

Developer Report

Acunetix Security Audit

2024-07-01

Scan of developer3.penang.gov.my

Scan details

Scan information	
Start time	2024-07-01T12:54:11.337144+08:00
Start url	https://developer3.penang.gov.my/app_pintas/
Host	developer3.penang.gov.my
Scan time	2 minutes, 48 seconds
Profile	Full Scan
Server information	Apache/2.4.41 (Ubuntu)
Responsive	True
Server OS	Unix
Server technologies	PHP
Application build	24.6.240626115

Threat level

Acunetix Threat Level 4

One or more critical-severity type vulnerabilities have been discovered by the scanner. A malicious user can exploit these vulnerabilities and compromise the backend database and/or deface your website.

Alerts distribution

Total alerts found	41
 Critical	3
 High	6
 Medium	13
 Low	4
 Informational	15

Alerts summary

Handlebars CVE-2021-23369 Vulnerability

Classification		
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: Low User Interaction: None Confidentiality Impact to the Vulnerable System: High Integrity Impact to the Vulnerable System: High Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H Base Score: 9.8 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: High Integrity Impact: High Availability Impact: High	
CVE	CVE-2021-23369	
Affected items		Variation
Web Server		1

Handlebars Improper Neutralization of Special Elements in Output Used by a Downstream Component ('Injection') Vulnerability

Classification		
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: Low User Interaction: None Confidentiality Impact to the Vulnerable System: High Integrity Impact to the Vulnerable System: High Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	

CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H Base Score: 9.8 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: High Integrity Impact: High Availability Impact: High	
CWE	CWE-138	
CVE	CVE-2019-19919	
Affected items		Variation
Web Server		1

 Handlebars Other Vulnerability

Classification		
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: Low User Interaction: None Confidentiality Impact to the Vulnerable System: High Integrity Impact to the Vulnerable System: High Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H Base Score: 9.8 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: High Integrity Impact: High Availability Impact: High	
CVE	CVE-2021-23383	
Affected items		Variation
Web Server		1

 Chart.js Improper Input Validation Vulnerability

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:L Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: Low
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H Base Score: 7.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: High
CWE	CWE-20
CVE	CVE-2020-7746
Affected items	Variation
Web Server	1

⚠ Handlebars Improper Control of Generation of Code ('Code Injection') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:H/VI:L/VA:L/SC:N/SI:N/SA:N Base Score: 8.3 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: High Integrity Impact to the Vulnerable System: Low Availability Impact to the Vulnerable System: Low Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:C/C:H/I:L/A:L Base Score: 8.1 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: None Scope: Changed Confidentiality Impact: High Integrity Impact: Low Availability Impact: Low
CWE	CWE-94
CVE	CVE-2019-20920

Affected items	Variation
Web Server	1

 Handlebars Loop with Unreachable Exit Condition ('Infinite Loop') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:L Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: Low
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H Base Score: 7.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: High
CWE	CWE-835
CVE	CVE-2019-20922
Affected items	Variation
Web Server	1

 jQuery Validation Other Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:L Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: Low

CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H Base Score: 7.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: High	
CVE	CVE-2022-31147	
Affected items		Variation
Web Server		1

 jQuery Validation Other Vulnerability

Classification		
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:L Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: Low	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H Base Score: 7.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: High	
CVE	CVE-2021-43306	
Affected items		Variation
Web Server		1

 jQuery Validation Uncontrolled Resource Consumption Vulnerability

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:L Base Score: 8.7 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: High Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: Low
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H Base Score: 7.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: High
CWE	CWE-400
CVE	CVE-2021-21252
Affected items	Variation
Web Server	1

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability	
Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None
CWE	CWE-707
CVE	CVE-2018-14040

Affected items	Variation
Web Server	1

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None
CWE	CWE-707
CVE	CVE-2018-14042

Affected items	Variation
Web Server	1

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None

CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None	
CWE	CWE-707	
CVE	CVE-2018-14041	
Affected items		Variation
Web Server		1

Development configuration files

Classification		
CVSS4	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:A/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 2.1 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: Low Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:L/I:N/A:N Base Score: 3.1 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Required Scope: Unchanged Confidentiality Impact: Low Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 5.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: Partial Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	

CWE	CWE-538
Affected items	Variation
Web Server	1

⬆ HTTP Strict Transport Security (HSTS) Policy Not Enabled

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: None Integrity Impact: None Availability Impact: None
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined
CWE	CWE-16
Affected items	Variation
Web Server	1

⬆ jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None
CWE	CWE-707
CVE	CVE-2015-9251
Affected items	Variation
Web Server	1

jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None
CWE	CWE-707
CVE	CVE-2020-11023

Affected items	Variation
Web Server	1

 jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None
CWE	CWE-707
CVE	CVE-2020-23064
Affected items	Variation
Web Server	1

 jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Classification	
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None

CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None	
CWE	CWE-707	
CVE	CVE-2020-11022	
Affected items		Variation
Web Server		1

JQuery Prototype Pollution Vulnerability

Classification		
CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:L/SI:L/SA:N Base Score: 5.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: Low Integrity Impact to the Subsequent System: Low Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N Base Score: 6.1 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None	
CVE	CVE-2019-11358	
Affected items		Variation
Web Server		1

Vulnerable JavaScript libraries

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:N/SC:N/SI:N/SA:N Base Score: 6.9 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: Low Integrity Impact to the Vulnerable System: Low Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N Base Score: 6.5 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: Low Integrity Impact: Low Availability Impact: None	
CVSS2	Base Score: 6.4 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: Partial Integrity Impact: Partial Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-937	
Affected items		Variation
Web Server		3

⌵ Cookies Not Marked as HttpOnly

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-1004	
Affected items		Variation
Web Server		1

