**Chapter – 12**

**Security in Web Application**

1. What is Authentication?

* The process of proving your identity to an application.

1. Authentication and authenticated user?
2. What is data integrity?

* This means for proving that a third party hasn’t modified information while it was in transit. If data is modified that means integrity has been lost.

1. What is Realm?

* A Realm is a ‘database’ of usernames and passwords that identify valid users of a web application (or set of we applications), plus an enumeration of the list of roles associated with each valid user.

1. What is security constraint?
2. Write down security constraint diagram?

* Page- 473

1. What are the authentication mechanisms for web applications?

|  |  |
| --- | --- |
| HTTP basic authentication  HTTP digest authentication  HTTPS client authentication  Form-based authentication | <auth-method>BASIC</auth-method> <auth-method>DIGEST</auth-method> <auth-method>CLIENT-CERT</auth-method> <auth-method>FORM</auth-method> |

1. What is form based authentication?