Evidence E5.1

Our Top claim assures that Magento Software minimizes unauthorized login access that restricts the unauthorized access to the system but with a doubt of if the user password is weak, we address the same with the Sub Claim C5.1 that Magento forces users to set for Complex passwords which are provided by the Evidence E5.1 where the requirements for password includes the uppercase and lower case characters, numbers and special characters with minimum eight characters length [1].

Evidence E5.2

For the Top claim, Magento Software minimizes unauthorized login access the doubt comes like what if the attacker performs a brute force attack then our Sub Claim C5.2 makes sure that all the activities are alerted to Magento admin. But still, if the admin credentials are compromised then the Sub Claim C5.5 assures that Magento facilitates a strong admin login mechanism which is explicitly provided in the Evidence E5.2 Admin login features from Magento like accepting the login mechanism by specific IP Address and by specific email address etc..,[2].

Evidence E5.3

Here we come with doubt like what if the username and password are phished based on our top claim Magento Software minimizes unauthorized login access but that can be supported by Sub Claim C5.3 which is Magento two way authentication but that raises for another doubt like what if one of the two-way authentications is compromised. For the doubt raised, Sub Claim C5.6 answers that Magento facilitates multiple 2-way authentication mechanisms which are provided in the Evidence E5.3 which provides four ways of 2-way authentication like Google, Duo Security, Auth, and U2F [3].

Evidence E5.4

For the top claim, Magento Software minimizes unauthorized access here raises the doubt like what if the access from third-party applications are insecure to support that doubt the Sub Claim C5.4 states that Magento OAuth protocol allows a system to control which third-party applications have access to internal data without revealing or storing any user IDs or passwords. Here raises another doubt that what if Magento OAuth protocol is bypassed. To support that Sub Claim C5.7 states that OAuth uses a token mechanism which is provided by the Evidence E5.4 request token and access token procedure from Magento [4].

[1]- <https://docs.magento.com/user-guide/customers/password-options.html>

[2]- <https://docs.magento.com/user-guide/stores/security-admin.html>

[3]- <https://docs.magento.com/user-guide/stores/security-two-factor-authentication.html>

[4]- <https://devdocs.magento.com/guides/v2.4/get-started/authentication/gs-authentication-oauth.html>