Cookies Not Marked as Secure

Classification

CVSS4	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:A/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 2.1 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: Low Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:L/I:N/A:N Base Score: 3.1 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Required Scope: Unchanged Confidentiality Impact: Low Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 2.6 Access Vector: Network_accessible Access Complexity: High Authentication: None Confidentiality Impact: Partial Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-614	
Affected items		Variation
Web Server		1

Cookies with missing, inconsistent or contradictory properties

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-284	
Affected items		Variation
Web Server		1

▼ **Missing Content-Type Header**

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-16	
Affected items		Variation
Web Server		1

 Content Security Policy (CSP) Not Implemented

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-1021	
Affected items		Variation
Web Server		1

 Error page web server version disclosure

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 6.9 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: Low Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N Base Score: 5.3 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: Low Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 5.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: Partial Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-200	
Affected items		Variation
Web Server		1

 Generic Email Address Disclosure

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Unchanged Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-200	
Affected items		Variation
Web Server		1

 Outdated JavaScript libraries

Classification

CVSS4	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:C/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: High Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: High Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-937	
Affected items		Variation
Web Server		9

 **Permissions-Policy header not implemented**

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:A/VC:N/VI:N/VA:N/SC:N/SI:N/SA:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Active Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: None Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: Required Scope: Changed Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-1021	
Affected items		Variation
Web Server		1

 Subresource Integrity (SRI) Not Implemented

Classification

CVSS4	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N Base Score: 6.9 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Confidentiality Impact to the Vulnerable System: None Integrity Impact to the Vulnerable System: Low Availability Impact to the Vulnerable System: None Confidentiality Impact to the Subsequent System: None Integrity Impact to the Subsequent System: None Availability Impact to the Subsequent System: None	
CVSS3	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:N Base Score: 0.0 Attack Vector: Network Attack Complexity: Low Privileges Required: None User Interaction: None Scope: Changed Confidentiality Impact: None Integrity Impact: None Availability Impact: None	
CVSS2	Base Score: 0.0 Access Vector: Network_accessible Access Complexity: Low Authentication: None Confidentiality Impact: None Integrity Impact: None Availability Impact: None Exploitability: Not_defined Remediation Level: Not_defined Report Confidence: Not_defined Availability Requirement: Not_defined Collateral Damage Potential: Not_defined Confidentiality Requirement: Not_defined Integrity Requirement: Not_defined Target Distribution: Not_defined	
CWE	CWE-830	
Affected items		Variation
/app_pintas/fr_faq.php		1
/app_pintas/login.php		1

Alerts details

Handlebars CVE-2021-23369 Vulnerability

Severity	Critical
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

The package handlebars before 4.7.7 are vulnerable to Remote Code Execution (RCE) when selecting certain compiling options to compile templates coming from an untrusted source.

Impact

Recommendation

References

[CVE-2021-23369](https://nvd.nist.gov/vuln/detail/CVE-2021-23369) (https://nvd.nist.gov/vuln/detail/CVE-2021-23369)

[CVE-2021-23369](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-23369) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-23369)

Affected items

Web Server
Details
handlebars.js v4.0.10-4.0.10
Request headers

Handlebars Improper Neutralization of Special Elements in Output Used by a Downstream Component ('Injection') Vulnerability

Severity	Critical
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

Versions of handlebars prior to 4.3.0 are vulnerable to Prototype Pollution leading to Remote Code Execution. Templates may alter an Object's `__proto__` and `__defineGetter__` properties, which may allow an attacker to execute arbitrary code through crafted payloads.

Impact

Recommendation

References

[CVE-2019-19919](https://nvd.nist.gov/vuln/detail/CVE-2019-19919) (https://nvd.nist.gov/vuln/detail/CVE-2019-19919)

[CVE-2019-19919](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-19919) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-19919)

Affected items

Web Server

Details
handlebars.js v4.0.10-4.0.10
Request headers

Handlebars Other Vulnerability

Severity	Critical
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

The package handlebars before 4.7.7 are vulnerable to Prototype Pollution when selecting certain compiling options to compile templates coming from an untrusted source.

Impact

Recommendation

References

[CVE-2021-23383](https://nvd.nist.gov/vuln/detail/CVE-2021-23383) (<https://nvd.nist.gov/vuln/detail/CVE-2021-23383>)
[CVE-2021-23383](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-23383) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-23383>)

Affected items

Web Server
Details
handlebars.js v4.0.10-4.0.10
Request headers

Chart.js Improper Input Validation Vulnerability

Severity	High
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

This affects the package chart.js before 2.9.4. The options parameter is not properly sanitized when it is processed. When the options are processed, the existing options (or the defaults options) are deeply merged with provided options. However, during this operation, the keys of the object being set are not checked, leading to a prototype pollution.

Impact

Recommendation

References

[CVE-2020-7746](https://nvd.nist.gov/vuln/detail/CVE-2020-7746) (<https://nvd.nist.gov/vuln/detail/CVE-2020-7746>)
[CVE-2020-7746](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-7746) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-7746>)

Affected items

Web Server
Details
chart.js v2.7.1-2.7.1
Request headers

⚠ Handlebars Improper Control of Generation of Code ('Code Injection') Vulnerability

Severity	High
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

Handlebars before 3.0.8 and 4.x before 4.5.3 is vulnerable to Arbitrary Code Execution. The lookup helper fails to properly validate templates, allowing attackers to submit templates that execute arbitrary JavaScript. This can be used to run arbitrary code on a server processing Handlebars templates or in a victim's browser (effectively serving as XSS).

