

Security Book

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1 Vulnrabilities defined by OWASP

1.1 A4: Insecure Direct Object Reference

Introduction Insecure Direct Object Reference is a common vulnerability which exists in web applications. It occurs if a parameter (e.g. a GET parameter) references a object in the system.

The attacker normally has to be authorized to this system but does not have access to all data.

Example A URL which looks like this: `http://example.net/page.php?user=myuser` provides a page which shows the user data of the logged in user. One can easily change the parameter to show the data of another user: `http://example.net/page.php?user=someotheruser`