Tele No: 33943

929/AHCC/Tech vetting

02 May 2024

ARMY HEADQUARTERPS COMPUTER CENTRE
(AHCC)

CYBER SECURITY AUDIT OF WEB APPL : ENTERPRISE - INDIAN ARMY SECURE CARD APPL (E-ISAC)

1.   Ref DG Sigs (Sigs-7) letter No B/46850/IT/Sigs 7(a)/PC dt 11 Mar 2024.

2.   The below mentioned pts were obs during layout and arch vetting. The clearance from arch and layout pt of view is provisioned, it is recom that the below mentioned pts be mitigated during the lab testing phase at ACG: -

    (a)   **Windows Not Activated**.   The server machine OS is not activated. (Sample screenshot is att as **Appx A)**.

    (b)   **Content Security Polices**.   Sample screenshot is att as **Appx B**.

    (c)   **Server Side Validation**.   Sample screenshot is att as **Appx C**.

    (d)   **Validation Check Errors**.   Sample screenshot is att as **Appx D**.

3.   For info and necessary action pl.

(Ravi S Shandilya)
Maj
OIC Central Services
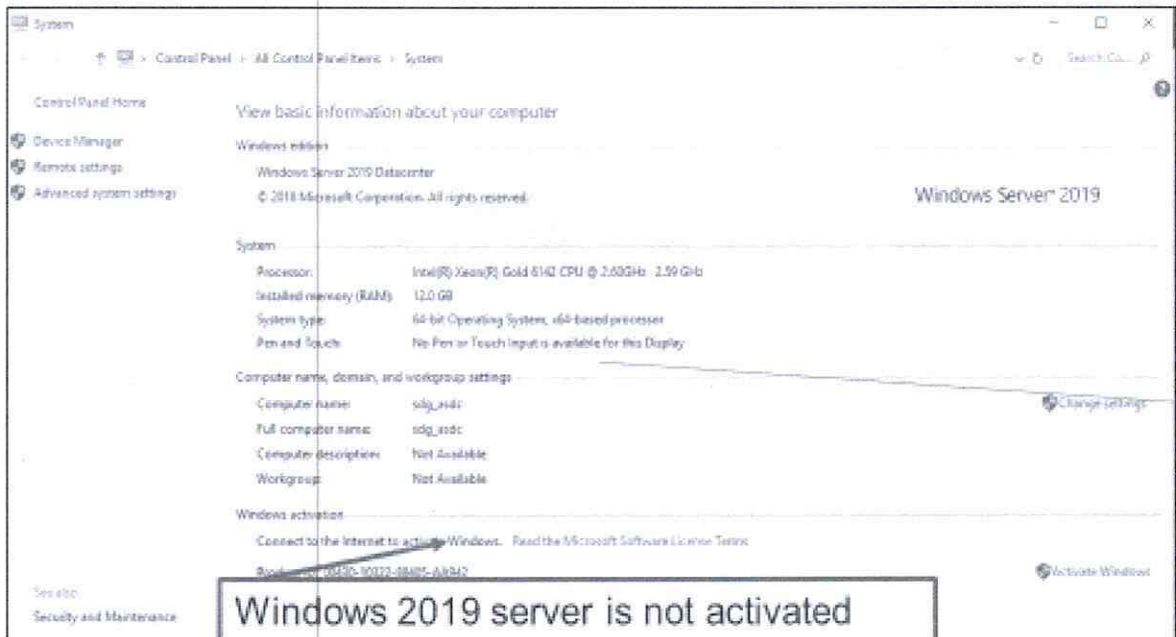for Comdt

Encls: As above
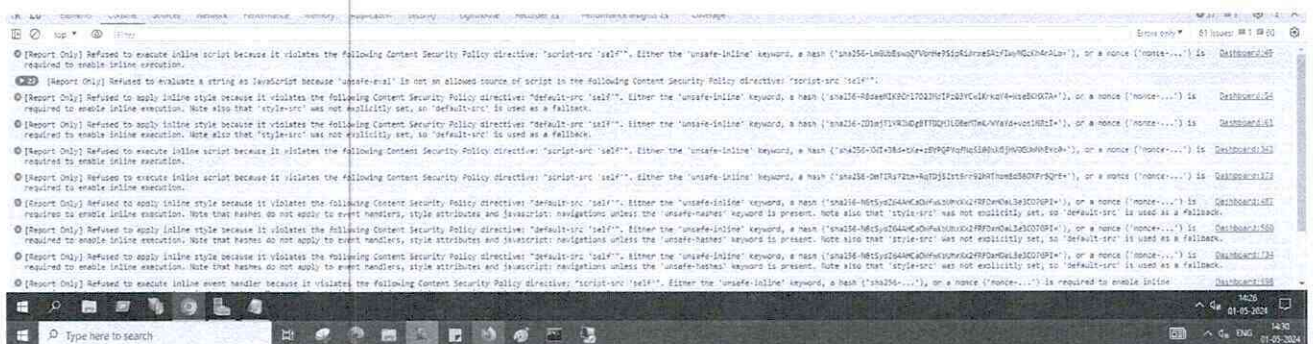
DG Sigs (Sigs-7)