Impact

Recommendation

References

[CVE-2019-20920](https://nvd.nist.gov/vuln/detail/CVE-2019-20920) (<https://nvd.nist.gov/vuln/detail/CVE-2019-20920>)
[CVE-2019-20920](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-20920) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-20920>)

Affected items

Web Server
Details
handlebars.js v4.0.10-4.0.10
Request headers

⚠ Handlebars Loop with Unreachable Exit Condition ('Infinite Loop') Vulnerability

Severity	High
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

Handlebars before 4.4.5 allows Regular Expression Denial of Service (ReDoS) because of eager matching. The parser may be forced into an endless loop while processing crafted templates. This may allow attackers to exhaust system resources.

Impact

Recommendation

References

[CVE-2019-20922](https://nvd.nist.gov/vuln/detail/CVE-2019-20922) (<https://nvd.nist.gov/vuln/detail/CVE-2019-20922>)
[CVE-2019-20922](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-20922) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-20922>)

Affected items

Web Server
Details
handlebars.js v4.0.10-4.0.10
Request headers

 jQuery Validation Other Vulnerability

Severity	High
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

The jQuery Validation Plugin (jquery-validation) provides drop-in validation for forms. Versions of jquery-validation prior to 1.19.5 are vulnerable to regular expression denial of service (ReDoS) when an attacker is able to supply arbitrary input to the url2 method. This is due to an incomplete fix for CVE-2021-43306. Users should upgrade to version 1.19.5 to receive a patch.

Impact

Recommendation

References

- [CVE-2022-31147 \(https://nvd.nist.gov/vuln/detail/CVE-2022-31147\)](https://nvd.nist.gov/vuln/detail/CVE-2022-31147)
- [CVE-2022-31147 \(http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-31147\)](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-31147)

Affected items

Web Server
Details
jquery validation v1.17.0-1.17.0
Request headers

 jQuery Validation Other Vulnerability

Severity	High
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

An exponential ReDoS (Regular Expression Denial of Service) can be triggered in the jquery-validation npm package, when an attacker is able to supply arbitrary input to the url2 method

Impact

Recommendation

References

[CVE-2021-43306](https://nvd.nist.gov/vuln/detail/CVE-2021-43306) (<https://nvd.nist.gov/vuln/detail/CVE-2021-43306>)
[CVE-2021-43306](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-43306) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-43306>)

Affected items

Web Server
Details
jquery validation v1.17.0-1.17.0
Request headers

 jQuery Validation Uncontrolled Resource Consumption Vulnerability

Severity	High
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

The jQuery Validation Plugin provides drop-in validation for your existing forms. It is published as an npm package "jquery-validation". jquery-validation before version 1.19.3 contains one or more regular expressions that are vulnerable to ReDoS (Regular Expression Denial of Service). This is fixed in 1.19.3.

Impact

Recommendation

References

[CVE-2021-21252](https://nvd.nist.gov/vuln/detail/CVE-2021-21252) (<https://nvd.nist.gov/vuln/detail/CVE-2021-21252>)
[CVE-2021-21252](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-21252) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-21252>)

Affected items

Web Server
Details
jquery validation v1.17.0-1.17.0
Request headers

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

In Bootstrap before 4.1.2, XSS is possible in the collapse data-parent attribute.

Impact

Recommendation

References

[CVE-2018-14040](https://nvd.nist.gov/vuln/detail/CVE-2018-14040) (https://nvd.nist.gov/vuln/detail/CVE-2018-14040)
[CVE-2018-14040](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14040) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14040)

Affected items

Web Server
Details
bootstrap.js v4.0.0-4.0.0
Request headers

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

In Bootstrap before 4.1.2, XSS is possible in the data-container property of tooltip.

Impact

Recommendation

References

[CVE-2018-14042](https://nvd.nist.gov/vuln/detail/CVE-2018-14042) (https://nvd.nist.gov/vuln/detail/CVE-2018-14042)
[CVE-2018-14042](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14042) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14042)

Affected items

Web Server
Details
bootstrap.js v4.0.0-4.0.0
Request headers

 Bootstrap Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

In Bootstrap before 4.1.2, XSS is possible in the data-target property of scrollspy.

Impact

Recommendation

References

[CVE-2018-14041](https://nvd.nist.gov/vuln/detail/CVE-2018-14041) (<https://nvd.nist.gov/vuln/detail/CVE-2018-14041>)

[CVE-2018-14041](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14041) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-14041>)

Affected items

Web Server

Details

bootstrap.js v4.0.0-4.0.0

Request headers

Development configuration files

Severity

Medium

Reported by module

/Scripts/PerFolder/Development_Files.script

Description

One or more configuration files (e.g. Vagrantfile, Gemfile, Rakefile, ...) were found. These files may expose sensitive information that could help a malicious user to prepare more advanced attacks. It's recommended to remove or restrict access to this type of files from production systems.

Impact

These files may disclose sensitive information. This information can be used to launch further attacks.

Recommendation

Remove or restrict access to all configuration files accessible from internet.

Affected items

Web Server

Details

Development configuration files:

- https://developer3.penang.gov.my/app_pintas/.gitignore

```
.gitignore => Git configuration file. Git is a free and open source distributed versi
```

Request headers


```
GET /app_pintas/.gitignore HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive
```

HTTP Strict Transport Security (HSTS) Policy Not Enabled

Severity	Medium
Reported by module	/httpdata/HSTS_not_implemented.js

Description

HTTP Strict Transport Security (HSTS) tells a browser that a web site is only accessible using HTTPS. It was detected that your web application doesn't implement HTTP Strict Transport Security (HSTS) as the Strict Transport Security header is missing from the response.

