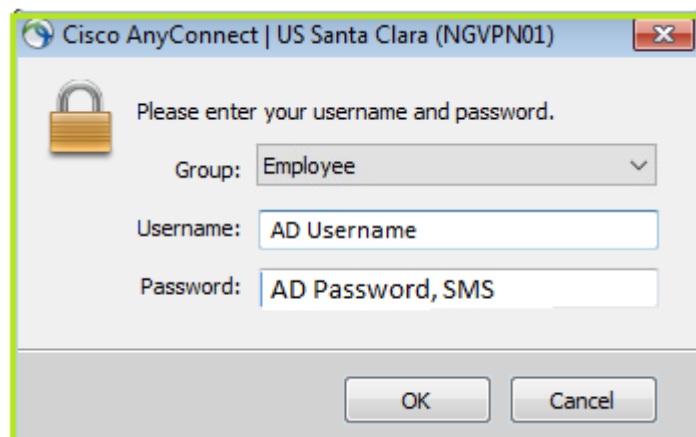


Note: Please don't type actual phone number in place of Phone. Click "OK" to continue. You should be connected to the VPN.



d) **SMS:**

Duo will send you set of multiple passcodes over SMS and you can anyone of the code for login to VPN.

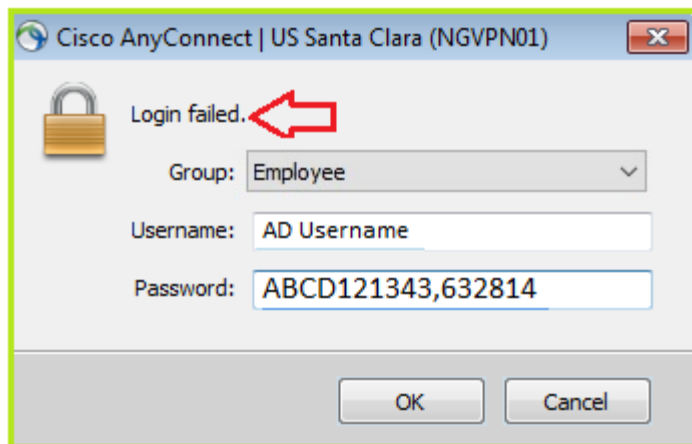


You will receive set of passcodes on your registered phone number and you can any of the code for authentication.

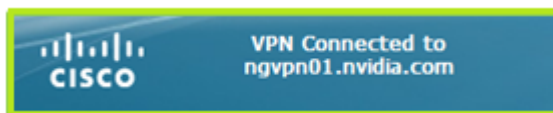
Cisco AnyConnect will show you login failed message. Enter the passcode received on the SMS along with AD Password.

"AD Password,SMS Passcode" (no space between comma and passcode)

Check below snap as example where "ABCD121343" is AD Password (Windows Password) and "632814" is the passcode received on SMS.

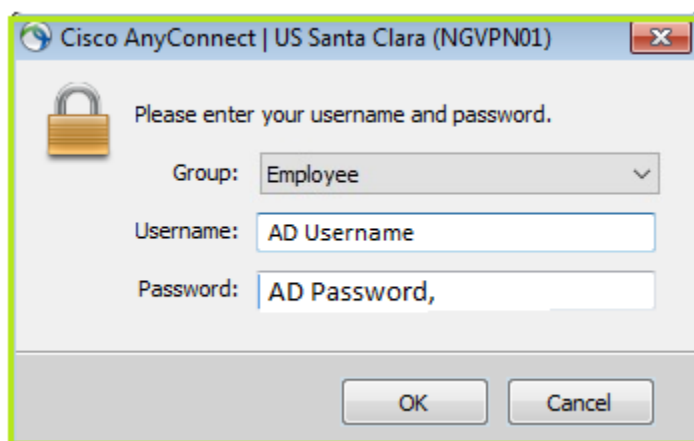


Note: SMS authentication is not reliable service for India Users because of regulatory reasons. Click "OK" to continue. You should be connected to the VPN.



e) Yubikey Token

For authenticating using Yubikey Token Username: <AD Username> Password: <AD Password,>



Then touch (around 3to 5 seconds) the Yubico token check below snap for reference



You will a long string (passcode) automatically added after touching the Yubikey for 3-5 seconds.

Please enter your username and password.

Group: Employee

Username: AD Username

Password: ::::::::::::::::::::::::::::::::::

OK Cancel

You should be connected to the VPN.

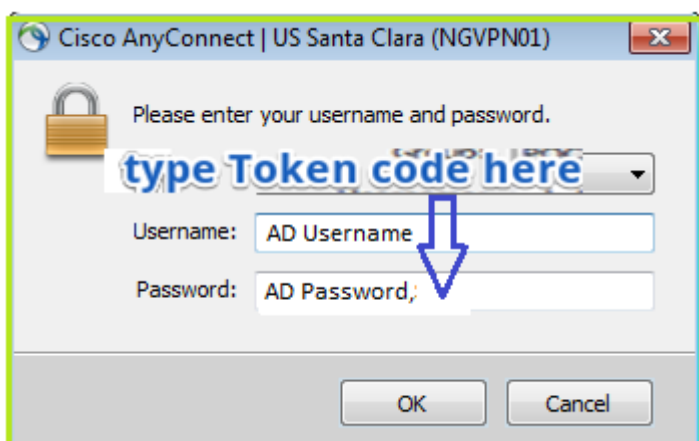


f) DigiPass Token

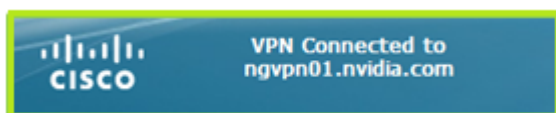
To authenticate using a DigiPass token, Press the button on your DigiPass token to generate a new Token code.



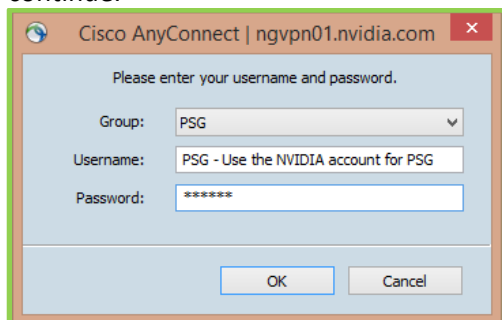
Enter **Password**, and type the displayed Token code (“**Password,Passcode**” no space after comma).



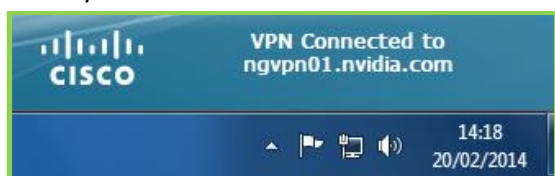
Click “**OK**” to continue. You should be connected to the VPN.



PSG users: Username: <AD username> Password: <AD Password> supplied by NVIDIA. Click “**OK**” to continue.



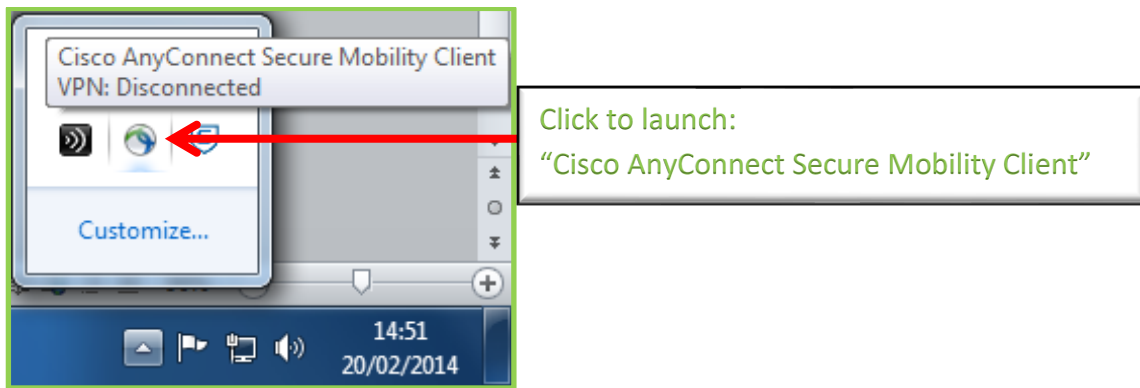
Step 5: On first logon the gateway will push the profile setting and install the posture module on the local system. This is a “**one-time**” installation and will not be repeated on subsequent logins.



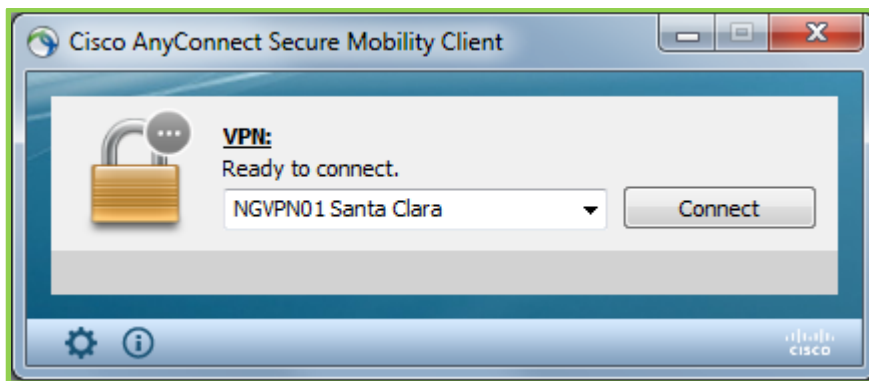
Congratulations! You have successfully connected to NGVPN.

Reconnecting to the Gateway

Step 1: The AnyConnect application is in the windows system tray. Click to launch.



Step 2: You will see the new profile has self-populated the address field. Click "**Connect**" and login as described above.



END.

