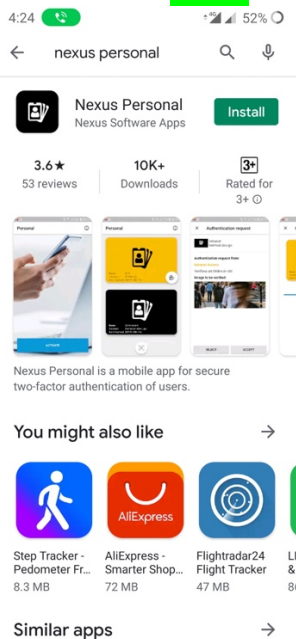## Enabling Two-factor authentication (2FA)

Two-factor authentication (2FA) is a second layer of security to protect an account or system. Users must go through two layers of security before being granted access to an account or system.

The first factor authentication for login in to ICICI Bank VPN uses your UserID and Password. The second factor is an one time password generated by an App (Nexus Personal) in your mobile. The one time password needs to be fed as a 2FA to login in to the VPN.

Installing the Nexus Personal (App) on your mobile

1.Goto Google Play and search for "Nexus Personal" and Install	2.The application is ready to be Open ed on successful installation
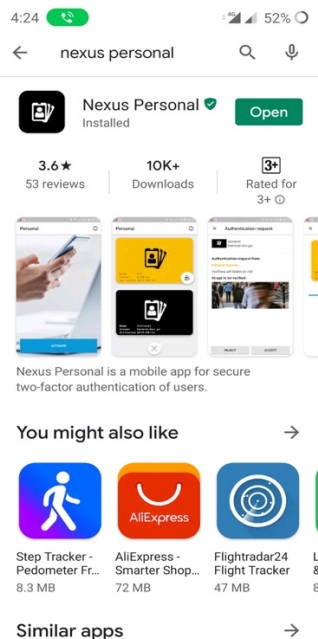
3. Once installed the "Nexus Personal" App has to be activated. Activation is done with the help of a QR Code sent to your e-mail ID by the Technology Team. You will receive an e-mail from vpnsupport@icicibank.com with your personalised QR Code. PLEASE NOTE: This QR Code will be live only for a short duration, post which it will expire. The activation of "Nexus Personal" using the QR Code has to be done before the expiry period. A sample e-mail with the QR Code is shown below:

From: VPNSUPPORT /ITG/IBANK/BKC <vpnsupport@icicibank.com>
Date: Monday, 13 April 2020 at 4:30 PM
To: FName LName //IBANK/BKC <fname.lname@icicibank.com>
Subject: Your Authentication Service Account has changed

You have received activation information for OATH Authentication.

If you are an Android or iOS user, scan the following image from within the Authenticator app:

For manual activation, enter the following information into your Authenticator app:
Username: 987654
Key: 7QDGG7P4SGRTOIY6Z3OROAGETYUIGBO5
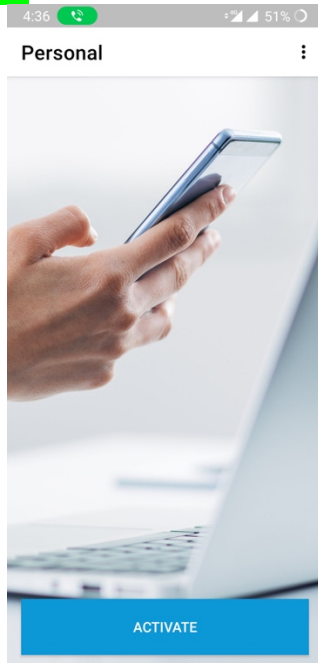Type: hotp
Issuer: Nexus
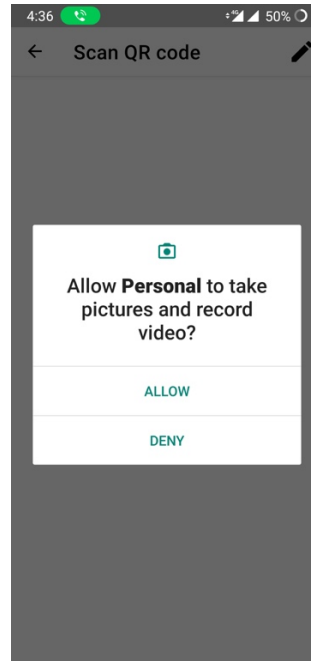Algorithm: SHA1
Digits: 6
Period: NA
Counter: 0
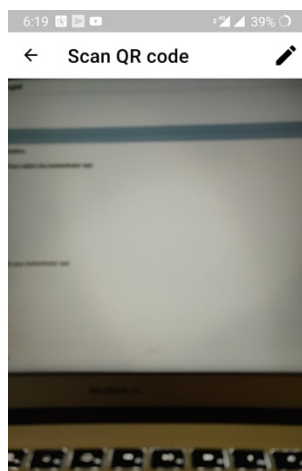Display Name: FirstName LastName

