





SSA Knowledgebase




Knowledgebase Search

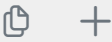
Software Security Test Cases

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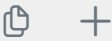
Search



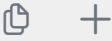
Authentication Testing



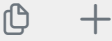
Authorization Testing



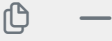
Testing Audit Trails



Testing Session Management



Data Security Testing



Data Security Testing

****1. Test for data security in transit and storage****

Objective: To test if application maintains data security

Test case ID	Description	Expected results
Data.1.1	Validate if data is communicated through secure channel	Data is communicated through secure channel
Data.1.2	Validate if sensitive data (for example user health information, financial data, personal data,	Sensitive data is encrypted using

Test case ID	Description	Expected results
	business critical data etc) is stored in encrypted format and encryption methods	publically scrutinized methods
Data.1.3	Validate if sensitive data is logged	Sensitive data is not logged
Data.1.4	Validate if unhandled error/exception do not reveal sensitive data	Incase of unhandled exception, user is displayed generic message

****2. Test for sensitive data disclosure****

Objective: To test if application discloses sensitive data

Test case ID	Description	Expected results
Data.2.1	Validate if unhandled error/exception do not reveal sensitive data	Incase of unhandled exception, user is displayed generic message
Data.2.2	Validate if sensitive data is disclosed to unauthorized users	Data is disclosed to only authorized users based on their role

Testing for Client Side Attacks



Testing Data Validation



Buffer Overflow Testing



Configuration Testing



Denial of Service Testing



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