Impact

HSTS can be used to prevent and/or mitigate some types of man-in-the-middle (MitM) attacks

Recommendation

It's recommended to implement HTTP Strict Transport Security (HSTS) into your web application. Consult web references for more information

References

hstspreload.org (<https://hstspreload.org/>)
[Strict-Transport-Security](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Strict-Transport-Security) (<https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Strict-Transport-Security>)

Affected items

Web Server
Details
URLs where HSTS is not enabled: - https://developer3.penang.gov.my/app_pintas/login.php - https://developer3.penang.gov.my/app_pintas/fr_faq.php - https://developer3.penang.gov.my/app_pintas/fr_penafian.php - https://developer3.penang.gov.my/app_pintas/fr_terma.php - https://developer3.penang.gov.my/app_pintas/login-ajax.php - https://developer3.penang.gov.my/app_pintas/popup.php - https://developer3.penang.gov.my/app_pintas/register.php

Request headers

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjppqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

 jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/Scripts/PerFile/Javascript_Libraries_Audit.script

Description

jQuery before 3.0.0 is vulnerable to Cross-site Scripting (XSS) attacks when a cross-domain Ajax request is performed without the dataType option, causing text/javascript responses to be executed.

Impact

Recommendation

References

- [CVE-2015-9251](https://nvd.nist.gov/vuln/detail/CVE-2015-9251) (<https://nvd.nist.gov/vuln/detail/CVE-2015-9251>)
- [CVE-2015-9251](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2015-9251) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2015-9251>)

Affected items

Web Server
Details
jquery v1.11.2-1.11.2
Request headers

 jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

In jQuery versions greater than or equal to 1.0.3 and before 3.5.0, passing HTML containing <option> elements from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. .html(), .append(), and others) may execute untrusted code. This problem is patched in jQuery 3.5.0.

Impact

Recommendation

References

[CVE-2020-11023](https://nvd.nist.gov/vuln/detail/CVE-2020-11023) (https://nvd.nist.gov/vuln/detail/CVE-2020-11023)
[CVE-2020-11023](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-11023) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-11023)

Affected items

Web Server
Details
jquery v3.2.1-3.2.1
Request headers

jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

Cross Site Scripting vulnerability in jQuery 2.2.0 through 3.x before 3.5.0 allows a remote attacker to execute arbitrary code via the <options> element.

Impact

Recommendation

References

[CVE-2020-23064](https://nvd.nist.gov/vuln/detail/CVE-2020-23064) (https://nvd.nist.gov/vuln/detail/CVE-2020-23064)
[CVE-2020-23064](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-23064) (http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-23064)

Affected items

Web Server
Details
jquery v3.2.1-3.2.1
Request headers

jQuery Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') Vulnerability

Severity	Medium
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

In jQuery versions greater than or equal to 1.2 and before 3.5.0, passing HTML from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. `.html()`, `.append()`, and others) may execute untrusted code. This problem is patched in jQuery 3.5.0.

Impact

Recommendation

References

[CVE-2020-11022](https://nvd.nist.gov/vuln/detail/CVE-2020-11022) (<https://nvd.nist.gov/vuln/detail/CVE-2020-11022>)

[CVE-2020-11022](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-11022) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-11022>)

Affected items

Web Server

Details

jquery v3.2.1-3.2.1

Request headers

jQuery Prototype Pollution Vulnerability

Severity	Medium
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

jQuery before 3.4.0, as used in Drupal, Backdrop CMS, and other products, mishandles `jQuery.extend(true, {}, ...)` because of Object.prototype pollution. If an unsanitized source object contained an enumerable `__proto__` property, it could extend the native Object.prototype.

Impact

Recommendation

References

[CVE-2019-11358](https://nvd.nist.gov/vuln/detail/CVE-2019-11358) (<https://nvd.nist.gov/vuln/detail/CVE-2019-11358>)

[CVE-2019-11358](http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-11358) (<http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2019-11358>)

Affected items

Web Server

Details

⬆ Vulnerable JavaScript libraries

Severity	Medium
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

You are using one or more vulnerable JavaScript libraries. One or more vulnerabilities were reported for this version of the library. Consult Attack details and Web References for more information about the affected library and the vulnerabilities that were reported.

Impact

Consult References for more information.

Recommendation

Upgrade to the latest version.

Affected items

Web Server

Details

- **jQuery 3.2.1**

- URL: https://developer3.penang.gov.my/app_pintas/login.php
- Detection method: The library's name and version were determined based on its dynamic behavior.
- CVE-ID: CVE-2020-11022, CVE-2020-11023, CVE-2019-11358
- Description: In jQuery versions greater than or equal to 1.2 and before 3.5.0, passing HTML from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. `.html()`, `.append()`, and others) may execute untrusted code. This problem is patched in jQuery 3.5.0. / In jQuery versions greater than or equal to 1.0.3 and before 3.5.0, passing HTML containing option elements from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. `.html()`, `.append()`, and others) may execute untrusted code. This problem is patched in jQuery 3.5.0. / jQuery mishandles `jQuery.extend(true, {}, ...)` because of Object.prototype pollution. If an unsanitized source object contained an enumerable `__proto__` property, it could extend the native Object.prototype.
- References:
 - <https://blog.jquery.com/2020/04/10/jquery-3-5-0-released/>
 - <https://mksben.io/cm/2020/05/jquery3.5.0-xss.html>
 - <https://jquery.com/upgrade-guide/3.5/>
 - <https://api.jquery.com/jQuery.htmlPrefilter/>
 - <https://www.cvedetails.com/cve/CVE-2020-11022/>
 - <https://github.com/advisories/GHSA-gxr4-xjj5-5px2>
 - <https://www.cvedetails.com/cve/CVE-2020-11023/>
 - <https://github.com/advisories/GHSA-jpcq-cgw6-v4j6>
 - <https://github.com/jquery/jquery/pull/4333>
 - <https://nvd.nist.gov/vuln/detail/CVE-2019-11358>
 - <https://nvd.nist.gov/vuln/detail/CVE-2019-5428>
 - <https://blog.jquery.com/2019/04/10/jquery-3-4-0-released/>