MAC OSX installation

Client installation steps

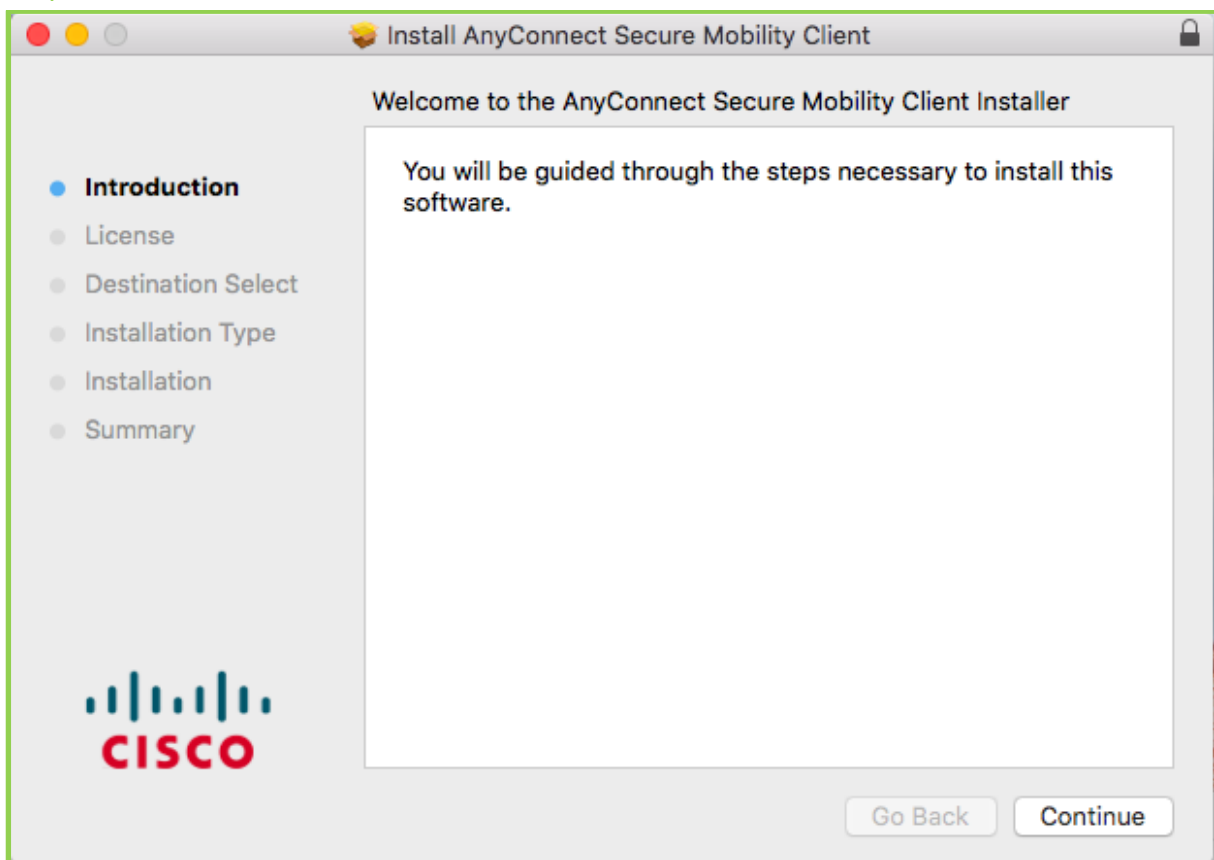
Step 1: Navigate to the client installation file macosx-3.1.13015.dmg downloaded above (note the filename will change without notification to the latest available client). Move the file to your desktop then Double click to start the client installation.



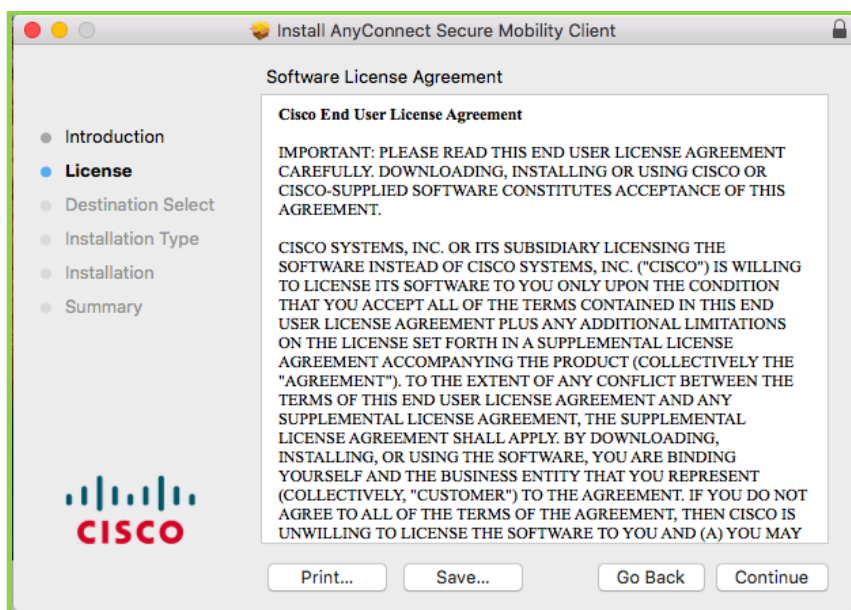
Step 2: Double Click "**AnyConnect**" to start the client installation.



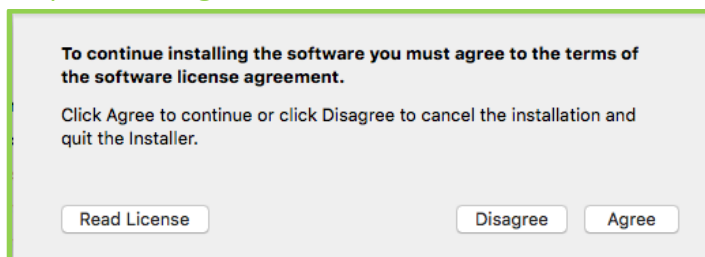
Step 3: Click “Continue” to start the installation.



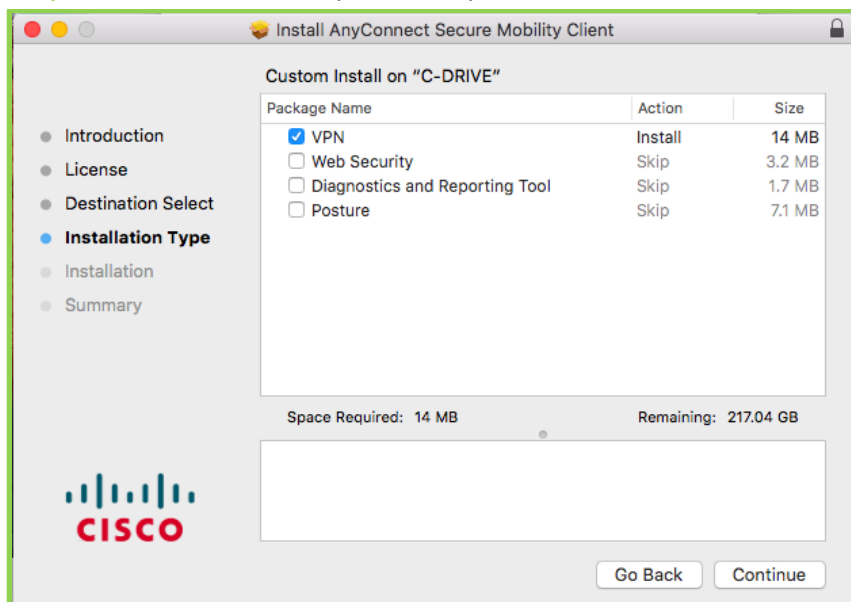
Step 4: Click “Continue” then accept the license agreement.



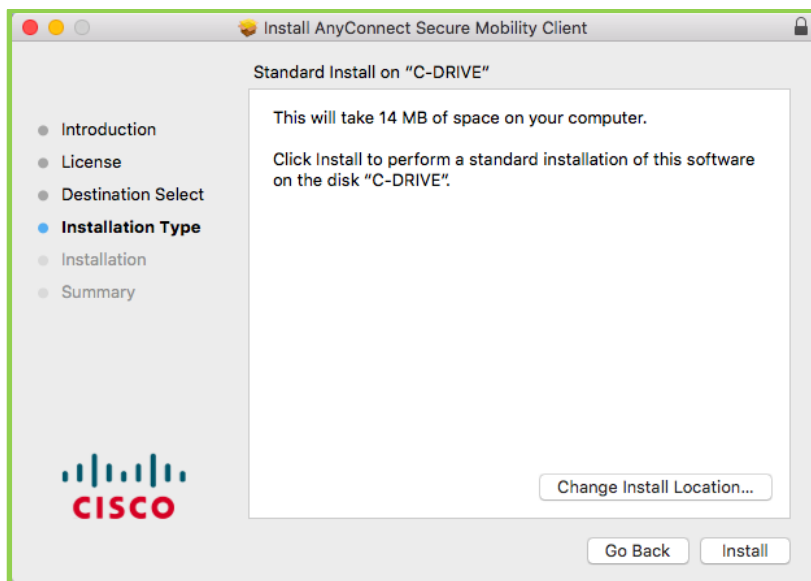
Step 5: Click "Agree" to continue.



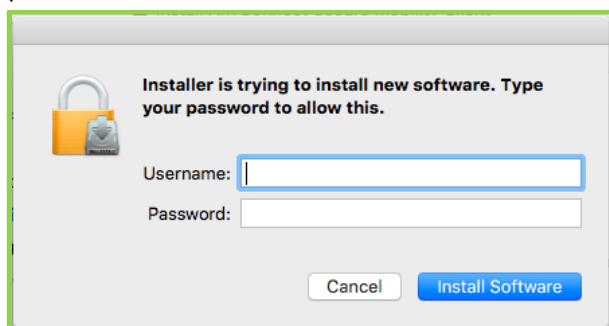
Step 6: Uncheck all other options. Only the VPN client is to be installed, then click "Continue".