Copy to: -

ASDC

Appx A

Ref Para 2 (a) of AHCC letter No 929/
AHCC/Tech vetting dt 2 May 2024)

Windows 2019 server is not activated

Appx B

Ref Para 2 (b) of AHCC letter No 929/
AHCC/Tech vetting dt   May 2024)

CONTENT SECURITY POLICES

Content Security Polices are not set properly. The console at each webpage must be free from any of client/server-side errors.

Appx C

(Ref Para 2 (c) of AHCC letter No 929/
AHCC/Tech vetting dt 01 May 2024)

SERVER SIDE VALIDATION

No client side as well as server-side validation checks impl. Max length for SUS was given as 7, however SUS with length 3 is also accepted by website.
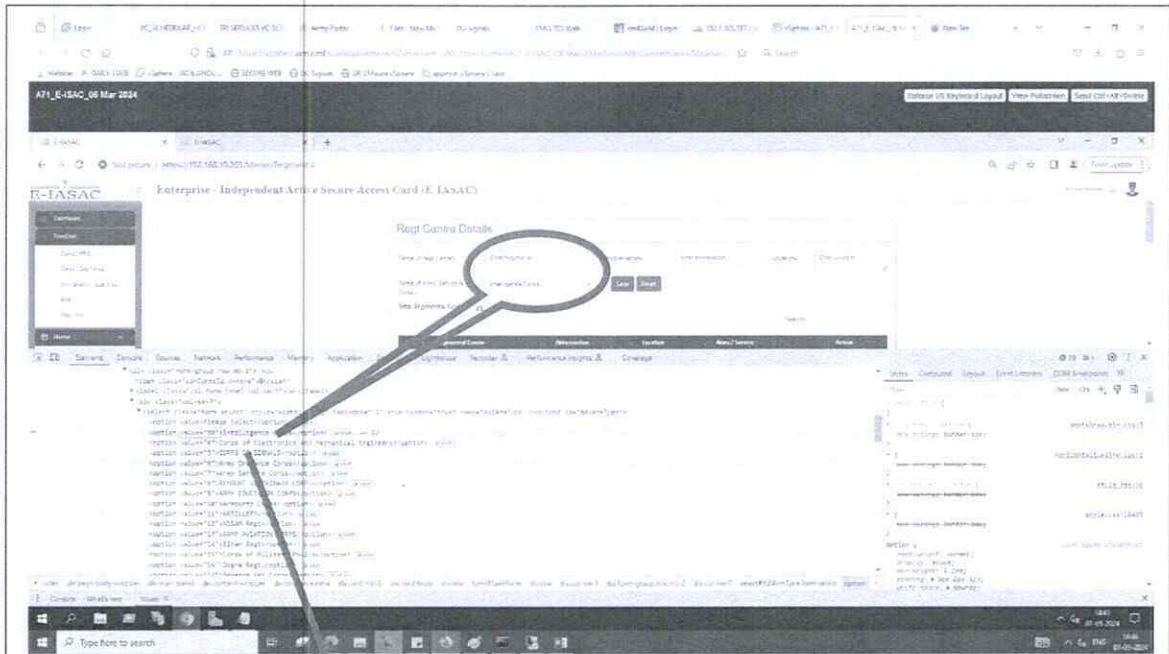
Appx D
Ref Para 2 (d) of AHCC letter No 929/
AHCC/Tech vetting dt ᴀ May 2024)

VALIDATION CHECK ERRORS

Validation check errors must not be shown as Pop-up, rather be shown at the page itself with Red color. Use of Popups is not a good practice.

```
▶ <label class="col-form-label col-sm-5"> ... </label>
▼ <div class="col-sm-7">
    ▼ <select class="form-select" style="width: 100%;" tabir
        <option value>Please Select</option> (☒ slot)
        <option value="98">Intelligence Corps</option> (☒ slot)
        <option value="4">Corps of Electronics and Mechanica
        <option value="5">CORPS OF SIGNALS</option> (☒ slot)
        <option value="6">Army Ordnance Corps</option> (☒ slot)
        <option value="7">Army Service Corps</option> (☒ slot)
        <option value="8">REMOUNT VETERINARY CORPS</option> (
        <option value="9">ARMY EDUCTAION CORPS</option> (☒ sl
        <option value="10">Armoured Corps</option> (☒ slot)
```

When filling any form, if value is changed using Inspect Element tool, the value must be checked again at front end before sending request to server and again at server side before saving the values in database. The issue persist at present throughout the site.