

HanWEB 2.7 To 4.5 Comparison List (HKSAR Government Edition)

Features	Description	HanWEB 2.7	HanWEB 3.0	HanWEB 3.5	HanWEB 4.0	HanWEB 4.5
Security	Sanitization of URLs of the external domains originated from the original web pages	✗	✗	✗	✗	✓
	Encrypted mechanism in modifying HanWEB system configuration files	✗	✗	✗	✗	✓
	Manual Blocking function to all external website redirection	✓	✓	✓	✓	✓
	Automatic Blocking function to all external website redirection	✗	✗	✗	✗	✓
	Security enhancement to Whitelist setting for trusted external domains	✗	✗	✗	✗	✓
	Upgrade to latest version of OpenSSL (Version 1.0)	✗	✗	✗	✗	✓
	Alert system on access to suspicious links via HanWEB	✗	✗	✗	✗	✓
	Support TLS 1.1 and TLS 1.2	✗	✗	✗	✗	✓
	Mitigate The BEAST (Browser Exploit Against SSL / TLS) attack	✗	✗	✗	✗	✓
WCAG	Support language attribute on HTML element Related to Success Criterion 3.1.1: Language of Page (Reference: http://www.w3.org/TR/UNDERSTANDING-WCAG20/meaning-do-c-lang-id.html)	✗	✗	✗	✗	✓

Security Service for HanWEB 4.5

- A full web vulnerability assessment (WVA) service on the domain using HanWEB to be certified by accredited IT security professional
- Identification of all external links by WVA and compilation of a white-list containing the sanitized links.
- Two hours training on the new security module on HanWEB 4.5
- Onsite installation and configuration
- 12 months warranty upon confirmation of delivery

Feature	Description	HanWEB 2.7	HanWEB 3.0	HanWEB 3.5	HanWEB 4.0	HanWEB 4.5	
Basic Features	Bi-directional Big5 to GB translation server	✓	✓	✓	✓	✓	
	CJK Font Server	✓	✓	✓	✓	✓	
	Supported File type:						
	HTML	✓	✓	✓	✓	✓	
	CSS	✓	✓	✓	✓	✓	
	JavaScript	✓	✓	✓	✓	✓	
	PHP	✗	✗	✓	✓	✓	
	ASP	✗	✗	✓	✓	✓	
	JSP	✗	✗	✓	✓	✓	
		✗	✓	✓	✓	✓	
		✗	✓	✓	✓	✓	
		✗	✓	✓	✓	✓	
	Supported character set:						
	ISO-8859-1	✓	✓	✓	✓	✓	
	Big5	✓	✓	✓	✓	✓	
	Big5-HKSCS	✓	✓	✓	✓	✓	
	GB2312	✓	✓	✓	✓	✓	
	UTF-8 and Unicode	✗	3.2✓	✓	✓	✓	
	Support Proxy	✓	✓	✓	✓	✓	
HanWEB servers redirection	✓	✓	✓	✓ (GUI)	✓		
Image replace	✓	✓	✓	✓ (Enhanced GUI editor)	✓		
User-friendly interface for accept and deny domains.	✓	✓	✓	✓	✓		

Blocked IP	✓	✓	✓	✓	✓
HanWEB parameter aliases	✗	3.2✓	✓	✓	✓
Multiple-website configuration (Profile based)	✗	✓	✓	✓	✓
URL-based display of a user-defined disclaimer page	✗	✓	✓	✓	✓
Profile-based one-to-many character mapping	✗	✓	✓	✓	✓
Query string substring replacement	✗	✓	✓	✓	✓
URL-based multiple query expansion, i.e. expansion of query string containing characters with more than one mapping.	✗	✓	✓	✓	✓
Form submission translation bypass	✗	✓	✓	✓	✓
HanWEB server host mapping	✗	✓	✓	✓	✓
Support asymmetric translation, i.e. translate requests and responses in different translation mode	✗	✓	✓	✓	✓
Support International domain name such as Chinese domain name	✗	3.2✓	✓	✓	✓
Pass W3C validation	✗	✗	✓	✓	✓
HanWEB runs on Service	✗	3.2✓	✓	✓	✓
Product key to limit features of HanWEB	✗	✗	✗	✓	✓
File extension control	✗	✗	✗	✓	✓
File size control	✗	✓	✓	✓	✓
Accept or Deny a single HTML page	✗	✗	✗	✓	✓
Online vocabulary database update	✗	✗	✗	✓	✓
Web Statistic analysis	✗	✗	✓	✓	✓
Support AJAX	✗	✗	✗	✓	✓
Support multiple IP	✗	✓	✓	✓	✓

	Support IP version 6	✘	✘	✘	✓	✓
	Support 64 bit OS	✘	✘	✓	✓	✓
Network Security	OpenSSL library	✓ (old)	✓	✓	✓	✓ (Support V1.0)
	Support SSL version 2.0	✘	✘	✓	✓	✓
	Support SSL version 3.0	✘	✘	✓	✓	✓
	Support TLS version 1.0	✘	✘	✓	✓	✓
	Filter module prevent Cross-site scripting(XSS)	✘	✘	✓	✓	✓
	Support CA certificate chain	✘	✘	✓	✓	✓