

**KEAMANAN JARINGAN
OWASP**

**A06 – Identification and
Authentication Failures**



OLEH :

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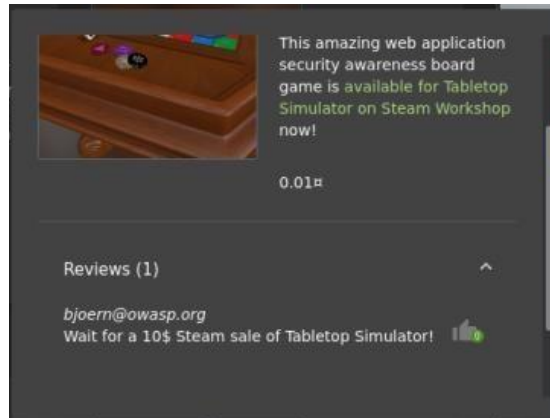
PROGRAM STUDI TEKNIK INFORMATIKA
DEPARTEMEN TEKNIK INFORMATIKA DAN
KOMPUTER POLITEKNIK ELEKTRONIKA
NEGERI SURABAYA

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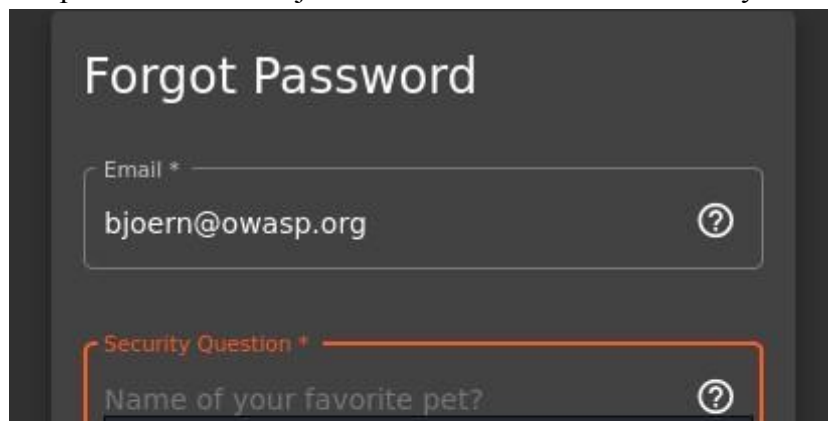
A. PERCOBAAN 1

Pada percobaan satu akan dilakukan reset password dari akun OWASP Bjoern@owasp.org via Forgot Password dengan menjawab pertanyaan keamanan yang diberikan oleh sistem.

1. Mencari akun dari user Bjoern pada review salah satu produk di Juiceshop



2. Inputkan email bjoern@owasp.org pada forgot password page maka akan tampil pertanyaan keamanan dari akun tersebut yang perlu diisi, pertanyaan yang didapatkan dari akun bjoern adalah nama hewan favorit nya.



3. Coba lakukan pencarian hewan favorit dari bjoern pada google, disini hasil yang saya dapatkan adalah Zaya

Bjoern picks Name of your favorite pet? as his security question and - live on camera - answers it truthfully with "Zaya", the name of his family's adorable three-legged cat.

4. Setelah itu masukkan jawaban hewan yang telah kita temukan pada form

The screenshot shows a 'Forgot Password' form with the following elements:

- A 'Security Question' field with a question mark icon.
- A 'New Password *' field with a strength indicator (8/20) and a note: 'Password must be 5-40 characters long.'
- A 'Repeat New Password *' field with a strength indicator (8/20).
- A 'Show password advice' toggle switch.
- A list of password requirements:
 - ✓ contains at least one lower character
 - ✓ contains at least one upper character
 - ✓ contains at least one digit
 - ! contains at least one special character
 - ✓ contains at least 8 characters
- A 'Change' button with a pencil icon.

5. Setelah itu klik change maka password akan berubah

The screenshot shows the 'Forgot Password' form after a successful password change. A green success message is displayed at the top: 'You successfully solved a challenge: Bjoern's Favorite Pet (Reset the password of Bjoern's OWASP account via the Forgot Password mechanism with the original answer to his security question.)'. Below the message, the form fields are empty.

6. Untuk membuktikan berubah atau tidaknya password dari akun bjoern lakukan login menggunakan password yang baru,

The screenshot shows the 'Login' form with the following elements:

- A 'Login' title.
- An 'Email *' field with the value 'bjoern@owasp.org'.
- A 'Password *' field with the value 'Admin123' and a strength indicator (8/20).
- A 'Forgot your password?' link.
- A 'Log in' button with a right arrow icon.
- A 'Remember me' checkbox.
- An 'or' separator.
- A 'Log in with Google' button with the Google logo.