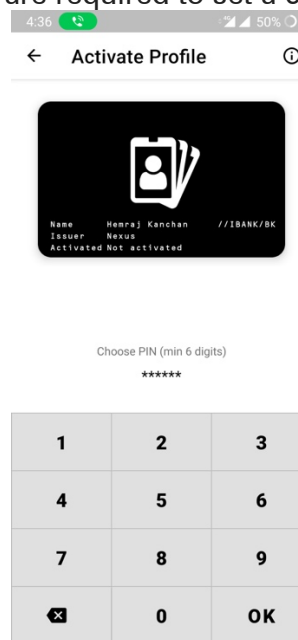|	
4. <mark>Activate</mark> the "Nexus Personal" App: **Personal** ⋮ **ACTIVATE**	5. <mark>Allow</mark> "Picture and Video" Access ← Scan QR code ✏️ 📷 Allow **Personal** to take pictures and record video? **ALLOW** **DENY**
6. <mark>Scan</mark> the QR Code received on e-mail (Point 3 above) using the Nexus Personal App ← Scan QR code ✏️ If you have received a QR code, scan it to activate Nexus Personal	7. After successful <mark>Scan</mark> the QR Code your your name appears in a Credit Card like icon. You are required to set a 6 digit PIN. ← Activate Profile ⓘ Name Hemraj Kanchan //IBANK/BK Issuer Nexus Activated Not activated Choose PIN (min 6 digits) ****** | 1	2	3
4	5	6
7	8	9
⌫	0	OK	

8. You are required to <mark>Confirm</mark> your 6 digit PIN	9.Optionally, additionally you can <mark>Enable</mark> fingerprint
4:37 50% ← **Activate Profile** ⓘ Name Hemraj Kanchan //IBANK/BK Issuer Nexus Activated Not activated Confirm PIN ****** 	1	2	3
4	5	6
7	8	9
⌫	0	OK		4:37 50% ✕ **Enable fingerprint** Using fingerprint is a simple way to authenticate. You may still use your profile-specific PIN after enabling fingerprint authentication. Note that fingerprint authentication should not be used when multiple users are sharing the same device. If someone else has their fingerprint registered on the device they will be able to use this profile in full. I confirm that I am the sole user on this device and I want to enable fingerprint. NO THANKS YES

<mark>NOTE:</mark>
Remember the PIN set in step 7 and 8 above. Needs to be used in case your fingerprint malfunctions.

| 10. Select the Card Colour that you like.	11. Activate your profile
4:37 50% ✕ **Select layout**	6:19 39% ✕ **Activate Profile** Name Hemraj Kanchan //IBANK/BK(Issuer Nexus Activated Not activated **Name** Hemraj Kanchan //IBANK/BKC **User** 245578 **Issuer** Nexus **Information** You are about to activate a new profile, and install new identities on this device. **More details** Show more details ACTIVATE

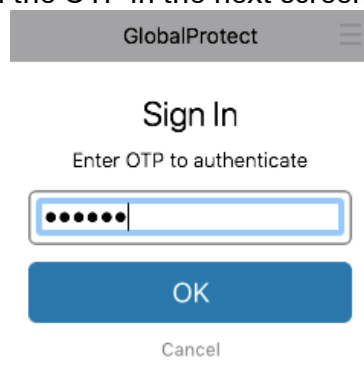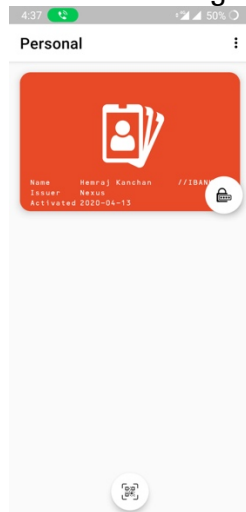| |
|---|
| 12. Once activated, the activation date will appear in the Card.
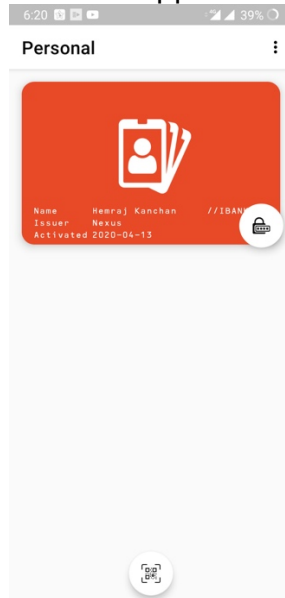
  |
| Using 2FA when login in to Globla Protect VPN (gpvpn.icicibank.com OR ivpn.icicibank.com |
| 1. Use Global Protect Client to Login. Use your UserID/Password as first factor
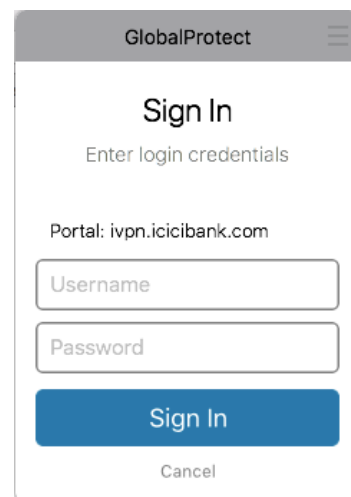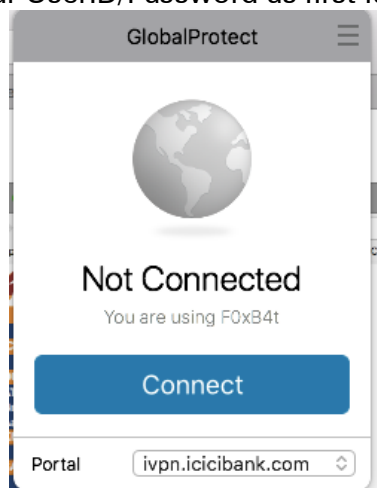
   |
| 2. You are required to key in the OTP in the next screen of Global Protect