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **handlebars.js 4.0.10**
 - URL: https://developer3.penang.gov.my/app_pintas/login.php
 - Detection method: The library's name and version were determined based on its dynamic behavior.
 - CVE-ID: N/A
 - Description: Unsafe direct call of helperMissing and blockHelperMissing / Prototype pollution
 - References:
 - <https://github.com/wycats/handlebars.js/blob/master/release-notes.md#v430---september-24th-2019>
 - <https://github.com/wycats/handlebars.js/blob/master/release-notes.md#v453---november-18th-2019>

Request headers

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Verified vulnerability

Details

• jQuery 1.11.2

- URL: https://developer3.penang.gov.my/app_pintas/assets/wowslider/jquery.js
- Detection method: The library's name and version were determined based on the file's syntax fingerprint, and contents. Acunetix verified the library version and the associated vulnerabilities with the file's unique syntax fingerprint, which matched the syntax fingerprint expected by Acunetix.
- CVE-ID: CVE-2015-9251, CVE-2020-11022, CVE-2020-11023
- Description: Possible Cross Site Scripting via third-party text/javascript responses / In jQuery versions greater than or equal to 1.2 and before 3.5.0, passing HTML from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. .html(), .append(), and others) may execute untrusted code. This problem is patched in jQuery 3.5.0. / In jQuery versions greater than or equal to 1.0.3 and before 3.5.0, passing HTML containing option elements from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. .html(), .append(), and others) may execute untrusted code. This problem is patched in jQuery 3.5.0.
- References:
 - <https://github.com/jquery/jquery/issues/2432>
 - <http://blog.jquery.com/2016/01/08/jquery-2-2-and-1-12-released/>
 - <https://blog.jquery.com/2020/04/10/jquery-3-5-0-released/>
 - <https://mksben.io/cm/2020/05/jquery3.5.0-xss.html>
 - <https://jquery.com/upgrade-guide/3.5/>
 - <https://api.jquery.com/jQuery.htmlPrefilter/>
 - <https://www.cvedetails.com/cve/CVE-2020-11022/>
 - <https://github.com/advisories/GHSA-gxr4-xjj5-5px2>
 - <https://www.cvedetails.com/cve/CVE-2020-11023/>
 - <https://github.com/advisories/GHSA-jpcq-cgw6-v4j6>

Request headers

GET /app_pintas/assets/wowslider/jquery.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

✓ Cookies Not Marked as HttpOnly

Severity	Low
Reported by module	/RPA/Cookie_Without_HttpOnly.js

Description

One or more cookies don't have the HttpOnly flag set. When a cookie is set with the HttpOnly flag, it instructs the browser that the cookie can only be accessed by the server and not by client-side scripts. This is an important security protection for session cookies.

Impact

Cookies can be accessed by client-side scripts.

Recommendation

If possible, you should set the HttpOnly flag for these cookies.

Affected items

Web Server
Verified vulnerability
Details
Cookies without HttpOnly flag set: https://developer3.penang.gov.my/app_pintas/ Set-Cookie: PHPSESSID=24dhoedc8hrlbtjppqdo3u77qnd; path=/
Request headers
GET /app_pintas/ HTTP/1.1
Referer: https://developer3.penang.gov.my/app_pintas/
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,br
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36
Host: developer3.penang.gov.my
Connection: Keep-alive

Cookies Not Marked as Secure

Severity	Low
Reported by module	/RPA/Cookie_Without_Secure.js

Description

One or more cookies does not have the Secure flag set. When a cookie is set with the Secure flag, it instructs the browser that the cookie can only be accessed over secure SSL/TLS channels. This is an important security protection for session cookies.

Impact

Cookies could be sent over unencrypted channels.

Recommendation

If possible, you should set the Secure flag for these cookies.

Affected items

Web Server

Verified vulnerability

Details

Cookies without Secure flag set:

- https://developer3.penang.gov.my/app_pintas/

```
Set-Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd; path=/
```

Request headers

GET /app_pintas/ HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip, deflate, br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

✓ Cookies with missing, inconsistent or contradictory properties

Severity

Low

Reported by module

/RPA/Cookie_Validator.js

Description

At least one of the following cookies properties causes the cookie to be invalid or incompatible with either a different property of the same cookie, or with the environment the cookie is being used in. Although this is not a vulnerability in itself, it will likely lead to unexpected behavior by the application, which in turn may cause secondary security issues.

Impact

Cookies will not be stored, or submitted, by web browsers.

Recommendation

Ensure that the cookies configuration complies with the applicable standards.

References

[MDN | Set-Cookie](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Set-Cookie) (https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Set-Cookie)

[Securing cookies with cookie prefixes](https://www.sjoerdlangkemper.nl/2017/02/09/cookie-prefixes/) (https://www.sjoerdlangkemper.nl/2017/02/09/cookie-prefixes/)

[Cookies: HTTP State Management Mechanism](https://tools.ietf.org/html/draft-ietf-httpbis-rfc6265bis-05) (https://tools.ietf.org/html/draft-ietf-httpbis-rfc6265bis-05)

Affected items

Web Server

Verified vulnerability

Details

List of cookies with missing, inconsistent or contradictory properties:

- https://developer3.penang.gov.my/app_pintas/

Cookie was set with:

Set-Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd; path=/

This cookie has the following issues:

- Cookie without SameSite attribute.

When cookies lack the SameSite attribute, Web browsers may apply different and someti

Request headers

GET /app_pintas/ HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Missing Content-Type Header

Severity	Low
Reported by module	/RPA/Content_Type_Missing.js

Description

These page(s) does not set a Content-Type header value. This value informs the browser what kind of data to expect. If this header is missing, the browser may incorrectly handle the data. This could lead to security problems.

Impact

None

Recommendation

Set a Content-Type header value for these page(s).

