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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

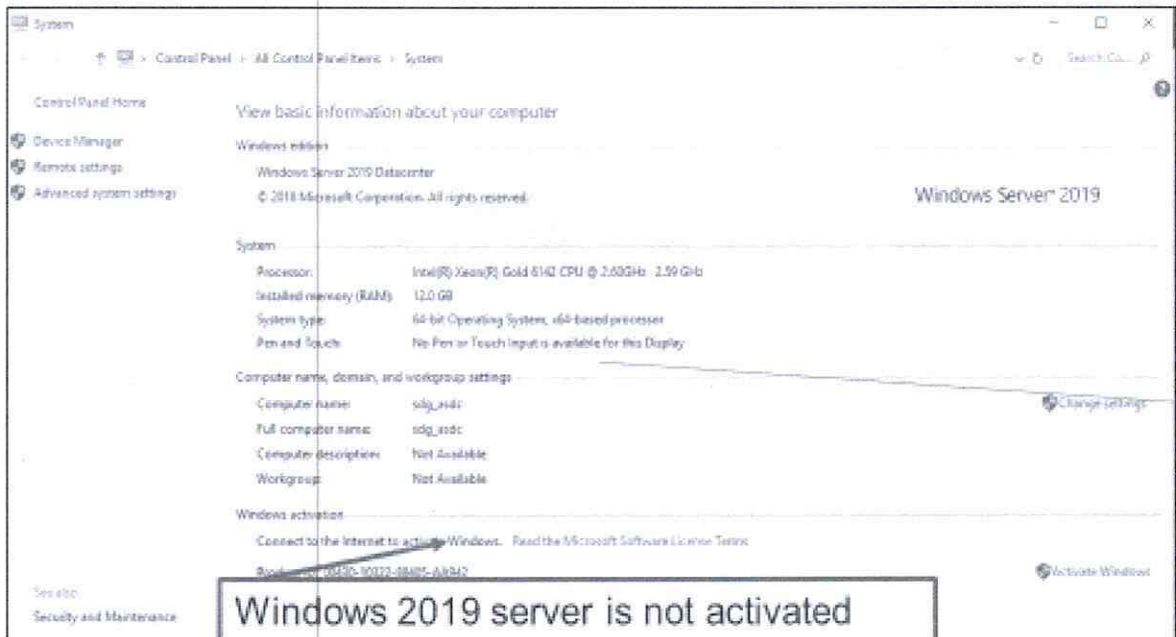
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Appx A

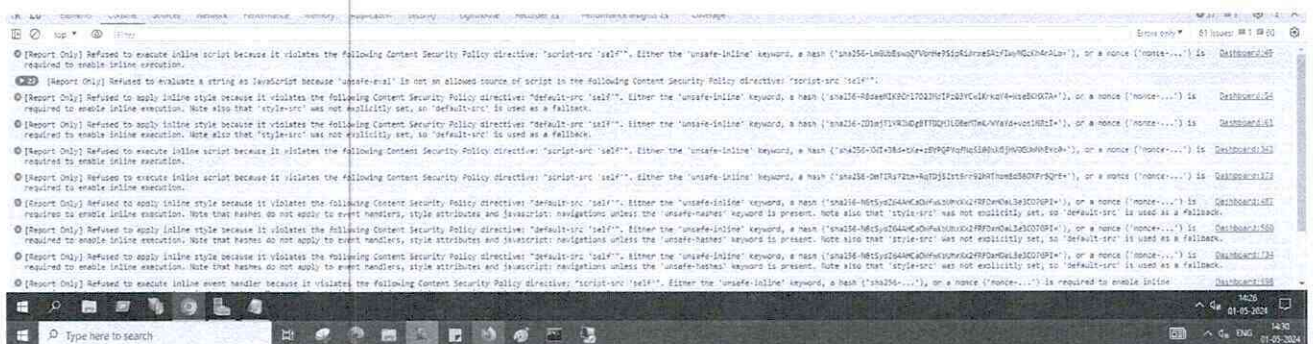
Ref Para 2 (a) of AHCC letter No 929/
AHCC/Tech vetting dt May 2024)



Appx B

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

CONTENT SECURITY POLICES



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

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Appx C

(Ref Para 2 (c) of AHCC letter No 929/
AHCC/Tech vetting dt 04 May 2024)

SERVER SIDE VALIDATION

The screenshot displays a web application interface with a table of data. The table has columns for 'Unit Name', 'Unit Application', 'Unit ID', 'Unit Type', 'Unit Status', and 'Unit Location'. The data rows show various units, including 'Unit 1', 'Unit 2', 'Unit 3', 'Unit 4', 'Unit 5', and 'Unit 6'. Below the table, there is a developer console showing the HTML structure of the page. A callout box points to a specific line of HTML code, indicating a validation issue.