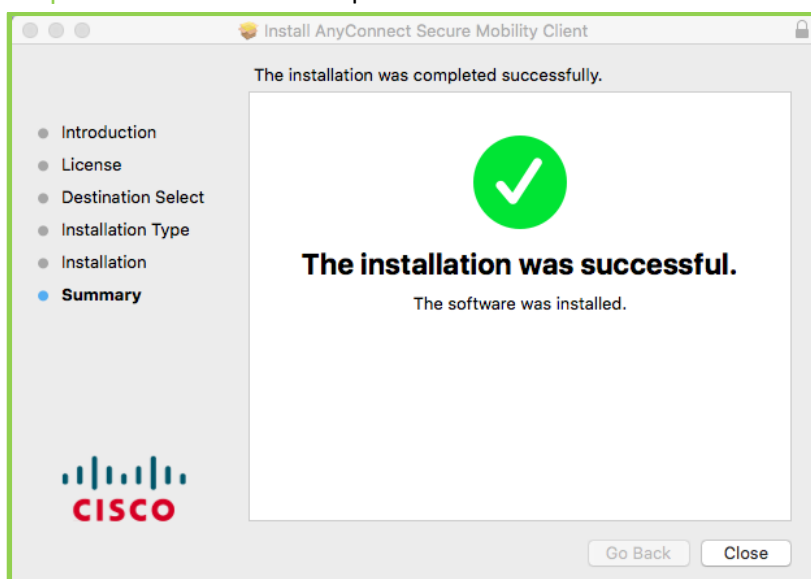
Step 7: Click "Install" to continue.



Step 8: If prompted you will need to enter your local username and password to allow the install to proceed. Enter the credentials then click **"Install Software"**.



Step 9: Click **"Close"** to complete the installation.



Connecting to NVIDIA's Corporate Gateways

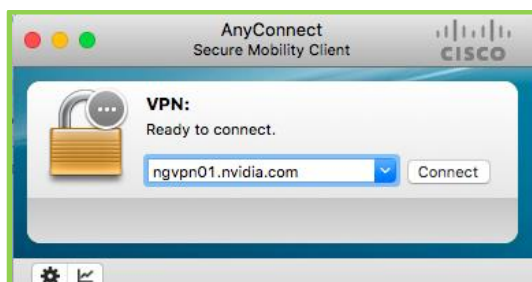
Note: A full list of corporate gateways is available here: <http://ngvpn.nvidia.com>

- It is recommended that you connect to the gateway nearest to you or to the regional Data Center.

Step 1: Navigate to your application folders > Cisco > then launch the AnyConnect client by double clicking the icon.

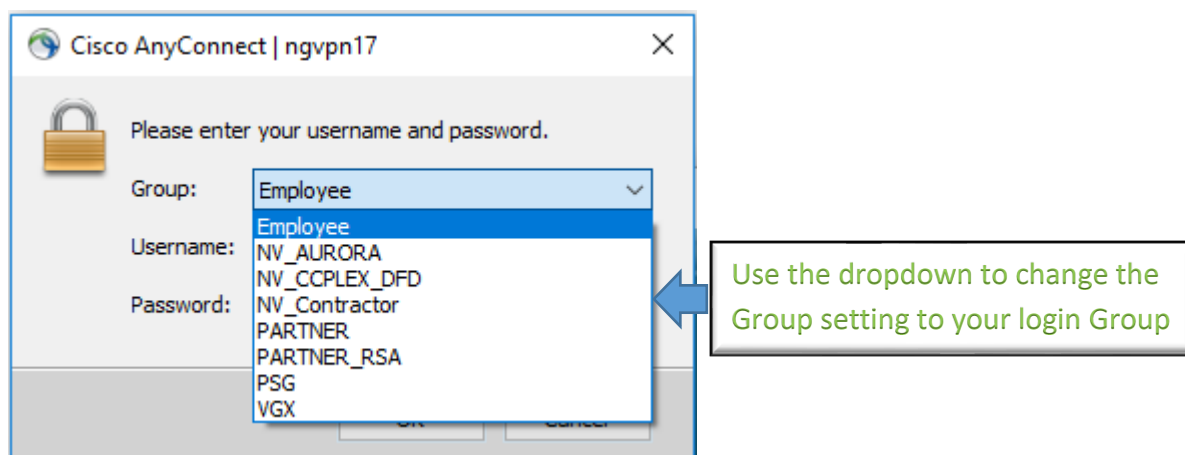


Step 2: Type the address of the server, in this example “ngvpn01.nvidia.com” Santa Clara gateway. Click “Connect” to continue.



Step 3: Extend the “Group” selection by selecting the down arrow. Select the appropriate Group for your login.

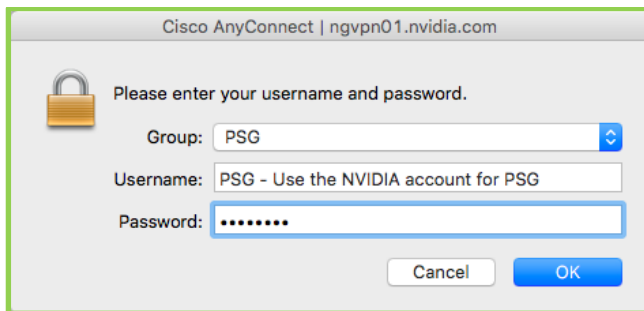
“Employee” for Employees and “NV_Contractor” for Contractors



Step 4:

Kindly refer the Step4 from Windows OS Procedure.

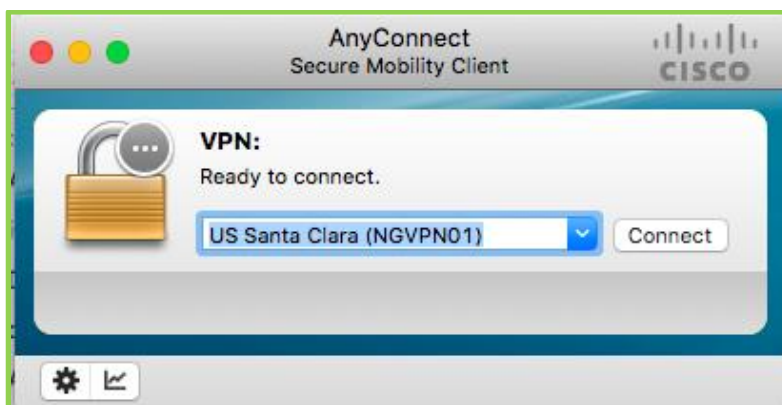
PSG users: Username: <AD username> Password: <AD Password> supplied by NVIDIA. Click “OK” to continue.



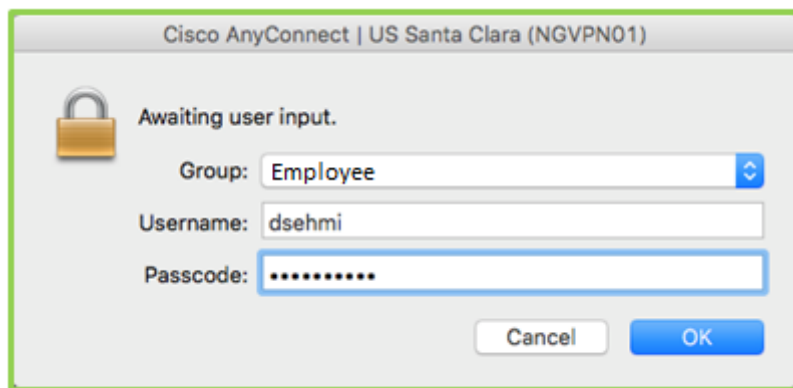
Congratulations! You have successfully connected to NGVPN.

Reconnecting to the Gateway

Step 1: Launch the AnyConnect client by navigating to Application > Cisco and then double-clicking Cisco AnyConnect Secure Mobility Client. You will see the new profile has self-populated the address field. Click “Connect” and login as described above.



Step 2: Enter your login credentials. Then click “OK”.

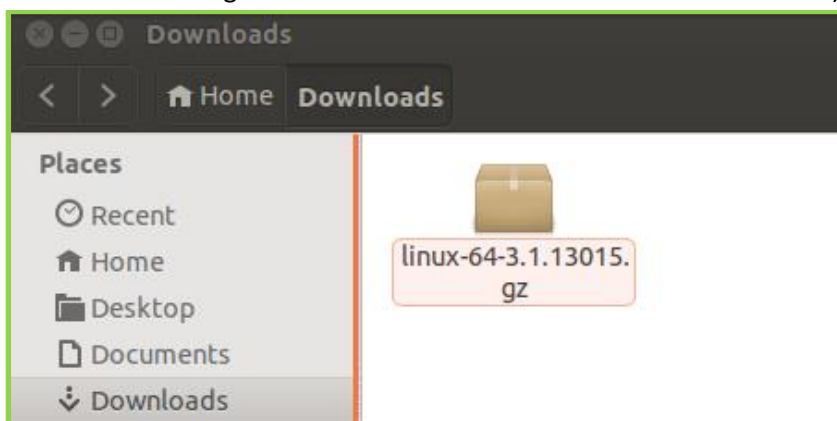


END.

