

Islamabad, the 05<sup>th</sup> January, 2024

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|--|--|---|
| 1. The Chairman,<br>PCSIR, <u>Islamabad</u> ,          | 2. The Chairman,<br>PSF, <u>Islamabad</u> ,          | 3. The Chairman,<br>PCST, <u>Islamabad</u> ,          |
| 4. The Chairman,<br>PEC, <u>Islamabad</u> ,            | 5. The Chairman,<br>CWHR, <u>Karachi</u> ,           | 6. The Rector,<br>CUI, <u>Islamabad</u> ,             |
| 7. The Rector,<br>NUST, <u>Islamabad</u> ,             | 8. The Rector,<br>NUTECH, <u>Islamabad</u> ,         | 9. The Director General,<br>PNAC, <u>Islamabad</u> ,  |
| 10. The Director General,<br>PCRET, <u>Islamabad</u> , | 11. The Director General,<br>NIE, <u>Islamabad</u> , | 12. The Director General,<br>PHA, <u>Islamabad</u> ,  |
| 13. The Director General,<br>PSQCA, <u>Karachi</u> ,   | 14. The Director General,<br>NIO, <u>Karachi</u> ,   | 15. The Managing Director,<br>STEDEC, <u>Lahore</u> , |

Subject: Cyber Security Advisory – Apple Products Latest CVE Patch Updates Available (Advisory No. 69).

Cyber Security Advisory – Online Camera App – NoteCam Lite – GPS Memo Camera (Advisory No. 68).

Cyber Security Advisory – Use of Online Matrimonial Apps and Sites by HIAs (Advisory No. 67).

Dear Sir/ Madam,

Please find enclose herewith the subject advisories received from National Telecom and Information Technology Security Board (NTISB) Cabinet Division, for information and strict compliance.

Encl: As above

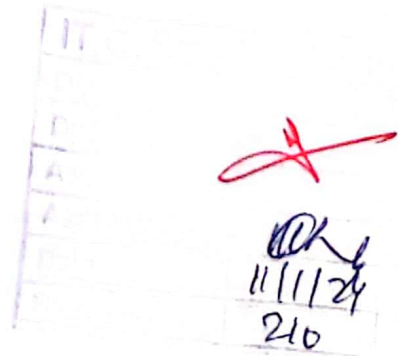
  
(Kamran Nawaz Khan)  
Deputy Electronics Adviser-I  
051-9216304

Copy for Information to:

- i. APS to JEA, MoST.
- ii. Network Administrator, MoST.

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**GOVERNMENT OF PAKISTAN  
CABINET SECRETARIAT  
CABINET DIVISION  
(NTISB)**

F. No. 1-5/2003/24(NTISB-II)

Islamabad, the 3<sup>rd</sup> January, 2024

Subject: - Cyber Security Advisory – Apple Products Latest CVE Patch Updates Available (Advisory No. 69)

Deputy Electronics Adviser-I  
Dy. No. 04  
Date 04-01-2024

JEA  
Dy. No. 75  
Dated 04/01/24

SECRETARY MOST  
Dy. No. 63  
Dated 04-01-2024

**Introduction.**

Apple has released security patches to mitigate critical vulnerabilities (CVE-2023-42916 & CVE-2023-42917) affecting WebKit Browser Engine.

2. **Affected Products.**

CVE-2023-42916 & CVE-2023-42917 is being actively exploited by threat actors to access sensitive data and execution of arbitrary code through crafted webpages on unpatched devices.

3. **Affected Products.**

Apple iPhone, iPad and iPod running iOS versions (16.7.3 or older) are affected with the above mentioned vulnerabilities and consequently patches / updated versions are available.