  |

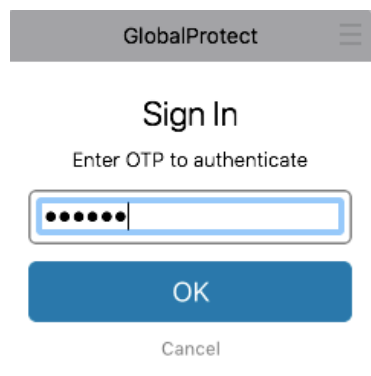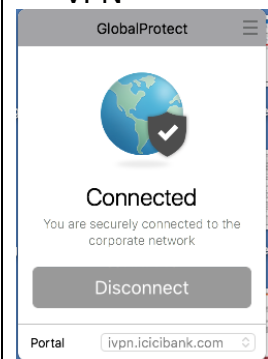|	
3. The OTP is available on your Nexus Personal App. Touch the Lock Icon on your Phone screen to generate the OTP. 	4. You are required to do finger print authentication or 6 digit PIN authentication before the OTP is displayed.
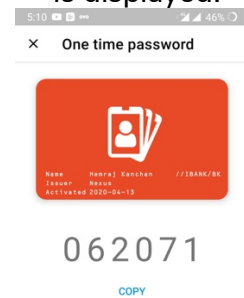
NOTE:
IF the OTP authentication fails, in the Global Protect Client, you need to regenerate the OTP again in Nexus Person and key in the new OTP
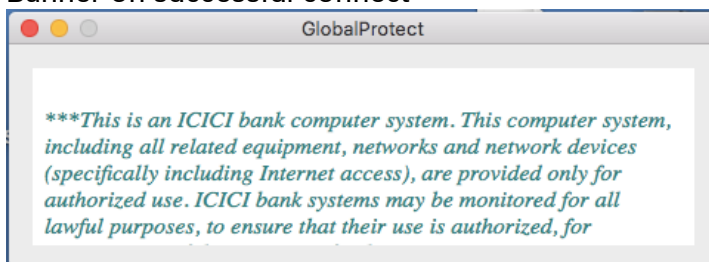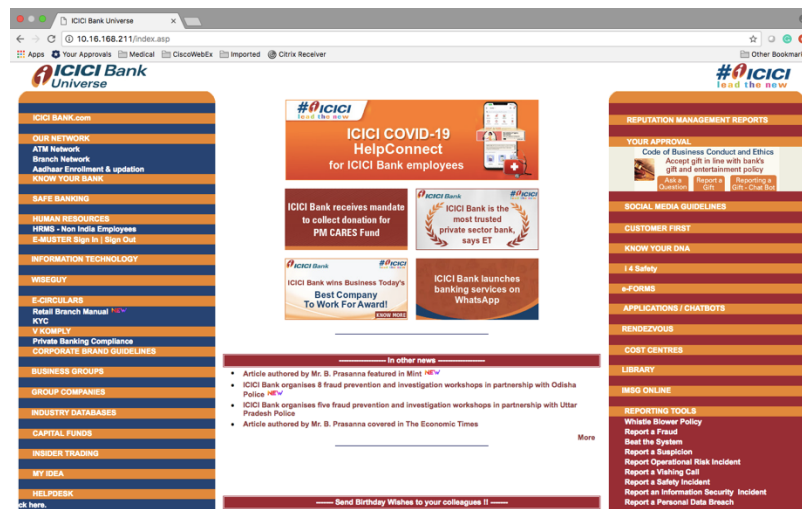
5. 	6. On successful connect on Global Protect VPN
7. Banner on successful connect 	

8. Testing successful connect on VPN. Open browser and connect to "Universe"

The process for installation from App Store and activation on Apple mobile is similar