





~# whoami

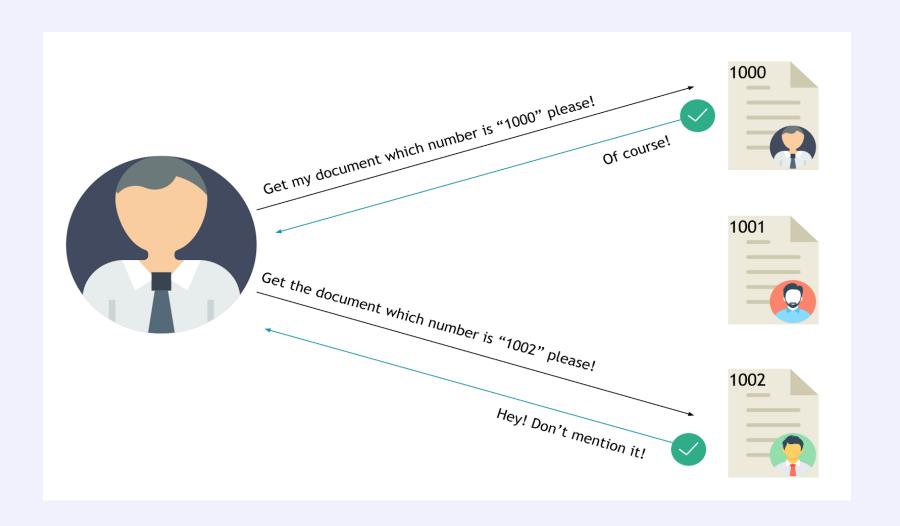
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IDOR occurs when a user supplied input is unvalidated and direct access to the object requested is provided.







This dwells on session management where the user has to be authenticated and/or authorized.



```
http://mybank.com/balance?Id=7809
http://mybank.com/balance?Id=7811
http://mybank.com/balance?Id=7812
http://mybank.com/balance?Id=7813
```

Untrusted data



impact.....

unauthorized information disclosure

modification or destruction of data.

 performing a function outside of the limits of the user.



Prevent it.....

Enforce access control policies such that users cannot act outside of their intended permissions



Prevent it.....

Use *hash function* and use *hashed values* instead of normal numbers or strings.



Prevent it.....

www.example.com/user.php?id=12

www.example.com/user.php?id=*ea3eda3d3w229*



DEMO

BWAPP(<u>www.itsecgames.com</u>)

https://sourceforge.net/projects/bwapp/files/bWAPP/

OWASP WEBGOAT:

https://github.com/WebGoat/WebGoat



- <u>https://www.bugcrowd.com/how-to-find-idor-insecure-direct-object-reference-vulnerabilities-for-large-bounty-rewards/</u>
- https://www.gracefulsecurity.com/idor-insecure-direct-object-reference/
- <u>https://codeburst.io/hunting-insecure-direct-object-reference-vulnerabilities-for-fun-and-profit-part-1-f338c6a52782</u>
- https://medium.com/@woj_ciech/explaining-idor-in-almost-real-life-scenario-in-bug-bounty-program-c214008f8378
- https://blog.detectify.com/2016/05/25/owasp-top-10-insecure-direct-object-reference-4/