Affected items

Web Server
Verified vulnerability
Details
Pages where the content-type header is not specified: https://developer3.penang.gov.my/app_pintas/.gitignore
Request headers
GET /app_pintas/.gitignore HTTP/1.1
Referer: https://developer3.penang.gov.my/app_pintas/
Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,br
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36
Host: developer3.penang.gov.my
Connection: Keep-alive

 Content Security Policy (CSP) Not Implemented

Severity	Informational
Reported by module	/httpdata/CSP_not_implemented.js

Description

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks.

Content Security Policy (CSP) can be implemented by adding a **Content-Security-Policy** header. The value of this header is a string containing the policy directives describing your Content Security Policy. To implement CSP, you should define lists of allowed origins for the all of the types of resources that your site utilizes. For example, if you have a simple site that needs to load scripts, stylesheets, and images hosted locally, as well as from the jQuery library from their CDN, the CSP header could look like the following:

```
Content-Security-Policy:
  default-src 'self';
  script-src 'self' https://code.jquery.com;
```

It was detected that your web application doesn't implement Content Security Policy (CSP) as the CSP header is missing from the response. It's recommended to implement Content Security Policy (CSP) into your web application.

Impact

CSP can be used to prevent and/or mitigate attacks that involve content/code injection, such as cross-site scripting/XSS attacks, attacks that require embedding a malicious resource, attacks that involve malicious use of iframes, such as clickjacking attacks, and others.

Recommendation

It's recommended to implement Content Security Policy (CSP) into your web application. Configuring Content Security Policy involves adding the **Content-Security-Policy** HTTP header to a web page and giving it values to control resources the user agent is allowed to load for that page.

References

[Content Security Policy \(CSP\)](https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP) (https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP)
[Implementing Content Security Policy](https://hacks.mozilla.org/2016/02/implementing-content-security-policy/) (https://hacks.mozilla.org/2016/02/implementing-content-security-policy/)

Affected items

Web Server
Details
Paths without CSP header: - https://developer3.penang.gov.my/app_pintas/login.php - https://developer3.penang.gov.my/app_pintas/fr_faq.php - https://developer3.penang.gov.my/app_pintas/fr_penafian.php - https://developer3.penang.gov.my/app_pintas/fr_terma.php - https://developer3.penang.gov.my/app_pintas/popup.php - https://developer3.penang.gov.my/app_pintas/register.php
Request headers
GET /app_pintas/login.php HTTP/1.1 Referer: https://developer3.penang.gov.my/app_pintas/ Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8 Accept-Encoding: gzip,deflate,br User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36 Host: developer3.penang.gov.my Connection: Keep-alive

Error page web server version disclosure

Severity	Informational
Reported by module	/Scripts/PerServer/Error_Page_Path_Disclosure.script

Description

Application errors or warning messages may disclose sensitive information about an application's internal workings to an attacker.

Acunetix found the web server version number and a list of modules enabled on the target server. Consult the 'Attack details' section for more information about the affected page.

Impact

Error messages information about an application's internal workings may be used to escalate attacks.

Recommendation

Properly configure the web server not to disclose information about an application's internal workings to the user. Consult the 'Web references' section for more information.

References

[Custom Error Responses \(Apache HTTP Server\)](https://httpd.apache.org/docs/current/custom-error.html) (https://httpd.apache.org/docs/current/custom-error.html)
[server tokens \(Nginx\)](http://nginx.org/en/docs/http/nginx_http_core_module.html#server_tokens) (http://nginx.org/en/docs/http/nginx_http_core_module.html#server_tokens)
[Remove Unwanted HTTP Response Headers \(Microsoft IIS\)](https://blogs.msdn.microsoft.com/varunm/2013/04/23/remove-unwanted-http-response-headers/)
(https://blogs.msdn.microsoft.com/varunm/2013/04/23/remove-unwanted-http-response-headers/)

Affected items

Web Server

Details

Request headers

GET /dR2d26QVh8 HTTP/1.1

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Generic Email Address Disclosure

Severity	Informational
Reported by module	/httpdata/text_search.js

Description

One or more email addresses have been found on this website. The majority of spam comes from email addresses harvested off the internet. The spam-bots (also known as email harvesters and email extractors) are programs that scour the internet looking for email addresses on any website they come across. Spambot programs look for strings like myname@mydomain.com and then record any addresses found.

Impact

Email addresses posted on Web sites may attract spam.

Recommendation

Check references for details on how to solve this problem.

References

[Anti-spam techniques](https://en.wikipedia.org/wiki/Anti-spam_techniques) (https://en.wikipedia.org/wiki/Anti-spam_techniques)

Affected items

Web Server
Details
Emails found: https://developer3.penang.gov.my/app_pintas/login.php epintas@penang.gov.my
Request headers
GET /app_pintas/login.php HTTP/1.1
Referer: https://developer3.penang.gov.my/app_pintas/
Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,br
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36
Host: developer3.penang.gov.my
Connection: Keep-alive

 Outdated JavaScript libraries

Severity	Informational
Reported by module	/deepscan/javascript_library_audit_deepscan.js

Description

You are using an outdated version of one or more JavaScript libraries. A more recent version is available. Although your version was not found to be affected by any security vulnerabilities, it is recommended to keep libraries up to date.

Impact

Consult References for more information.

Recommendation

Upgrade to the latest version.

