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Manual for configuring NIC VPN in Windows 8 & 10

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**.

~	Certificate Import Wizard	×
	Welcome to the Certificate Import Wizard	
	This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
	A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
	Store Location	
	To continue, dick Next.	
		_

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

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←	🚰 Certificate Import Wizard	×
	File to Import Specify the file you want to import.	
	File name: C:\Users\dinker\Desktop\vpn202374.pfx Browse	
	Note: More than one certificate can be stored in a single file in the following formats: Personal Information Exchange-PKCS #12 (.PFX,.P12)	
	Cryptographic Message Syntax Standard-PKCS #7 Certificates (.P7B)	
	Next Canc	el

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.

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To maintain security, the private key was	protected with a password.
Type the password for the private key. Password:	Enter the private key recieved through sms below
•••••	
Enable strong private key protection private key is used by an application	 n. You will be prompted every time the n if you enable this option.
Mark this key as exportable. This w Keys at a later time.	ill allow you to back up or transport your
Mark this key as exportable. This w Keys at a later time.	il allow you to back up or transport your
Mark this key as exportable. This w Keys at a later time.	ill allow you to back up or transport your

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

Certificate Store Certificate stores are syste	em areas where certificates are kept.
Windows can automatically the certificate.	select a certificate store, or you can specify a location for
 Automatically select 	the certificate store based on the type of certificate
Bace all certificates Certificate store:	in the following store
Learn more about <u>certificate sto</u>	202

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7. Click fi**nish** as shown in figure below.

E	Completing the Cert Wizard The certificate will be imported a You have specified the following	ificate Import fter you dick Finish. settings:
	Certificate Store Selected by U Content File Name	Personal PFX C: \Users \nicnet\Desk
	(,

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



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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 item.
	< Back Next > Cancel

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	and the state of the state	
Create a password to protect this item.		
	Create a new passw Password for:	ord for this item. CryptoAPI Private Key
	Password: Confirm:	
	< Back	Finish Cancel

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

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

Importing a new private exchange key				
	An application is creating a Protected item.			
	CyptoAP1 Private Key			
	Security level set to High Set Security Level			
	OK Cancel Detais			

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.

Internet Options
General Security Privacy Content Connections Programs Advanced
Parental Controls
Control the Internet content that can Remental Controls be viewed.
Content Advisor
Ratings help you control the Internet content that can be viewed on this computer.
Settings
Certificates Use certificates for encrypted connections and identification. Certificates Distributer D
Cearsocistice Cersicilies Publishers
AutoComplete
AutoComplete stores previous entries Settings on nedpages and suggests matches for you.
Feeds and Web Sices
Feeds and Web Slose provide updated Settings contant from websites that can be read in Internet Explorer and other programs.
OK Cancel Apply

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

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below.

Issued To Issued By Expiratio Friendly Name Dinker Gururani vpnca 04-04-2018 <none></none>	ided purpose:	<all></all>	Certification Authorities	Tructed Poot Certification
issued To Issued By Expiratio Friendly Name Dinker Gururani vpnca 04-04-2018 <none></none>	ould rea			Trasted Root eer aneado
Dinker Gururani vpnca 04-04-2018 <none></none>	Issued To	Issued By	Expirati	io Friendly Name
	🐺 Dinker Gururar	ni vpnca	04-04-2	2018 <none></none>
	mport	xport Rem	ove	Adva
rtificate intended purposes	mport E:	xport Rem purposes	ove	Adva
ertificate intended purposes ent Authentication	mport E: ertificate intended ent Authentication	xport Rem purposes	ove	Adva
ertificate intended purposes ent Authentication View	mport E ertificate intended ent Authentication	xport Rem purposes	ove	Advar

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

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Certificate	×
General Details Certification Path	
Certificate Information	
This certificate is intended for the following purpose(s):
Issued to: Dinker Gururani	
Issued by: vooca	
issued by. Vpica	
You have a private key that corresponds to this certificat	æ.
Issuer <u>S</u> ta	atement
	OK

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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.

https://vpn.nic.in/		✓
Application × 🗋 😁		
Franka stark Government of India	NIC VPN Services	
About Us	Sarvisas Forms & Polley Men	Software Contact Us
Accessing E-Gov Applications	Via mygov,nich Wichik Bhare Swichik Bhare Unit Swichik Bhare Unit Creen India Bo Cratton	VPN Client for Windows 7 VPN Client for Linux 32-bit VPN Client for Linux 64-bit d secur tworks ers to twork fr ei secur ven Client for Mac lie tes MoserBaer Token Driver for windows 32-bit te secur vindows 64-bit o used Gemalto Driver for Windows Gemalto Driver for Windows (new)
	00	VPN Client for Windows 9 8 10
Browser's compatibility: IE 9 and above Kindly upgrade Windows XP and Windows Vista released, leaving them vulnerable. VPN services For any issue please log your compli	as Microsoft has stopped support and patches for will not be available on Windows XP and Window aint through our website NIC Service Desk or call	r these c vPN Client for linux4.2 vs Vista c us on o vPN Client for linux 4.5
How it works	ONLINE VPN APPLYING PROCESS -	VPN Client for Mac4-5
Do you want to run or save smc-new.exe (3.51 MB) from	m vpn.nic.in ?	Run Save Cancel 🗙

2. Click on save & run it Next button to install the client software as shown in figure below.



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

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

Â	There is a problem with this Windows Installer package. A program run as part of the setup did not finish as expected. Contact your support personnel or package vendor.	

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



5. Type sconnect.nic.in as given below and then click Connect button

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8. Now click on **ok** button as shown below.



9. 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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Windows Security ×		
Credential Required		
To allow the app to access your private key, enter the password:		
Key description : CryptoAPI Private Key		
Password		
Enter Password		
Allow	Don't allow	
	-	

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

S Cisco	o AnyConnect sconnect.	nic.in	×
	New Password:	ust enter a new password to	< >
		Continue Cancel	

11. Click on Accept button as shown below

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Cisco AnyConnect	
Kindly upgrade Windows XP and Windows Vista as Microsoft has stopped support and patches for these operating systems are no longer released, leaving them vulnerable. VPN services will not be available on Windows XP and Windows Vista clients from Januaryr 31, 2018 Select Continue/Accept to logon	^
	~
Accept Disconnect	

12. 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 or take remote of servers.

https://vpn.nic.in/	+ m ♂ Search
VPN Application × 📑 😌	
	Received and Government of Indu
	Accessing Clour Services of the servers hosted in NC IDCs as well as access intranet applications.VPM Services used by government officials to update their web sites and remote management of the servers hosted in NC IDCs as well as access intranet. Services applications.VPM Services used by server applications.VPM Services and user various E-GOV project.
	Browser's compatibility: IE 9 and above
	Kindly upgrade Windows XP and Windows Vista as Microsoft has stopped support and patches for these operating systems are no longer released, leaving them vulnerable. VPN services will not be available on Windows XP and Windows Vista clients from January 31, 2018. For any issue please log your complaint through our website NIC Service Desk or call us on our tolfree 1800-111-555
	ONLINE VPN APPLYING PROCESS