4. **Recommendations.**

Above in view, all users are advised to ensure the following:

a. **Specific Safety Steps**

- (1) CVE-2023-42916 & CVE-2023-42917 have been patched in iOS version 17.2. therefore, all Apple users should immediately upgrade to iOS latest version (17.2 or above) from the official Apple Store.
- (2) Enable Lockdown Mode (optional; extreme protection mode) to block a cyber-attack.

b. **Generic Security Steps for Apple Users**

- (1) Protect devices with strong passcodes and use two factor authentication on Apple ID.
- (2) Install apps from official Apple Store only to avoid malware / infection.
- (3) Use anonymity-based solutions (over internet while surfing) and mask identity of key appointment holders / individuals.

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For more info  
DEA-I  
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- (4) Always disable location from Apple devices/
- (5) Subscribe to Apple's security bulletins, threat notifications and auto OS update features.

5. **References.** Latest Cyber Security Platforms including The Hacker News, Bleeping Computer, Security Week, CSIRTs etc.

6. Kindly disseminate the above information to all concerned in your organizations, all attached/affiliated departments and ensure necessary protective measures.

  
(Muhammad Usman Tariq)  
Assistant Secretary-II (NTISB)  
Ph# 051-9204560

**All Secretaries of Ministries/Divisions of the Federal Government and Chief Secretaries of the Provincial Governments**

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2. Secretary to the President, Aiwan-e-Sadar, Islamabad
3. Cabinet Secretary, Cabinet Division, Islamabad
4. Additional Secretary-III, Cabinet Division, Islamabad
5. Director General (Tech), Dte Gen, ISI Islamabad
6. Director (IT), Cabinet Division, Islamabad

GOVERNMENT OF PAKISTAN  
CABINET SECRETARIAT  
CABINET DIVISION  
(NTISB)

F. No. 1-5/2003/24(NTISB-II)

Islamabad, the 3<sup>rd</sup> January, 2024

**Subject: - Cyber Security Advisory - Online Camera App – NoteCam Lite -GPS Memo Camera (Advisory No. 68)**

**Context.** Hostile Intelligence Agencies (HIAs) are using online Camera apps to gather data including grid references of military installations / sensitive locations, one such app is NoteCam Lite – GPS Memo Camera (Details at Annex-A), which is an android app and is available on Google Play Store.

2. Technical probe of app revealed following information:


- a. NoteCam Lite – GPS Memo Camera is a free app developed by Derekr Corporation on 12<sup>th</sup> May, 2015 and has been downloaded 10M + times so far.
- b. Derekr Corporation is a Taiwan based Android developer active since 2013 which has also developed Pro version of this app i.e. NoteCam Pro.
- c. NoteCam Lite – GPS Memo Camera is combined with GPS information (including latitude, longitude, altitude, accuracy, time and comments).
- d. NoteCam Lite -GPS Memo Camera collects following data of users:
  - (1) **Location.** Access precise location (GPS and network-based) and access approx. location (network-based).
  - (2) **Storage.** Read, modify or delete contents on SD card.
  - (3) Advertising ID permission.
  - (4) Run foreground services.
  - (5) Google Play license check.
  - (6) Have full network access.
  - (7) View network connections.
  - (8) Prevent phone from sleeping.

Deputy Electronics Adviser-1  
Dy. No. 05  
Date 04-01-2024

SECRETARY MOST  
Dy. No. 61  
Dated 04.01.2024

JEA  
Dy. No. 17  
Dated 04.01.2024

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3. In order to counter the above mentioned HIA's trap, ensure strict compliance of the following aspects:

- a. Using any app which provides services for provision of map coordinates particularly NoteCam Lite – GPS Memo Camera and NoteCam Pro-Photo with Notes be avoided.
- b. Moreover, any such app which provides services for provision of map coordinates be treated as banned app particularly NoteCam Lite – GPS Memo Camera and NoteCam Pro-Photo with Notes.

4. Government / Armed Forces personnel be sensitized to avoid taking pictures of military /sensitive installations and surroundings to avoid any pilferage.

5. Kindly disseminate the above information to all concerned in your organizations, all attached/affiliated departments and ensure necessary protective measures.