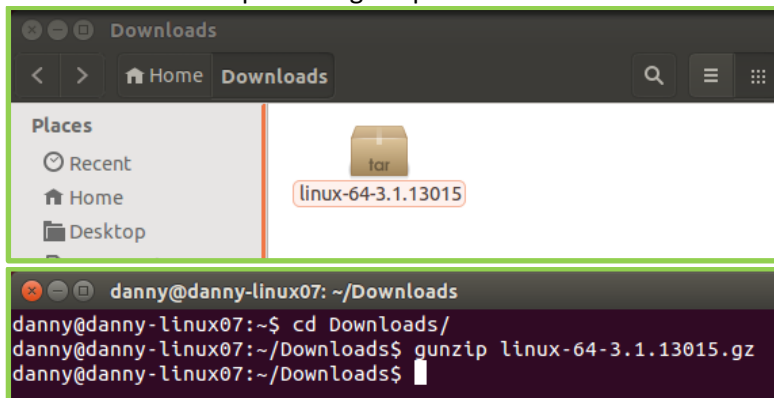
Linux installation

Client installation steps

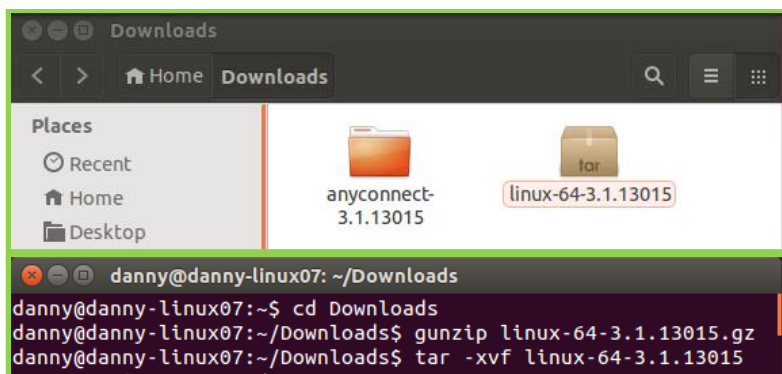
Step 1: Navigate to the client installation file linux-64-3.1.13015.gz downloaded above (note the filename will change without notification to the latest available client).



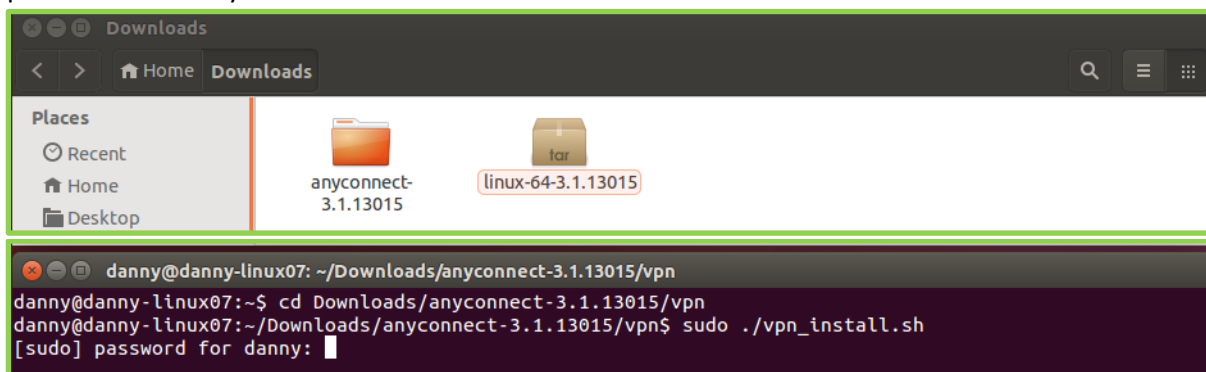
Step 2: Unpack the gunzip file by opening a terminal window. Change directory to the location of the file and then unpack the gunzip file as shown below. You will now see a tar file.



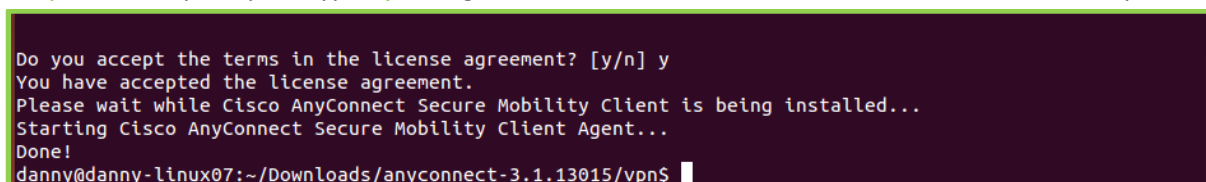
Step 3: Unpack the tar file by typing the commands in a terminal window as shown below. You will see a new folder appear anyconnect-3.1.13015 in this case.



Step 4: Using the terminal navigate to the new folder (**anyconnect-3.1.13015**) which was extracted in the step above. Then type: **"sudo ./vpn_install.sh"** When requested enter the sudo password for the system.



Step 5: When prompted type **"y"** to agree to the license terms. The installation will then complete.

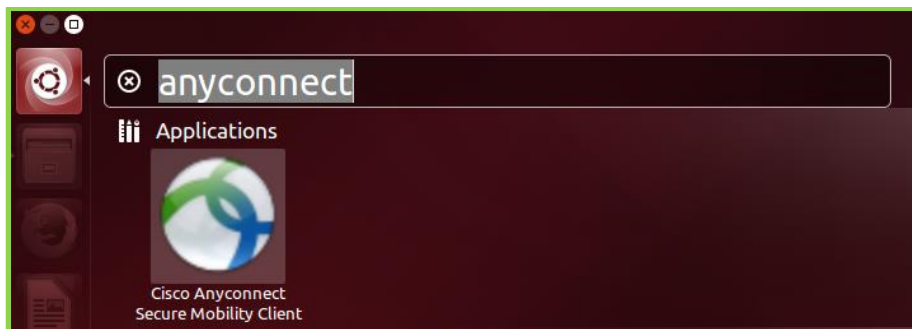


Connecting to NVIDIA's Corporate Gateways

Note: A full list of corporate gateways is available here: <https://ngvpn.nvidia.com>

- It is recommended that you connect to the gateway nearest to you or to the regional Data Center

Step 1: To launch the client go to search and type **"AnyConnect"**.



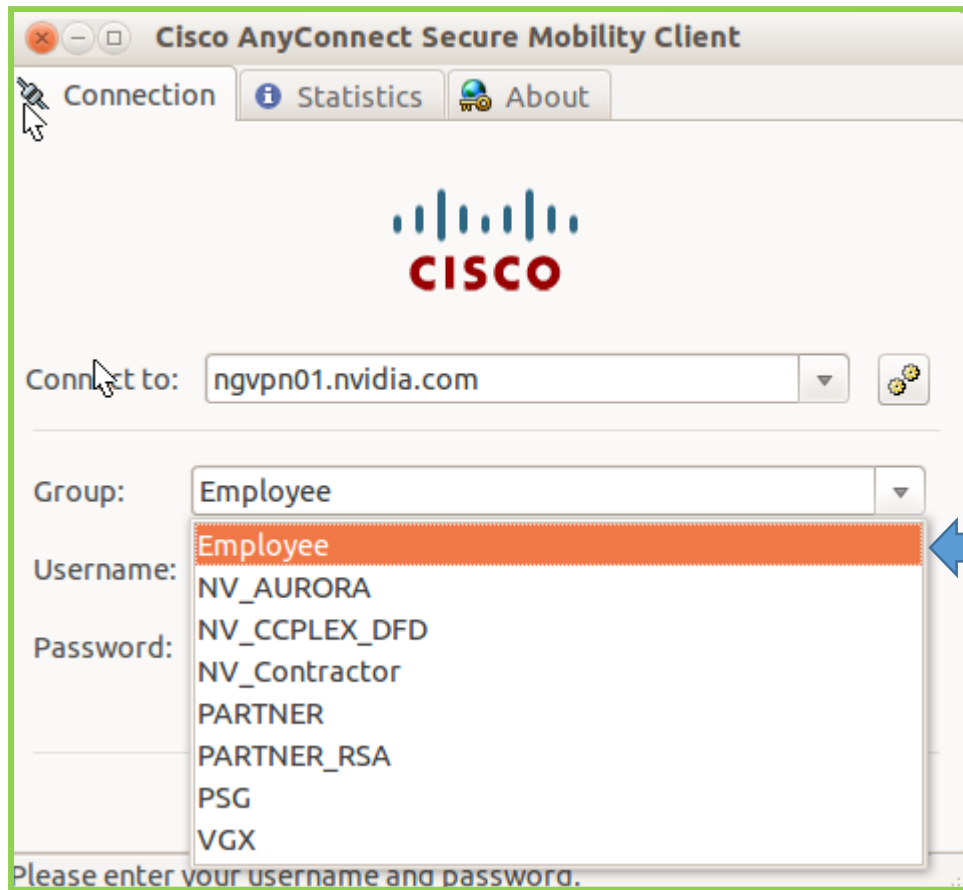
Step 2: Type the address of the server, in this example “ngvpn01.nvidia.com” Santa Clara gateway. Click “**Connect**” to continue.

(Full list of gateways is available here: <https://ngvpn.nvidia.com>)



Step 3: Extend the “**Group**” selection by selecting the down arrow. Select the appropriate Group for your login.

