Ad-hoc Study x Structured Review

Ad-hoc x Structured

Ad hoc Literature Review X Structured Literature Review				
ADHOC	ID	Report Vulnerabilities	Category	Total number of articles that cite him
AD13	VUL53	Unauthorized Access	Network	18
AD26	VUL48	Lack of Proper Authentication Mechanisms	Network	15
AD1, AD5	VUL21	Insecure Data Transfer and Storage	Device	13
AD26	VUL27	Lack of Strong Authentication	Device	13
AD15	VUL33	Physical Tampering	Device	13
AD13	VUL37	Weak Access Control	Device	13
AD1, AD5	VUL42	Data Leak or Breach	Network	13
AD11	VUL56	Weak/lack Encryption in Communication	Network	13
AD14	VUL44	Fake/Malicious Node	Network	12
AD12, AD13	VUL4	Insecure Access Management	Application	10
AD11	VUL38	Weak/leak of Encrypt	Device	9
AD3, AD20, AD27	VUL22	Insecure Firmware	Device	8
AD22	VUL50	Lack Secure Communication Protocols	Network	7
AD3, AD12, AD16, AD21	VUL7	Insecure Software	Application	6
AD14	VUL17	Device Spoofing	Device	6
AD10, AD25	VUL31	Obtaining Console Access	Device	6
AD12, AD26	VUL1	Broken Authentication	Application	5
AD4	VUL6	Insecure Management of Data	Application	5
AD1, AD5, AD12	VUL16	Default Configuration	Device	5
AD20	VUL32	Physical Damage	Device	5
AD2	VUL24	Insecure Password	Device	4
AD7	VUL54	Unsecured Network	Network	4
AD2	VUL49	Lack of Strong Password	Network	3
AD8, AD12	VUL5	Insecure Interface Configuration	Application	3
AD11, AD12	VUL12	Weak/lack In-app Encryption	Application	2

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AD6, AD12	VUL8	Lack of Active Device Monitoring	Application	1
AD8	VUL39	Insecure physical interface	Device	1
AD3	VUL47	Insecure Update Mechanisms	Network	1
AD18	VUL64	Lack of Technical Support	Peopleware	1
AD19	VUL69	Vendor Security Posture	Peopleware	1

Ad-hoc Study x Structured Review

Ad-hoc Literature Review

Ad hoc Literature Review			
ID	Report Vulnerabilities		
AD22	Account Lockout		
AD11	Application vulnerabilities		
AD12	Incorrect access control		
AD23	Insecure 3rd party components		
AD1	Insecure Data Transfer and Storage		
AD19	Insecure Default Settings		
AD8	Insecure Ecosystem Interfaces		
AD7	Insecure Network Services		
AD20	Insecure or Outdated Components		
AD3	Insecure Update Mechanisms		
AD4	Insufficient Physical Security		
AD5	Insufficient Privacy Protection		
AD13	Intrusion ignorance		
AD6	Lack of Device Management		
AD10	Lack of encryption		
AD14	Lack of Trusted Execution Environment		
AD9	Manipulating the code execution		
AD24	Obtaining console access		
AD15	Outdated software		
AD16	Overly large attack surface		
AD21	TCP/IP Stacks		
AD25	Two-factor Authentication		
AD26	Update Location Writable		
AD17	User interaction		
AD27	Username Enumeration		
AD18	Vendor security posture		

AD2 Weak Passwords

^{*} White markings highlight vulnerabilities that were not associated with the others in the other study, and for this reason are not included in the "Ad-hoc x Structured" table

Ad-hoc Study x Structured Review Structured Literature Review

Structured Literature Review			
ID	Report Vulnerabilities	Category	Total number of articles that cite him
VUL1	Broken Authentication	Application	5
VUL2	Buffer Overflow	Application	7
VUL3	Data Inconsistency	Application	2
VUL4	Insecure Access Management	Application	10
VUL5	Insecure Interface Configuration	Application	3
VUL6	Insecure Management of Data	Application	5
VUL7	Insecure Software	Application	6
VUL8	Lack of Active Device Monitoring	Application	1
VUL9	Low Quality Level Code	Application	1
VUL10	Non-repudiation	Application	4
VUL11	SQL Injections	Application	6
VUL12	Weak/lack In-app Encryption	Application	2
VUL13	Malicious code in-app	Application	3
VUL14	Systems Low-cost	Device	1
VUL15	Channel Voice	Device	2
VUL16	Default Configuration	Device	5
VUL17	Device Spoofing	Device	6
VUL18	Electromagnetic Emanations Leaking	Device	5
VUL19	Energy Restraints	Device	5
VUL20	Heterogeneous Interaction	Device	4
VUL21	Insecure Data Transfer and Storage	Device	13
VUL22	Insecure Firmware	Device	8
VUL23	Insecure Initialization	Device	3
VUL24	Insecure Password	Device	4
VUL25	Insufficient Testing	Device	2

Ad-hoc Study x Structured Review Structured Literature Review

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VUL26	Lack of Side Channel Protection	Device	10
VUL27	Lack of Strong Authentication	Device	13
VUL28	Low Computing Power	Device	12
VUL29	Low Data Transmission Range	Device	2
VUL30	Malicious Code Injection	Device	6
VUL31	Obtaining Console Access	Device	6
VUL32	Physical Damage	Device	6
VUL33	Physical Tampering	Device	13
VUL34	Sleep Deprivation	Device	8
VUL35	Tag Cloning	Device	2
VUL36	Unprotected Physical Access	Device	12
VUL37	Weak Access Control	Device	13
VUL38	Weak/leak of Encrypt	Device	9
VUL39	Insecure physical interface	Device	1
VUL40	Channel Interference	Network	11
VUL41	Communication Overhead	Network	1
VUL42	Data Leak or Breach	Network	13
VUL43	Eavesdropping	Network	11
VUL44	Fake/Malicious Node	Network	12
VUL45	Heterogeneous Communication	Network	7
VUL46	Insecure Server	Network	3
VUL47	Insecure Update Mechanisms	Network	1
VUL48	Lack of Proper Authentication Mechanisms	Network	15
VUL49	Lack of Strong Password	Network	3
VUL50	Lack Secure Communication Protocols	Network	7
VUL51	Configure network repeatedly	Network	1
VUL52	Spoofing Signal	Network	3
VUL53	Unauthorized Access	Network	18

Ad-hoc Study x Structured Review Structured Literature Review

VUL54	Unsecured Network	Network	4
VUL55	Unused Ports Enable	Network	5
VUL56	Weak/lack Encryption in Communication	Network	13
VUL57	Physical properties of the power system	Network	2
VUL58	Wifi De-authentication	Network	1
VUL59	Insecure traffic control	Network	1
VUL60	Centralized architecture	Network	2
VUL61	Access Malicious Link	Peopleware	3
VUL62	Identifying the Product Vendor	Peopleware	1
VUL63	Knowledge the System	Peopleware	3
VUL64	Lack of Technical Support	Peopleware	1
VUL65	Personal and Social Circumstances	Peopleware	5
VUL66	Phishing	Peopleware	10
VUL67	Social Engineering	Peopleware	6
VUL68	Untrusted Device Acquisition	Peopleware	1
VUL69	Vendor Security Posture	Peopleware	1

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