(Muhammad Usman Tariq)  
Assistant Secretary-II (NTISB)  
Ph# 051-9204560

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6. Director (IT), Cabinet Division, Islamabad

**GOVERNMENT OF PAKISTAN  
CABINET SECRETARIAT  
CABINET DIVISION  
(NTISB)**

F. No. 1-5/2003/24(NTISB-II)

Islamabad, the 3<sup>rd</sup> January, 2024

**Subject: - Cyber Security Advisory-Use of Online Matrimonial Apps and Sites by HIAs (Advisory No. 67)**

**Introduction.** Hostile Intelligence Agencies (HIAs) are using online Matrimonial apps and sites for spotting, data collection and trapping of Government / Armed Forces individuals. One such app is **Rishta - Pakistani Matrimony** (an android app available on Google Play Store) and website is **shaadi.org.pk**. Technical analysis of the app and web site is as under:

**a. Android App: Rishta – Pakistan Matrimony**

- (1) Developed by Vivah4D (Released on 18<sup>th</sup> December, 2020) and is downloaded 5000 + times so far.
- (2) Vivah4D has also developed 2 x other apps i.e. **Nepali Vivah** and **Bangladesh Matrimony** (both available on Google Play Store).
- (3) Collects Following data of users (Screenshots attached as **Annex-A**):
  - (a) **Location.** Access approx. location (network-based),
  - (b) **Storage.** Read, modify or delete contents on SD card.
  - (c) Advertising **ID** permission.
  - (d) Run foreground services.
  - (e) Google Play billing services.
  - (f) Send sticky broadcast.
  - (g) Have full network access.
  - (h) View network connections.
  - (i) Prevent phone from- sleeping.
  - (j) Play install Referrer API.
  - (k) Receive data from internet.
  - (l) Read Google service configurations.

**b. Web Site: Shaadi.org.pk**

- (1) Collects personal information (Age, city, education, community, career and marital status), which is displayed for site visitors and also passed on to third party / service

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Dy. No. 62  
Dated. 04.01.2024

JEA  
Dy. No. 11/01/24  
Dated. 04.01.24

Deputy Electronics Adviser-I  
Dy. No. 06  
Date 04-01-2024

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providers. Third parties can use personal information as per their own privacy policy.


(2) This site also provides chat rooms, instant messaging and mail content facility to users, any information disclosed by users in these areas becomes public information. Screenshots attached as **Annex-B**.

(3) HIAs have created accounts on the above mentioned apps and site for spotting and trapping of Government / Armed Forces individuals (Screenshots of IDs identified so far are attached as **Annex-C**).

2. In order to counter the above mentioned HIA's traps, ensure strict compliance of the following aspects:

- a. Using any online matrimonial apps / sites be avoided as these services provide suitable cover to HIAs to spot and access their data even under Google Play store security checks.
- b. Individuals who have already downloaded Rishta - Pakistani Matrimony app and have been approached by HIAs should immediately report to senior management / concerned HR as per procedure in vogue.
- c. Rishta - Pakistani Matrimony app may be treated as banned app.

3. Kindly disseminate the above information to all concerned in your organizations, all attached/affiliated departments and ensure necessary protective measures.