“**Employee**” for Employees and “**NV_Contractor**” for Contractors



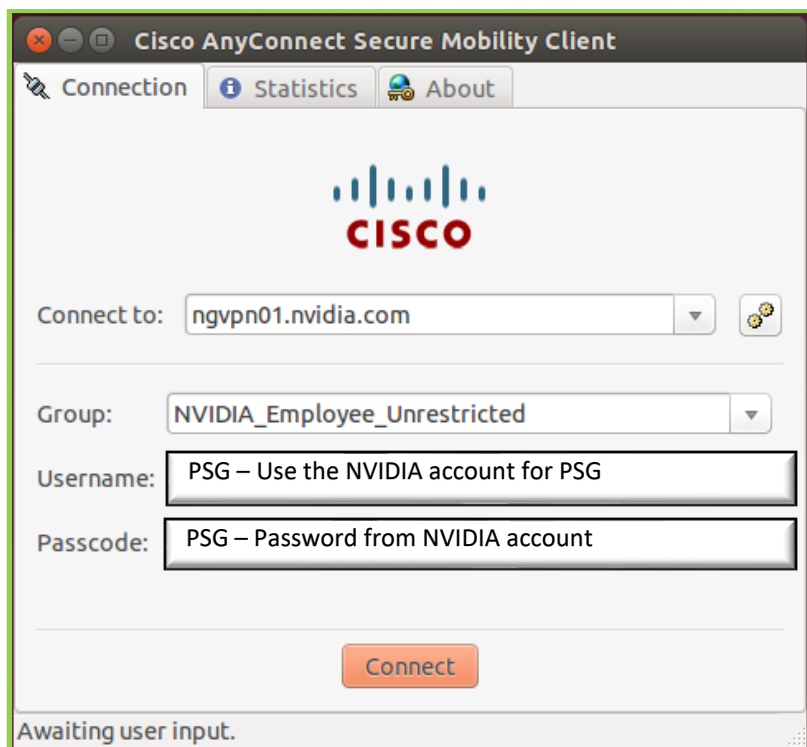
Use the dropdown to change the Group setting to your login Group

Step 4:

Kindly refer the [Step4 from Windows OS Procedure](#) or watch below video for Duo Push procedure:

<https://www.youtube.com/watch?v=4MfeDTC-2A4>

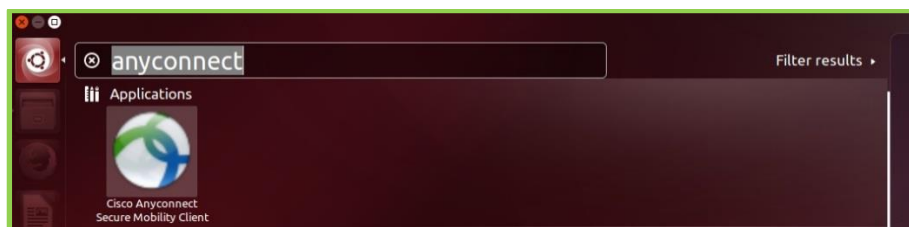
PSG users: Username: <AD username> Password: <AD Password> supplied by NVIDIA. Click "Connect" to continue.



Congratulations! You have successfully connected to NGVPN.

Reconnecting to the Gateway

Step 1: To launch the client go to search and type "AnyConnect".



Step 2: You will see the new profile has self-populated the address field. Click "Connect" and login as described above.



END.

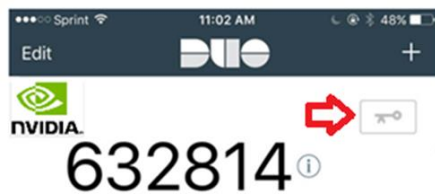
Duo Device Management Portal

For new device enrolment and managing enrolled devices users can login to Device Management Portal using URL <https://duo.nvidia.com> from Outside NVIDIA network.

If you have already completed the Device Enrolment process you will be challenged for 2 Factor authentications. Available options will be

Call Me: Choose Call Me method to get Phone call on registered mobile number. Pick-up a phone call and IVR will instruct to press any key for authentication. Once authenticated you can manage enrolled devices or add new device.

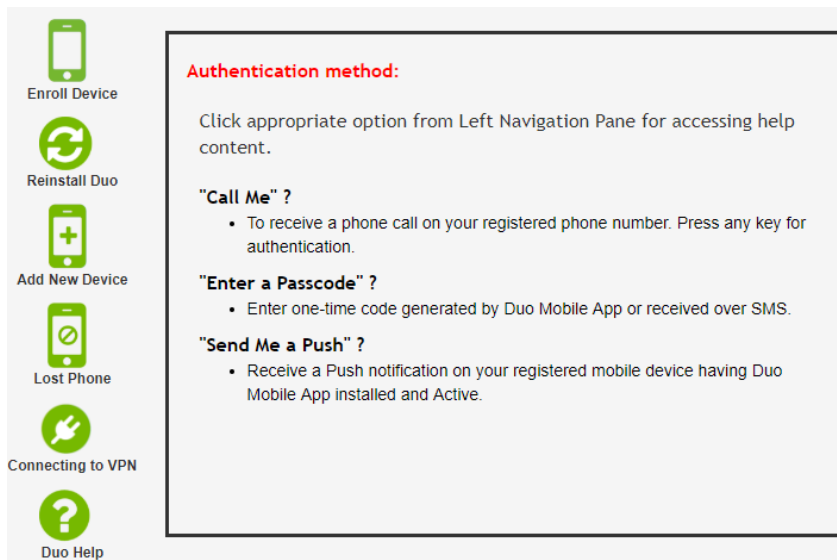
Passcode: Choose Passcode authentication to use the passcode generated in Duo Mobile app or passcode received over SMS for authentication. Check below image to check the passcode from Duo Mobile App. For receiving passcode over SMS, Click “[Text me new codes](#)” and once you will receive the batch of passcodes use anyone passcode to authenticate in Device management portal (old sms passcodes will get expired once you receive new batch of sms passcodes).



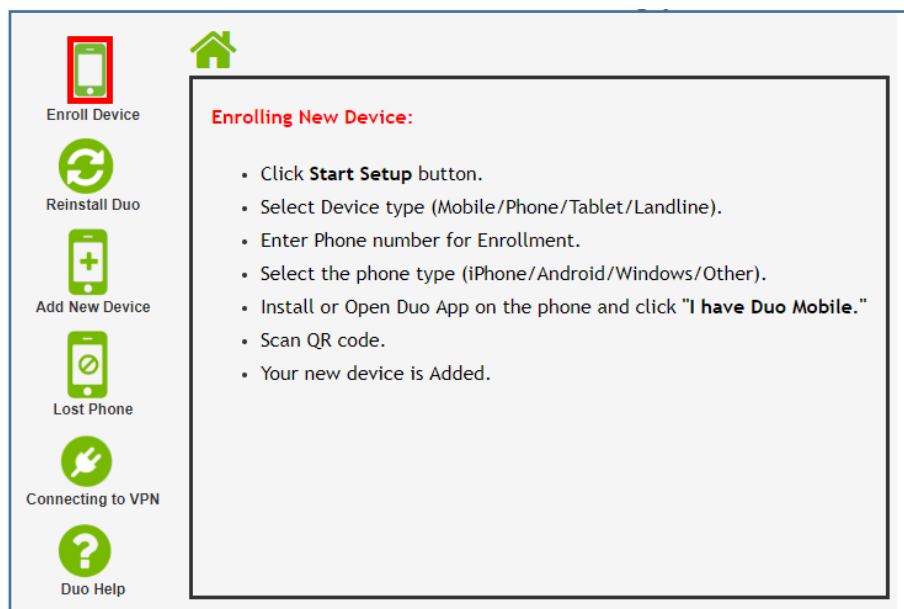
Duo Push: Choose Duo Push authentication method to receive Push Notification on your mobile device (China Android users kindly use [Pull to Refresh](#) or if you are unable to see Duo Push notification please try the Pull option).

Click on Navigation Icons on the left to view required content on Help frame.

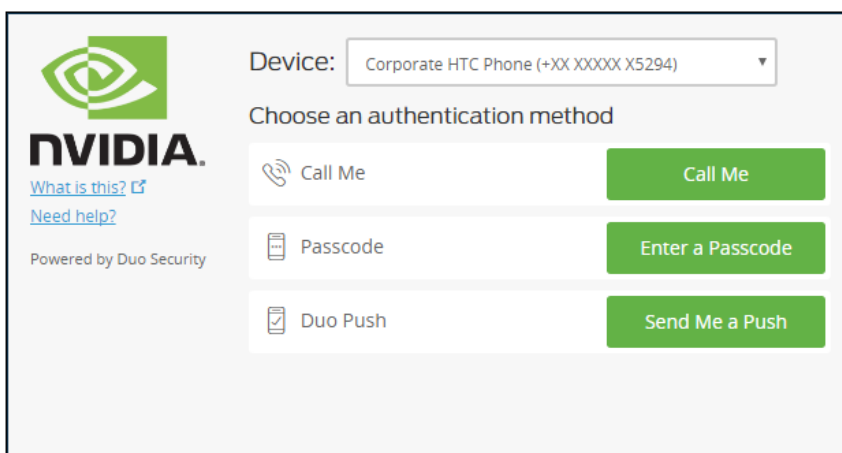




Note: If you already completed Device Enrollment then by portal will load **"Authentication method"** help frame. For New user's portal will load **"Enrolling New Device"** Help Frame.

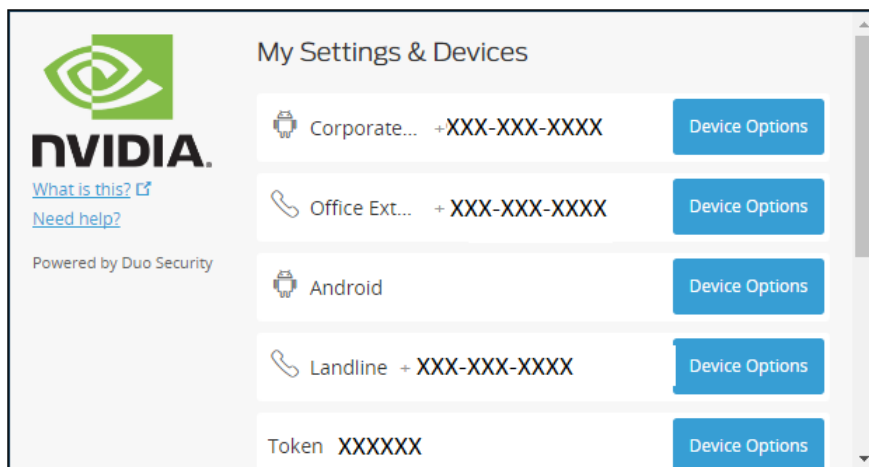


Welcome Prasad Kuber,

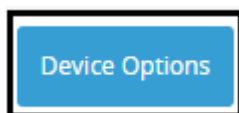


Note: If you want re-activate Duo Mobile app please use Call Me or Passcode (SMS passcode) for authentication.