Affected items

Web Server
Details
• Ion.RangeSlider 2.2.0 ◦ URL: https://developer3.penang.gov.my/app_pintas/login.php ◦ Detection method: The library's name and version were determined based on its dynamic behavior. ◦ References: ▪ https://github.com/IonDen/ion.rangeSlider/tags
Request headers
GET /app_pintas/login.php HTTP/1.1 Referer: https://developer3.penang.gov.my/app_pintas/ Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8 Accept-Encoding: gzip,deflate,br User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36 Host: developer3.penang.gov.my Connection: Keep-alive
Web Server
Details
• jsTree 3.3.4 ◦ URL: https://developer3.penang.gov.my/app_pintas/login.php ◦ Detection method: The library's name and version were determined based on its dynamic behavior. ◦ References: ▪ https://github.com/vakata/jstree/tags
Request headers

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **SweetAlert2 7.1.0**
 - URL: https://developer3.penang.gov.my/app_pintas/login.php
 - Detection method: The library's name and version were determined based on its dynamic behavior.
 - References:
 - <https://github.com/sweetalert2/sweetalert2/releases>

Request headers

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **bootstrap.js 4.0.0**
 - URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
 - Detection method: The library's name and version were determined based on the file's contents.
 - References:
 - <https://github.com/twbs/bootstrap/releases>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **jQuery Validation 1.17.0**

- URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
- Detection method: The library's name and version were determined based on the file's contents.
- References:
 - <https://github.com/jquery-validation/jquery-validation/tags>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **Select2 4.0.6-rc.1**

- URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
- Detection method: The library's name and version were determined based on the file's contents.
- References:
 - <https://github.com/select2/select2/tags>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **JavaScript Cookie 2.2.0**
 - URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
 - Detection method: The library's name and version were determined based on the file's contents.
 - References:
 - <https://github.com/js-cookie/js-cookie/releases>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **Chart.js 2.7.1**
 - URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
 - Detection method: The library's name and version were determined based on the file's contents.
 - References:
 - <https://github.com/chartjs/Chart.js/releases>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Web Server

Details

- **clipboard.js 1.7.1**
 - URL: https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js
 - Detection method: The library's name and version were determined based on the file's contents.
 - References:
 - <https://github.com/zenorocha/clipboard.js/releases>

Request headers

GET /app_pintas/assets/vendors/base/vendors.bundle.js HTTP/1.1

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Permissions-Policy header not implemented

Severity	Informational
Reported by module	/httpdata/permissions_policy.js

Description

The Permissions-Policy header allows developers to selectively enable and disable use of various browser features and APIs.

Impact

Recommendation

References

[Permissions-Policy / Feature-Policy \(MDN\)](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Feature-Policy) (https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Feature-Policy)
[Permissions Policy \(W3C\)](https://www.w3.org/TR/permissions-policy-1/) (https://www.w3.org/TR/permissions-policy-1/)

Affected items

Web Server
Details
Locations without Permissions-Policy header: - https://developer3.penang.gov.my/app_pintas/login.php - https://developer3.penang.gov.my/app_pintas/assets/app/media/img/bg/ - https://developer3.penang.gov.my/app_pintas/image/slide/ - https://developer3.penang.gov.my/app_pintas/fr_faq.php - https://developer3.penang.gov.my/app_pintas/fr_penafian.php - https://developer3.penang.gov.my/app_pintas/fr_terma.php - https://developer3.penang.gov.my/app_pintas/login-ajax.php - https://developer3.penang.gov.my/app_pintas/popup.php - https://developer3.penang.gov.my/app_pintas/manual/ - https://developer3.penang.gov.my/app_pintas/register.php - https://developer3.penang.gov.my/app_pintas/rest/ - https://developer3.penang.gov.my/app_pintas/image/slide/apps/ - https://developer3.penang.gov.my/app_pintas/tcpdf/ - https://developer3.penang.gov.my/app_pintas/includes/ - https://developer3.penang.gov.my/app_pintas/image/popup/ - https://developer3.penang.gov.my/app_pintas/image/ - https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/forms/widgets/ - https://developer3.penang.gov.my/app_pintas/assets/app/media/img/error/ - https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/flaticon/ - https://developer3.penang.gov.my/app_pintas/assets/global/ - https://developer3.penang.gov.my/app_pintas/assets/
Request headers
GET /app_pintas/login.php HTTP/1.1 Referer: https://developer3.penang.gov.my/app_pintas/ Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8 Accept-Encoding: gzip,deflate,br User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36 Host: developer3.penang.gov.my Connection: Keep-alive

Subresource Integrity (SRI) Not Implemented

Severity	Informational
Reported by module	/RPA/SRI_Not_Implemented.js

Description

Subresource Integrity (SRI) is a security feature that enables browsers to verify that third-party resources they fetch (for example, from a CDN) are delivered without unexpected manipulation. It works by allowing developers to provide a cryptographic hash that a fetched file must match.

Third-party resources (such as scripts and stylesheets) can be manipulated. An attacker that has access or has hacked the hosting CDN can manipulate or replace the files. SRI allows developers to specify a base64-encoded cryptographic hash of the resource to be loaded. The integrity attribute containing the hash is then added to the `<script>` HTML element tag. The integrity string consists of a base64-encoded hash, followed by a prefix that depends on the hash algorithm. This prefix can either be sha256, sha384 or sha512.

The script loaded from the external URL specified in the Details section doesn't implement Subresource Integrity (SRI). It's recommended to implement Subresource Integrity (SRI) for all the scripts loaded from external hosts.

Impact

An attacker that has access or has hacked the hosting CDN can manipulate or replace the files.

Recommendation

Use the SRI Hash Generator link (from the References section) to generate a `<script>` element that implements Subresource Integrity (SRI).

