E-Arogya - Feature #258

Feature # 235 (New): [Security Audit Round 2]

[Security Audit Round 2] Weak Password Policy (Repeated)

01/05/2024 12:56 PM - Kalyan Battula

Status:	Ready for Prod	**Start date:**	01/05/2024
Priority:	High	**Due date:**	
Assignee:	Harish Beechani	**% Done:**	0%
Category:		**Estimated time:**	0:00 hour
Target version:	Security Audit	**Spent time:**	0:00 hour
Deployed In:		**Category:**	

Description

Weak Password Policy (Repeated) given repeated in doc but its new
observation : Repeated
CWE : CWE-521
Description :
A weak password policy leaves sensitive data vulnerable to unauthorized access,
increases the risk of security breaches, and can lead to non-compliance with regulations.
It exposes organizations to reputational damage, financial losses, and undermines trust
with stakeholders.
Affected Path(s) :
https://his-user-management-service.satragroup.in/changepassword *-Applicable to
entire application
Impact :
Not implementing a proper password policy, could allow the users to set very easy
password that help the attackers to perform the dictionary attacks and gain access to the
user accounts
Evidence/Proof Of Concept :
Step 1: Password Policy not implemented as shown in below screenshot.
 clipboard-202405011255-7eufi.png

Step 2: Password Policy not implemented as shown in below screenshot
 clipboard-202405011256-u5xtn.png

Recommendation :
Implement a strong password policy that contains:
1. one capital letter
2. one number
3. Minimum 10 characters
4. One special character.
Reference Links:
1. https://www.owasp.org/index.php/Testing_for_default_credentials_(OTGAUTHN-002)
2. https://www.owasp.org/index.php/Testing_for_Weak_password_policy_(OTGAUTHN-007)
3. https://www.owasp.org/index.php/Testing_for_Weak_or_unenforced_username_
policy_(OTG-IDENT-005)
4. https://www.us-cert.gov/ncas/alerts/TA13-175

History

#1 - 02/05/2024 09:34 PM - Vasudev Mamidi

- Assignee set to Harish Beechani

#2 - 03/05/2024 05:27 AM - Sivakanth Kesiraju

- Target version set to Security Audit

#3 - 03/05/2024 05:51 AM - Harish Beechani

- Status changed from New to Resolved

#4 - 10/05/2024 07:17 AM - Harish Beechani

- Status changed from Resolved to Ready for Prod

Files

clipboard-202405011255-7eufi.png	37.6 KB	01/05/2024	Kalyan Battula
clipboard-202405011256-u5xtn.png	76.3 KB	01/05/2024	Kalyan Battula