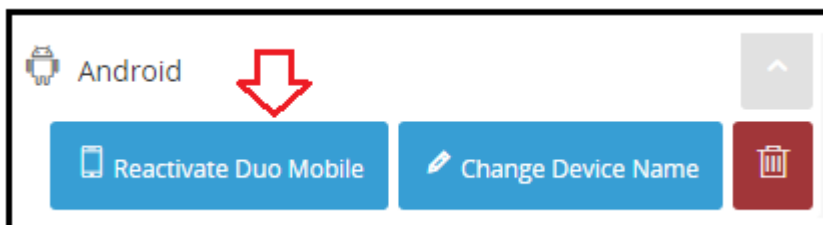
Once logged in to the Device Management portal you can view the authentication devices added.



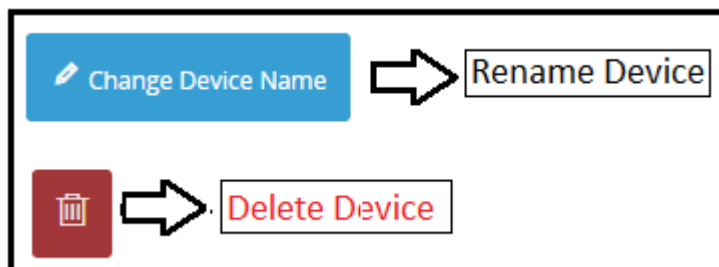
For activating Duo Mobile App please click on the Device Options



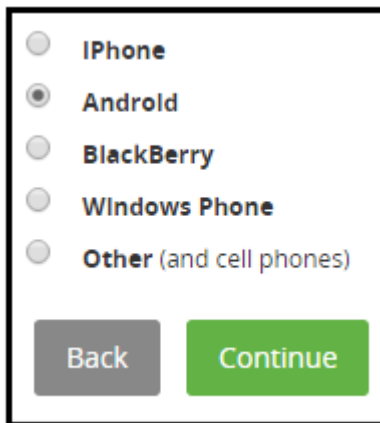
Then click on “**Reactivate Duo Mobile**”



Note: You can also change the “**Device name**” or “**Delete**” the device by selecting appropriate option.

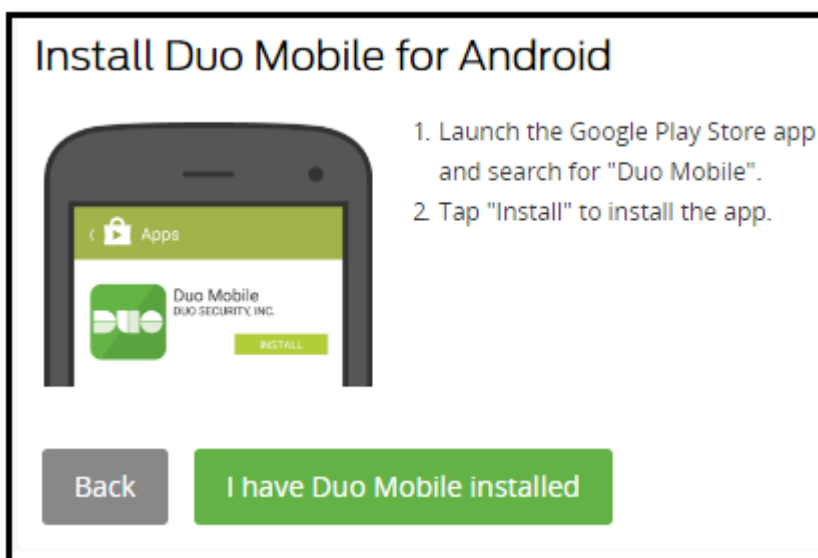


Select the type of mobile device and click “**Continue**”



A screenshot of a web form for selecting a mobile operating system. It features five radio button options: iPhone, Android (which is selected), BlackBerry, Windows Phone, and Other (and cell phones). Below the options are two buttons: a grey 'Back' button and a green 'Continue' button.

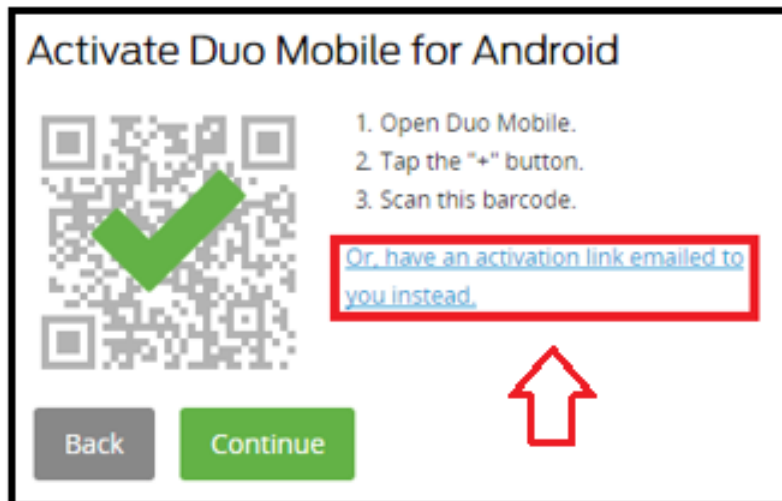
Install Duo Mobile on your phone and click on “[I have Duo Mobile installed](#)”.



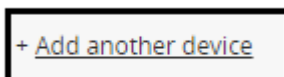
A screenshot of a web page titled 'Install Duo Mobile for Android'. On the left, there is an illustration of a smartphone displaying the Duo Mobile app in the Google Play Store, with an 'INSTALL' button visible. To the right of the illustration, there are two numbered steps: '1. Launch the Google Play Store app and search for "Duo Mobile".' and '2. Tap "Install" to install the app.' At the bottom of the page are two buttons: a grey 'Back' button and a green 'I have Duo Mobile installed' button.

Activate Duo Mobile by scanning the barcode on the web browser using the app’s built-in barcode scanner via your smartphone’s camera. When you successfully scan the barcode, a green checkmark will appear.

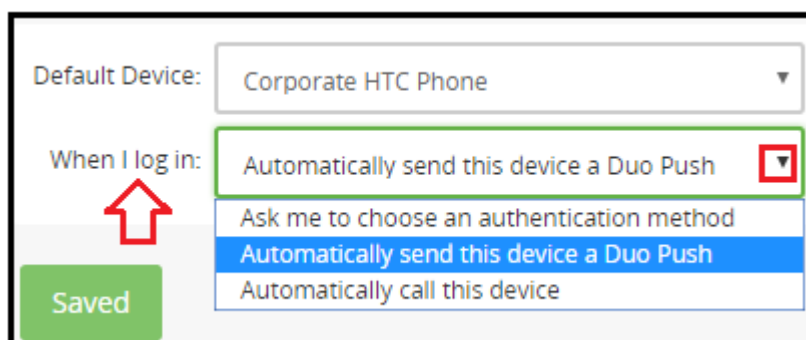
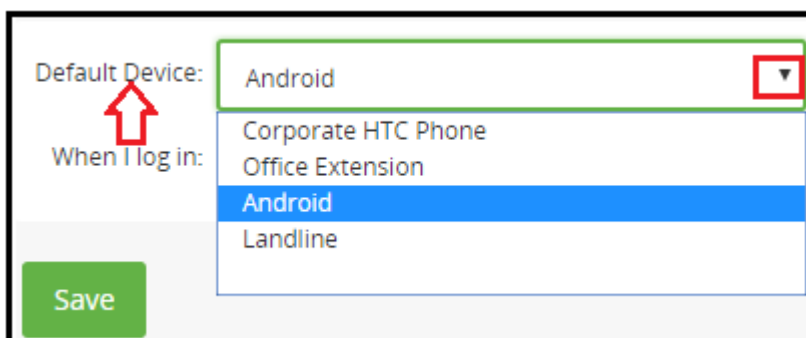
Note: Having trouble scanning the barcode? Click on link “[Or, have an activation link emailed to you instead.](#)”, Duo will send you an activation link on email.



For adding additional device for Duo authentication. Click "Add another device"



You can also change the "Default Device" or "Log In" option, check snaps below



Note: Cisco AnyConnect will send Duo Push if you have added any Push Capable device (Phone/Tablet) or device having Duo Mobile App configured to receive Duo Push. In case if you added device without installing Duo Mobile App (Landline/Cell Phone) then you will get Phone Call automatically. For getting phone call while login to VPN enter "Password,Phone"(no space after

comma). If the option set to “Ask me to choose an authentication method” you will need to enter “Password,Push” (no space after comma) everytime while signing in to Cisco AnyConnect.

FAQ's

What is **Duo**?

Duo Security is a two-step verification service that provides additional security for access to institutional data, servers, applications, and personal data. Duo combines modern two-factor authentication with advanced endpoint security solutions to protect users from account takeovers and data breaches during VPN connections.

Why two-factor **authentication**?

[Two-factor authentication](#) strengthens your login security by requiring two methods, or factors, to verify your identity. By adding a second layer of security, your account is secure even if your password is compromised. With Duo, you'll be alerted right away (on your phone) if someone is trying to Connect to VPN as you.