For example, you can use the following `<script>` element to tell a browser that before executing the `https://example.com/example-framework.js` script, the browser must first compare the script to the expected hash, and verify that there's a match.

```
<script src="https://example.com/example-framework.js"
      integrity="sha384-oqVuAfXRKap7fdgcCY5uykM6+R9GqQ8K/uxy9rx7HNQlGYl1kPzQh0lwx4JwY8wC"
      crossorigin="anonymous"></script>
```

References

[Subresource Integrity](https://developer.mozilla.org/en-US/docs/Web/Security/Subresource_Integrity) (https://developer.mozilla.org/en-US/docs/Web/Security/Subresource_Integrity)
[SRI Hash Generator](https://www.srihash.org/) (https://www.srihash.org/)

Affected items

/app_pintas/fr_faq.php

Details

Pages where SRI is not implemented:

- https://developer3.penang.gov.my/app_pintas/fr_faq.php
Script SRC: **https://www.google.com/recaptcha/api.js?onload=CaptchaCallback&render=explicit**

Request headers

GET /app_pintas/fr_faq.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/login.php

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

/app_pintas/login.php

Details

Pages where SRI is not implemented:

- https://developer3.penang.gov.my/app_pintas/login.php
Script SRC: **https://ajax.googleapis.com/ajax/libs/webfont/1.6.16/webfont.js**

Request headers

GET /app_pintas/login.php HTTP/1.1

Referer: https://developer3.penang.gov.my/app_pintas/

Cookie: PHPSESSID=24dhoedc8hrlbtjpqdo3u77qnd

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Encoding: gzip,deflate,br

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/125.0.0.0 Safari/537.36

Host: developer3.penang.gov.my

Connection: Keep-alive

Scanned items (coverage report)

<https://developer3.penang.gov.my/>

https://developer3.penang.gov.my/app_pintas/

https://developer3.penang.gov.my/app_pintas/.gitignore

https://developer3.penang.gov.my/app_pintas/assets/

https://developer3.penang.gov.my/app_pintas/assets/app/

https://developer3.penang.gov.my/app_pintas/assets/app/js/

https://developer3.penang.gov.my/app_pintas/assets/app/js/dashboard.js

https://developer3.penang.gov.my/app_pintas/assets/app/media/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/bg/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/error/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/files/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/icons/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/misc/

https://developer3.penang.gov.my/app_pintas/assets/app/media/img/users/

https://developer3.penang.gov.my/app_pintas/assets/demo/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/base/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/base/scripts.bundle.js

https://developer3.penang.gov.my/app_pintas/assets/demo/default/base/style.bundle.css

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/base/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/base/treeview.js

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/forms/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/forms/widgets/

https://developer3.penang.gov.my/app_pintas/assets/demo/default/custom/components/forms/widgets/select2.js

https://developer3.penang.gov.my/app_pintas/assets/demo/default/media/

https://developer3.penang.gov.my/app_pintas/assets/demo/demo11/

https://developer3.penang.gov.my/app_pintas/assets/demo/demo11/base/

https://developer3.penang.gov.my/app_pintas/assets/demo/demo11/base/style.bundle.css

https://developer3.penang.gov.my/app_pintas/assets/demo/demo11/base/style.bundle.rtl.css

https://developer3.penang.gov.my/app_pintas/assets/demo/demo6/

https://developer3.penang.gov.my/app_pintas/assets/demo/demo6/base/

https://developer3.penang.gov.my/app_pintas/assets/demo/demo6/base/scripts.bundle.js

https://developer3.penang.gov.my/app_pintas/assets/global/

https://developer3.penang.gov.my/app_pintas/assets/jquery.gmap/

https://developer3.penang.gov.my/app_pintas/assets/jquery.gmap/jquery.gmap.min.js

https://developer3.penang.gov.my/app_pintas/assets/snippets/

https://developer3.penang.gov.my/app_pintas/assets/snippets/pages/

https://developer3.penang.gov.my/app_pintas/assets/snippets/pages/user/

https://developer3.penang.gov.my/app_pintas/assets/snippets/pages/user/login.js

https://developer3.penang.gov.my/app_pintas/assets/vendors/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/flaticon/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/font-awesome/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/line-awesome/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/metronic/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/socicon/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/fonts/summernote/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/images/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/images/ion-rangeslider/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/images/jstree/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/images/malihu-custom-scrollbar-plugin/

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.css

https://developer3.penang.gov.my/app_pintas/assets/vendors/base/vendors.bundle.js

https://developer3.penang.gov.my/app_pintas/assets/vendors/custom/

https://developer3.penang.gov.my/app_pintas/assets/vendors/custom/fullcalendar/

https://developer3.penang.gov.my/app_pintas/assets/vendors/custom/fullcalendar/fullcalendar.bundle.css
https://developer3.penang.gov.my/app_pintas/assets/wowslider/
https://developer3.penang.gov.my/app_pintas/assets/wowslider/jquery.js
https://developer3.penang.gov.my/app_pintas/assets/wowslider/script.js
https://developer3.penang.gov.my/app_pintas/assets/wowslider/style.css
https://developer3.penang.gov.my/app_pintas/assets/wowslider/wowslider.js
https://developer3.penang.gov.my/app_pintas/fr_faq.php
https://developer3.penang.gov.my/app_pintas/fr_penafian.php
https://developer3.penang.gov.my/app_pintas/fr_terma.php
https://developer3.penang.gov.my/app_pintas/image/
https://developer3.penang.gov.my/app_pintas/image/popup/
https://developer3.penang.gov.my/app_pintas/image/slide/
https://developer3.penang.gov.my/app_pintas/image/slide/apps/
https://developer3.penang.gov.my/app_pintas/includes/
https://developer3.penang.gov.my/app_pintas/includes/commonFunc.js
https://developer3.penang.gov.my/app_pintas/index.php
https://developer3.penang.gov.my/app_pintas/login-ajax.php
https://developer3.penang.gov.my/app_pintas/login.php
https://developer3.penang.gov.my/app_pintas/manual/
https://developer3.penang.gov.my/app_pintas/popup.php
https://developer3.penang.gov.my/app_pintas/register.php
https://developer3.penang.gov.my/app_pintas/rest/
https://developer3.penang.gov.my/app_pintas/tcpdf/