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## Manual for configuring VPN in Windows 7

## A. Installing the User Digital Signing Certificate (DSC)

1. Once your receive the DSC, please acknowledge it by replying it to the same email address to get the **Private Key** (password for DSC) on your registered mobile.

2. Download the DSC mailed to you by VPN Support (vpnservices@nic.in) and save it on your computer.

3. Open the downloaded certificate. A certificate Import wizard window will open as shown below. Click **Next**.



4. Click **Next** as shown in figure below.

Specify the file you want to import.	
Ele name:	
Reduce from the integral and the table	Browse
Note: More than one certificate can be stored a	n a single file in the following formats:
Personal Information Exchange-PKCS #12 (.	PFX, P12)
Cryptographic Message Syntax Standard-PK	CS #7 Certificates (.P76)
Microsoft Serialized Certificate Store (.SST)	
am more about certificate file formats	

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5. In the next window enter the Private Key (mentioned in step 1) and check **Enable Strong private key protection...** checkbox. Click **Next** as shown below

To maintain security, the private key was	protected with a password.
Type the password for the private key.	Enter the private key recieved
Password:	through sms below
	n if you enable this option.
Mark this key as exportable. This w Keys at a later time.	n ir you enaole tris option. ill allow you to back up or transport your
Mark this key as exportable. This w Keys at a later time. Include all extended properties.	n ir you enaole tris option.

6. Click **Next** as shown in figure below.

nere certificates are kept.
rtificate store, or you can specify a location for
ate store based on the type of certificate
ving store
Browse

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7. Click **Finish** as shown in figure below.

Certificate Import Wizard		×
	Completing the Cerr Wizard The certificate will be imported You have specified the following	tificate Import after you click Finish. g settings:
	Dertificate Store Selected by Content	Personal PFX
	T PR FAMILY	C. DOD STRUCT DOM
	*	•
	< gack	Finish Cancel

8. On clicking the **Finish** button, a window will open as shown below. Click on **Set** Security leave button



9. Set security level as **High** and click on **Next** as shown in figure below.

Choose a Security	Level
	Choose a security level appropriate for this term.
	Click Net >

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10. Create a **new Private Key** for your DSC in this machine. It will be the first password you need to enter while connecting VPN every time. Click **Finish** as shown in figure below.

Create a password t	o protect this item.	
Create a new passw Password for	ord for this item. Crypts AP1 Private Key	
Paseword Confirm		
< Back	Briah	ancel

Note: The user is advised to change the Private Key for the DSC for security purpose. Also note it down safely.

11. Click **OK** as shown in figure below.



12. Click **OK** to complete the import process as shown below.



- **B.** Verification of the installation of User DSC
  - a. Open Internet Explorer. Go to Internet Options. Select Content and click on Certificates button as shown below.

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www.options		and do not
ieneral Security	Privacy Content Connection	ns Programs Advances
Parental Controls		
Control be view	the Internet content that can ed.	Parental Controls
Content Advaor		
Ratings viewed	help you control the Internet o on this computer.	ontent that can be
	Strable	Stattings
Clear SSL s	Aate Certificates	Publishers
AutoComplete		
AutoCo on web for you	npiele stores previous entries pages and suggests matches	Settings
Peeds and Web Sk	Dell	
Preds a content read in program	ind Web Sloes provide updated I from websites that can be Internet Explorer and other ts.	Settings

b. Select the certificate issued in your name and click **View** button as shown in figure below.

ended p	urpose:	<el><li><all></all></li></el>				
ersonal	Other Peop	ole Int	ermediate Certificat	tion Authorities	Tru	sted Root Certification
Issued	То	1	Issued By	Expiratio	)	Friendly Name
😽 Dinl	ker Gururani		vpnca	04-04-2	018	Dinker Gururani's
Import.	Exp	port	Remove			Advance
Import. Certificat Client Au	Exp e intended p thentication	port urposes	Remove			Advance

c. The name should be same as the username mentioned in your mail. Also verify the validity of the certificate

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issued to you.

📭 Certificate	>
General Details Certification Path	
Certificate Information	_
This certificate is intended for the following purpose(s):	-
Proves your identity to a remote computer	
	_
Issued to Dinker Gururan	
Issued by: vpnca	
Valid from 04-04-2016 to 04-04-2018	
Y You have a private key that corresponds to this certificate.	
Issuer Statement	t
OK	

## C. Procedure to Connect NIC VPN in Windows

1. Open the website http://vpn.nic.in site and download and install VPN Client for Windows as shown below.



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## 2. Save as on desktop & run it

Fill Online VPN application form for	Submit VPN application forms	Receive VPN Details and Digital	Install the	Digital Certific	Save Save as
Do you want to run or save smc-new.exe	Do you want to run or save <b>smc-new.exe</b> (3.51 MB) from <b>vpn.nic.in</b> ?			Save 🔻	Save and run

3. Click on **Next** button to install the client software as shown in figure below.



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3. Now check I accept the terms in the License Agreement and Next as shown in the figure below.



"Note:-If in installation facing error message as per below screenshot, Kindly uninstall **Trend Micro Antivirus** from system and then try".



4. Open **Cisco AnyConnect Secure Mobility Client** from the Start Menu of Windows as shown in the figure below.



**5.** Type **sconnect.nic.in** in the white space and then click **Connect** button to begin connection as shown above.

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8. Now click on **Connect Anyway** button as shown below.



 User will be prompted for Cisco AnyConnect – Certificate Selection, which shows the list of certificates currently available on client machine. Select the DSC of the user and click OK button as shown in the figure below.



**10.** User will be prompted to enter the **Private Key** for your DSC. Enter the correct **Private Key** and click **OK** button, as shown below.

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**11.** Once the correct PIN is entered, user will be re-directed to the login page, as shown below. The username will be pre-filled from your certificate. User has to enter its password and click **OK** 

Password: VPN: Pease enter your username and password.	Please e	nter your username and password.	Cisco Andro	onect Secure Mobility Clie	-	-
Password: VPIL: Please enter your username and password.	Lisernume:	SH MAHMOOD/616200FD000300007DB4				
acconnect siz in a	Password:		<u>C!</u>	VPN: Please enter your usernam	e and password.	
OK Cancel		OK Cancel		sconnect.nic.in	-)[	Connect

12. User will be prompted to create new password on first login, as shown below.

Cisco AnyConnect	sconnectinic in :	week See					
New Paseword:	1						
Verify Password:							
Connection Banner	0						
Password expring	, you must enter a new	- 2					
password to conti	nue.					14. JA	
			Cisco AnyCo	onnett Secure Mob	Boy Client		×
		4					
			CL	VPN:			
				scornect.nic.in		Connect	
	Continue	nce					
_	_	_					
			* 0				

13. Enter New Password and Verify Password and then click Continue button to login, as shown below.

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**14**. User will be re-directed to the following page on entering the correct password. Click **Accept** to complete the connection process.



**15.** The yellow lock over the AnyConnect Secure Mobility Client icon denotes that the VPN session is established and running.



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**16.** VPN will be connected in a minute and **VPN Homepage** will get opened, as shown below. Now the user has to type the URL of the application to be accessed over VPN in the address bar of the browser.



**17.** To disconnect the VPN session, click on the Cisco AnyConnect Secure Mobility Client icon in the quick launch bar and then click Disconnect, as shown above.