This second factor of authentication is separate and independent from your username and password – **Duo never sees your password.**

The factors may include:

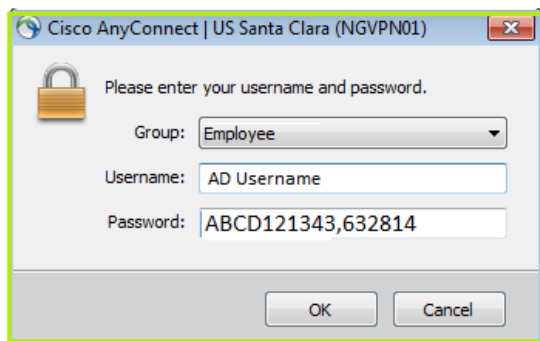
- **Push Notifications** – a mobile *push* notification and *one-button verification* of identity to a smartphone (requires the free Duo Mobile app)
- **Mobile Passcodes** – a one-time code generated on a smartphone
- **Phone Callbacks** – a telephone call which will prompt you to validate the login request
- **SMS Passcodes** – a one-time code generated by Duo and sent to a handset via SMS text messaging
- **Hardware Tokens (DigiPass, Yubikey)**

I can't use Duo Push for authentication as I don't have Wi-Fi or Mobile Data coverage for my phone (travelling in Plane or connected with USB Data card on my laptop)?

You can generate a passcode from Duo Mobile app for login to the VPN. Open your Duo mobile app and click on the **KEY** symbol to generate the passcode.



Note: Please use "**Password,Passcode**" for login to VPN. If my domain/windows password is ABCD1234 then I must use "**ABCD1234,632814**" (no space between comma and passcode) in Cisco VPN.



Duo provides software application for installing on Laptop/PC?

No. Duo is available **ONLY** for Mobile devices. Below are operating OS platforms:

Android

iOS

Windows

Blackberry

What if I don't get SMS for Authentication?

You can still use **Call** option for authentication.

Can I enrol multiple devices in Duo for authentication?

Yes, you can enrol multiple devices in Duo from Device Management Portal <http://nv/duo/> ([Portal Help](#)). Please contact service desk for further assistance.

Can I add Yubikey on Self-Service Portal?

Yubikey needs to be added as Hardware token from Duo Admin Console. Hence, only IT admins can assign Yubikey tokens.

I am not getting passcode via SMS

SMS is not reliable service for Duo Authentication for (India users) because of regulations. Kindly use **Call** or any other authentication method (Passcode/Duo Push) for authentication.

Are Microsoft tablets supported as authentication devices?

Using the Duo Mobile app on devices running Windows Phone is supported. Microsoft tablets that run a desktop operating system are not a supported second factor of authentication, just as Windows desktop workstations are not a supported authentication method.

Why do I have to press Confirm on the Android Duo Push dropdown notification?

Because the Approve and Deny buttons are immediately visible in the dropdown notification, we require you to press Confirm after choosing to approve. This is to prevent the accidental approval of a login request.

iOS devices don't require confirmation because you must first pull down on the notification to see the Approve button.

Is there a Duo Mobile app for Android smartwatches?

No, there is not a standalone Duo Mobile app for Android smartwatches, but you can approve authentication requests on your watch via the notification. After approving the authentication request, you will be asked to confirm.

I don't have a mobile device OR I do not want to use my mobile Device for Duo Authentication? What are my options?

IT Recommended authentication method will be **Duo Push**; however, if you don't want to use your Mobile device (only users without NVIDIA Corporate Mobile device or not opted for Mobile Device Stipend are eligible) OR you do not have a mobile device to use, your alternate options are either a **Tablet/Landline phone call or to request a Hardware token (Yubikey or Digipass)**.

Will Duo Mobile accounts be saved on my device if I delete the app?

Whether Duo Mobile accounts are retained or not depends on the device's operating system. On iOS, all accounts are retained in the device's secure keychain when you delete the app. This means both Duo-protected and third-party accounts will be available if you reinstall Duo Mobile. Accounts are only deleted when done so explicitly in the app. On Android and Windows Phone, all accounts are deleted when you delete the app.

Does Duo work in China?

While Duo Push and other features do work in China (on Apple Devices), the Google Play Store is not available on Android Devices, and SMS messages containing links are blocked. Users can get Duo App APK file from IT (**Path:** [\\mis1\apps\vpn\Duo](#)).

Users in China with Android device will require to use Pull to refresh to get Duo notification in Duo Mobile App (Reference Link: https://duo.com/docs/whats_new_in_duo_mobile#pull-to-refresh)

I am getting account locked out message while login using Duo?

Your account will get locked out if your authentication fails **30 times**. Your account status will revert to active automatically after **30 minutes**.

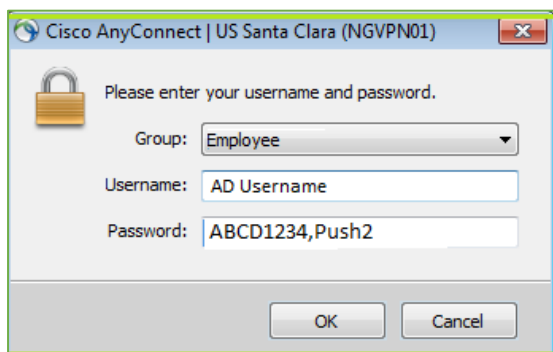
My NVIDIA Domain Password is expired?

Kindly call Servicedesk to reset your Domain Password.

How can get Duo Push or Phone call on my second device?

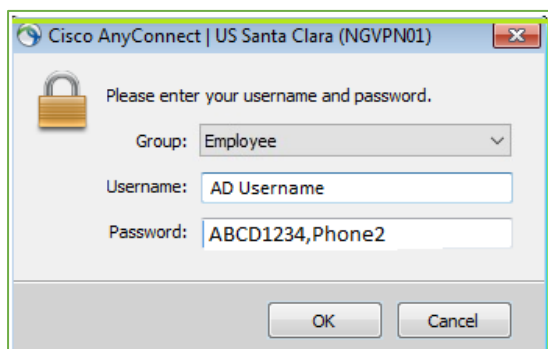
Please use below format in password option in Cisco AnyConnect for getting Duo Push on second device.

"Password,Push2" (no space between comma and Push2)

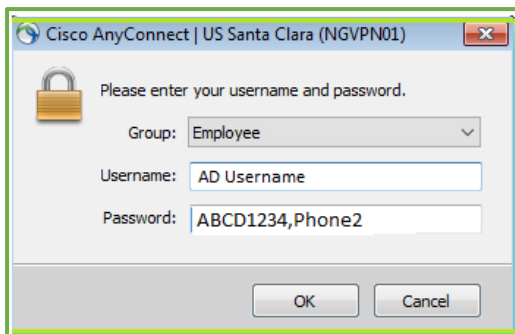


Please use below format in Cisco AnyConnect for getting Phone Call on second device

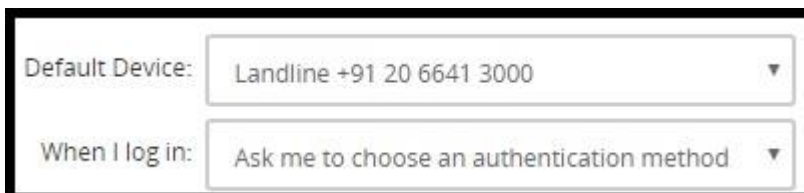
"Password,Phone2" (no space between comma and Phone2)



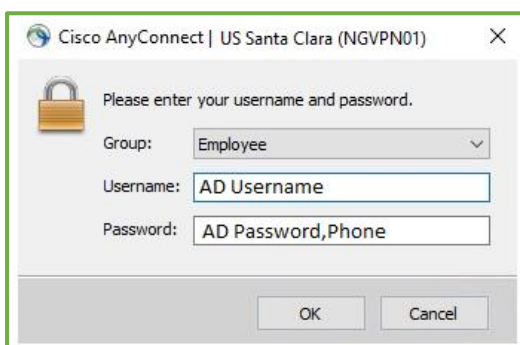
Note: For getting sms on your secondary device you can use **"Password,sms2"** (no space between comma and sms2)



I have set option to "**Automatically call this option**" however still getting Duo push instead of phone call while login to VPN using Cisco AnyConnect?

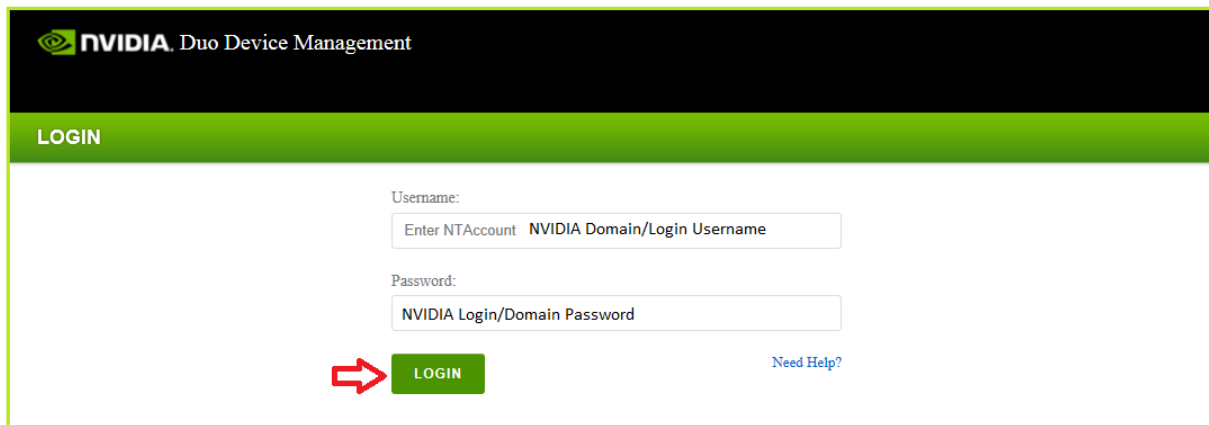


Cisco AnyConnect will send Duo Push if you have added any Push Capable device (Phone/Tablet) or device having Duo Mobile App configured to receive Duo Push. In case if you added device without installing Duo Mobile App (Landline/Cell Phone) then you will get Phone Call automatically. For getting phone call while login to VPN enter "**Password,Phone**"(no space after comma)



I have formatted my mobile how can I activate/register Duo Mobile App again?