  
(Muhammad Usman Tariq)  
Assistant Secretary-II (NTISB)  
Ph# 051-9204560

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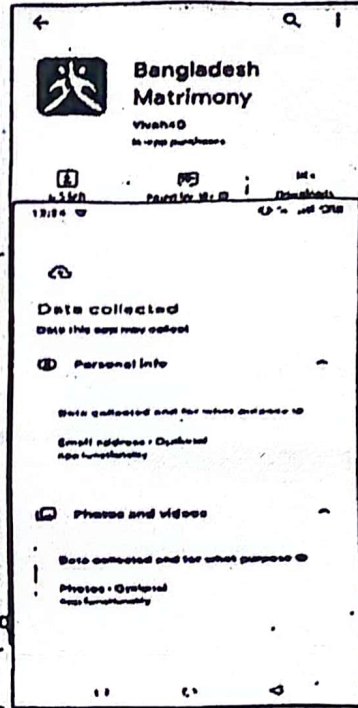
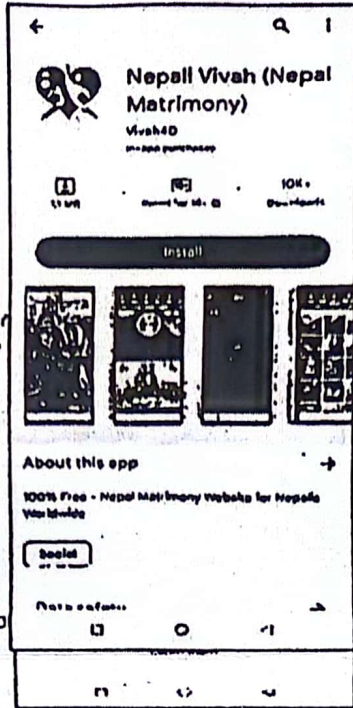
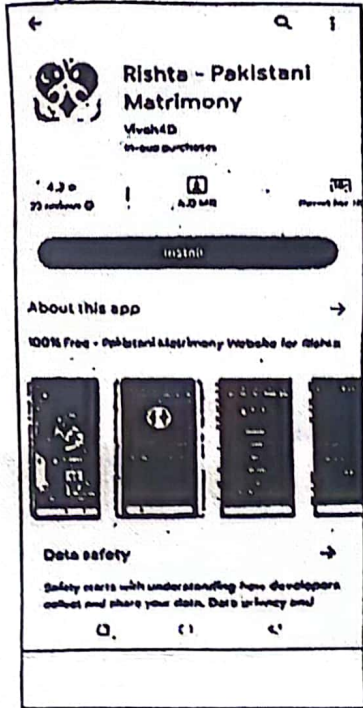
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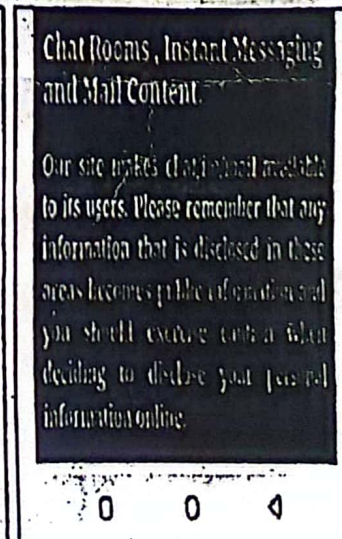
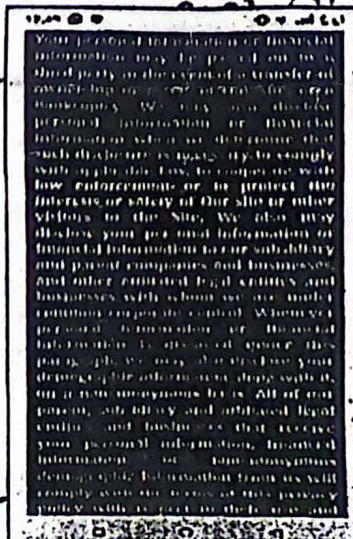
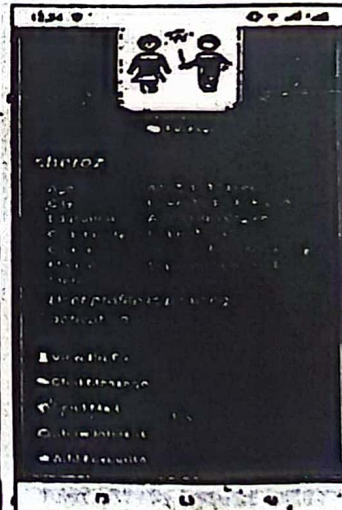
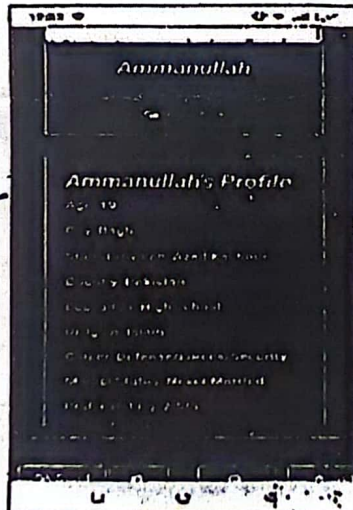
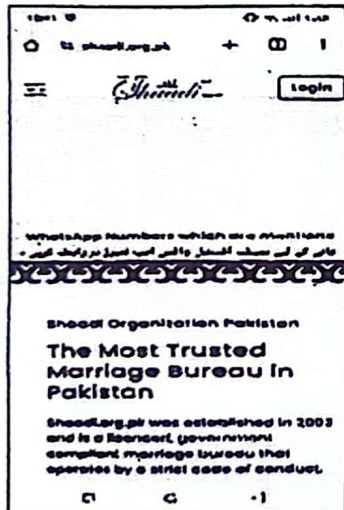
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### MATRIMONIAL APPS



