Healthy Web Report

"Healthy Web" programme is a remote web testing service of the web-interfaced system conducted by HKIRC. The purpose of this testing service is to assist ".hk" users in reviewing the use of security technology on their website.

! Notice: The information generated in this report is non-binding and meant to be informative in nature, and are not intended to exhaustively identify or definitively reflect the checked domain's level of cybersecurity and/or resistance against cyberattacks. Users are encouraged to seek professional advice where required.

Assessment Summary

Profile	
Domain	hkirc.hk
Case Number	D1001
Report Date	January 17, 2023
URL:	www.hkirc.hk/zh-hant
Item passed:	**0 of 12**

Recommendation
To improve the performance of your website, please refer to the following information for some useful tips and best practices: 1. X-Frame-Options Header 2. X-Content-Type-Options Header 3. Cache-control and Pragma HTTP Header Set 4. Cookie HttpOnly Flag 5. Cookie Secure Flag

Assessment		
Category	**Result**	**Description**
Http/Https	✔	The website is secure.
Cookie settings	✔	Cookie is set properly.
Server version	⚠	The server version is exposed.
Information disclosure	⚠	The information is potentially exposed.
Website configuration	*(gauge: Fair / Good / Great)*	The website configuration is good.

Assessment Details		
Category	**Potential Risk**	**Potential Impact**
Http/Https	1. Insecure page content found.	• Increase risk of sensitive information leakage due to insecure connections.
Cookie Setting	2. Cookie HttpOnly Flag: One of HTTP header fields is missing or set improperly.	• Increase risk of sensitive information leakage due to improper cookies setting.
	3. Cookie Secure Flag: One of HTTP header fields is missing or set improperly.	• Increase risk of sensitive information leakage due to insecure connections.
Server Version	4. Information via "X-Powered-By" HTTP Response Header Field(s): One of HTTP header fields is missing or set improperly.	• Increase risk of server information leakage.
Information disclosure	5. Improper error handling found.	• Increase risk of disclosure of website logic.
	6. Information disclosure found.	• Increase risk of disclosure of website logic.
Website Configuration	7. X-Frame-Options header: One of HTTP header fields is missing or set improperly.	• Increase risk of 'ClickJacking' attacks.
	8. X-Content-Type-Options Header: One of HTTP header fields is missing or set improperly.	• Increase risk of Content sniffing.
	9. Anti-CSRF tokens were NOT found in a HTML submission form.	• Increase risk of unauthorized commands.
	10. Cache-control and Pragma HTTP Header Set: One of HTTP header fields is missing or set improperly.	• Increase risk of personal information leakage due to improper shared caches.
	11. Third-party script file found.	• Increase risk of malicious JavaScript from a third-party domain.
	12. The identified library jQuery version is vulnerable or outdated.	• Increase risk of JavaScript library's security vulnerabilities exploitation. • Increase risk of cross-site scripting, cross-site request forgery, and buffer overflow.

Disclaimer

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