Unit Name	Unit Application	Unit ID	Unit Type	Unit Status	Unit Location
Unit 1	Unit 1	1	Unit 1	Unit 1	Unit 1
Unit 2	Unit 2	2	Unit 2	Unit 2	Unit 2
Unit 3	Unit 3	3	Unit 3	Unit 3	Unit 3
Unit 4	Unit 4	4	Unit 4	Unit 4	Unit 4
Unit 5	Unit 5	5	Unit 5	Unit 5	Unit 5
Unit 6	Unit 6	6	Unit 6	Unit 6	Unit 6

```
<div class="col-sm-8">  
  <input class="form-control isNumberic" placeholder="Enter SUS No" id="txtSUSNo" minlength="3" maxlength="7" required pattern="[0-9]*" title="Only Numbers allowed"> 50  
</div>  
</div>
```

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.

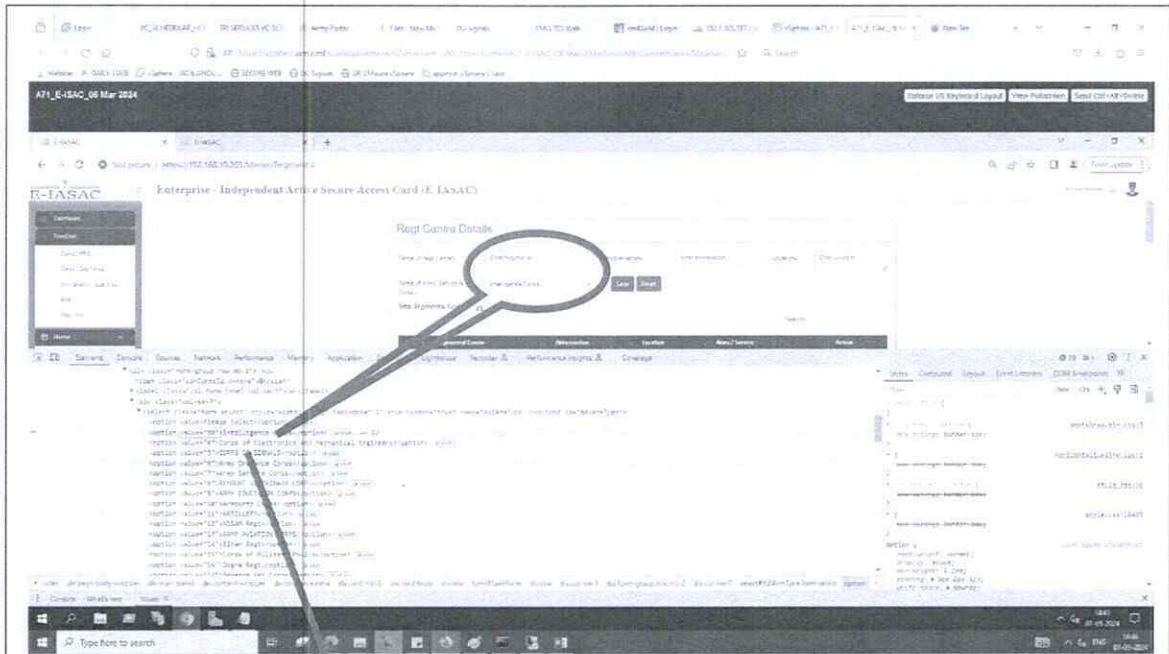
Appx D

Ref Para 2 (d) of AHCC letter No 929/
AHCC/Tech vetting dt 26 May 2024)

VALIDATION CHECK ERRORS

The screenshot displays the E-IASAC (Enterprise - Independent Active Secure Access Card) web application. The main interface shows a table with columns for 'Total Users', 'Mapped', 'Not Mapped', 'Action', 'User ID', 'Workflow', and 'Not Validated'. Below this, a detailed table lists individual users with their IDs, roles, and status. A pop-up window titled 'Domain Registration Details' is visible, showing a 'Select Choice' dropdown and a 'OK' button. A callout box with a speech bubble points to this pop-up, containing the following text:

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>
    <option value="98">Intelligence Corps</option>
    <option value="4">Corps of Electronics and Mechanical Engineering</option>
    <option value="5">CORPS OF SIGNALS</option>
    <option value="6">Army Ordnance Corps</option>
    <option value="7">Army Service Corps</option>
    <option value="8">REMOUNT VETERINARY CORPS</option>
    <option value="9">ARMY EDUCATION CORPS</option>
    <option value="10">Armoured Corps</option>
  </select>
</div>

```

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.