### Annex B

### MATRIMONIAL SITE

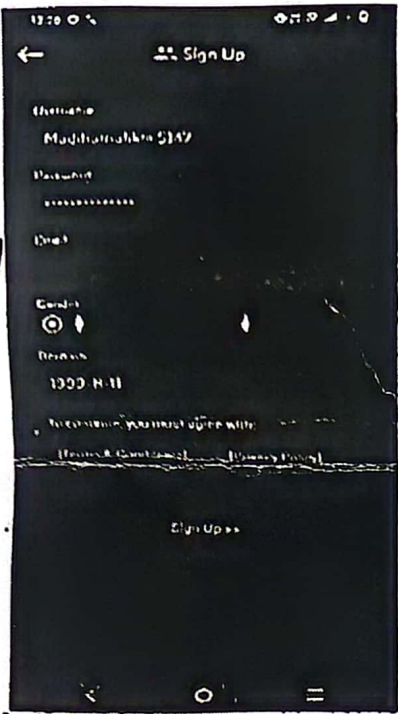




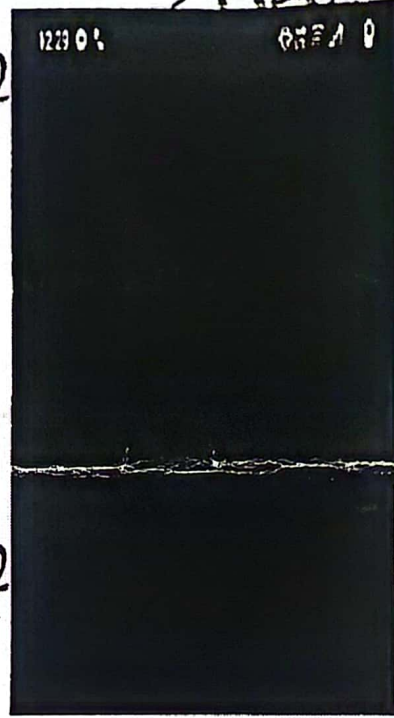
ACCTOUNTS CREATED BY HIAS

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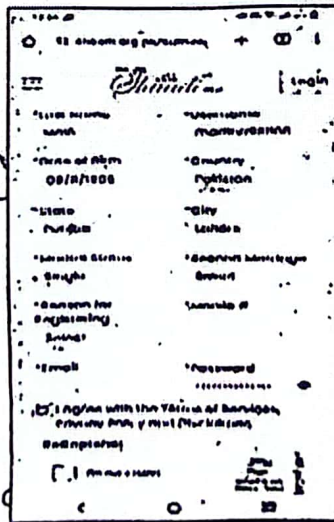


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Note: Computer require Signature.