Please login to Duo Device management portal URL: <https://duo.nvidia.com> and authenticate using your NVIDIA Username and Password.




NVIDIA Duo Device Management

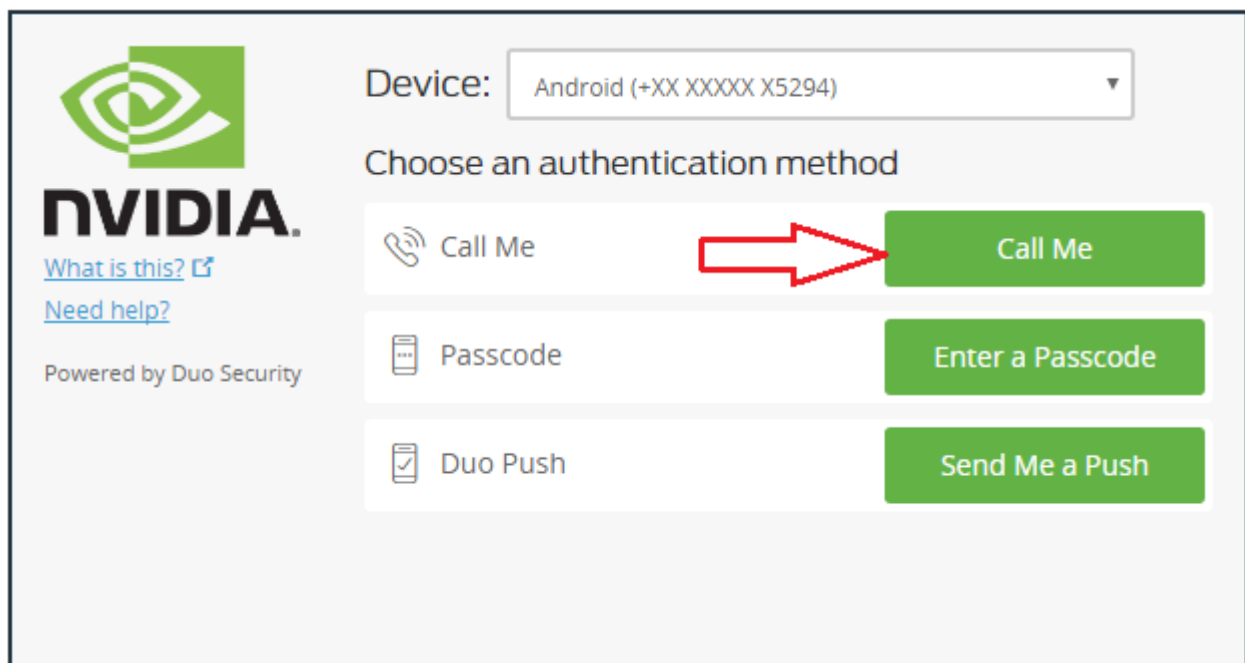
LOGIN



Username:

Password:

 **LOGIN** [Need Help?](#)





Once logged in please click on “**Call Me**” option and you receive a call on your registered mobile number. Kindly pick up the call and follow the IVR instructions (press any key to authenticate).



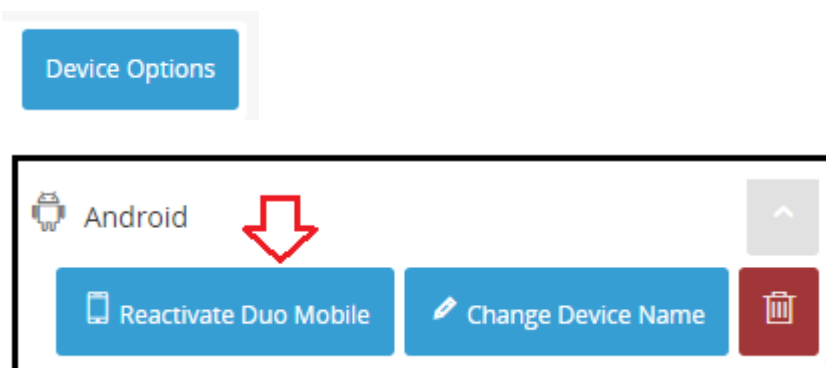

NVIDIA.
[What is this?](#) 
[Need help?](#)
 Powered by Duo Security

Device:



Choose an authentication method




 Call Me		Call Me
 Passcode		Enter a Passcode
 Duo Push		Send Me a Push

Click on “**Device Options**” and then click “Reactivate Duo Mobile”

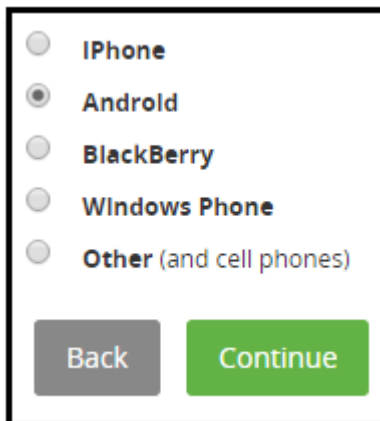


Device Options

 Android 

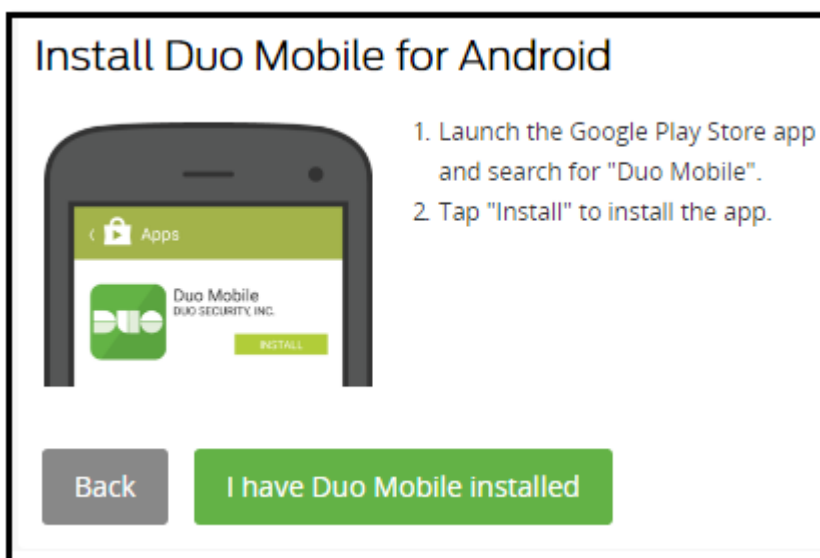
  

Select the type of mobile device and click “Continue”



A selection screen for mobile operating systems. It features five radio button options: iPhone, Android (selected), BlackBerry, Windows Phone, and Other (and cell phones). At the bottom, there are two buttons: a grey 'Back' button and a green 'Continue' button.

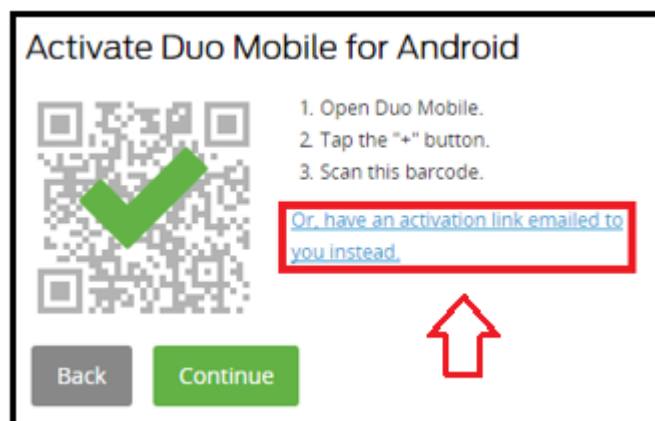
Install Duo Mobile on your phone and click on "I have Duo Mobile installed".



A screen titled "Install Duo Mobile for Android". On the left is a graphic of a smartphone displaying the Duo Mobile app in the Google Play Store. To the right of the graphic are two numbered instructions: "1. Launch the Google Play Store app and search for 'Duo Mobile'." and "2. Tap 'Install' to install the app." At the bottom, there are two buttons: a grey 'Back' button and a green button labeled "I have Duo Mobile installed".

Activate Duo Mobile by scanning the barcode on the web browser using the app's built-in barcode scanner via your smartphone's camera. When you successfully scan the barcode, a green checkmark will appear.

Note: Having trouble scanning the barcode? Click on link "**Or, have an activation link emailed to you instead.**", Duo will send you an activation link on email.



A screen titled "Activate Duo Mobile for Android". On the left is a QR code with a large green checkmark overlaid on it. To the right of the QR code are three numbered instructions: "1. Open Duo Mobile.", "2. Tap the '+' button.", and "3. Scan this barcode." Below these instructions is a red-bordered box containing the text "[Or, have an activation link emailed to you instead.](#)". At the bottom, there are two buttons: a grey 'Back' button and a green 'Continue' button. A red arrow points upwards towards the red-bordered box.

Once you receive the link just open the link using Duo App and the account will be added to Duo Mobile app.

Duo References

Enrolling your mobile device to Duo Mobile: <https://www.youtube.com/watch?v=4jp7Ps5mc-U>

Logging in to Cisco AnyConnect (Windows): https://www.youtube.com/watch?v=ivN_DiXlW7o

Logging in to Cisco AnyConnect (Ubuntu): <https://www.youtube.com/watch?v=4MfeDTC-2A4>

Duo Device Management Portal (External-Accessible from Internet): <https://duo.nvidia.com>

Duo Device Management Portal (Internal-Accessible from NVIDIA Network or VPN):
<http://apps.nvinfo.nvidia.com/NVDuoEnrollment/Home/>

Duo ITHelp Knowledge Base: <https://nvidiaproduct.service-now.com/navpage.do>

If you have any questions regarding this guide, please submit a help request here: <http://ITHelp.NVIDIA.COM>