Qualys WAS 4.7 New Features

We are pleased to announce Qualys Web Application Scanning 4.7 (WAS) featuring new and enhanced support for redundant and customizable link checks.

Feature Highlights:

• Enhanced Support for Redundant and Customizable Link Checks

Redundant and Customizable Link Checks

Qualys WAS now allows for a way for customers to specify fully customizable patterns of redundant links so that a WAS scan may not spend all its time crawling the similar links.

Users can now specify the patterns corresponding to redundant links, and the max occurrence for each pattern. This is also possible now through the sitemap feature, to create a pattern for the redundant links.

Web Application Create Dialog

A new section "Redundant Links" is now added to allow users to specify an optional list of regular expressions for matching these redundant link patterns.

Step 6 of 11			Specify redundant links in your web application		
1	Asset Details	~	Redundant Links	(*) REQUIRED FIEL	
2	Application Details	1	Specify links in the web applications for which contents are the same and b much time crawling and assessing these URLs. Links shall be specified as specify an expression to match a list of links.		
3	Scan Settings	V	Enter each regular expression on a new line (Shift + Enter).		
4	DNS Override	1			
5	Crawl Settings	1			
6	Redundant Links	1			
7	Authentication				
8	Crawl Exclusion Lists		Check guide on how to format your regular expressions.		
9	Malware Monitoring		Specify the number of instances of each link identified by above regexpes s	shall be tested	
10	Comments		Max. Links to Crawl* 5		
11	Review And Confirm				

A guide link has now been added at the bottom of the text area field to display the hint tooltip.

Veb Application Creation		Turn help tips: On Off Launch help 🗙	0 of 28	
	Specify redundant links in your web	application		
Step 6 of 11	Specify redundant links in your web a	application	Scanned	
1 Asset Details 🛞 🖌	Redundant Links	(*) REQUIRED FIELDS	-	
2 Application Details 🛷	much time crawling and assessing these URLs.	ontents are the same and because of which scan may spend too Links shall be specified as regular expressions so that you can	18 Sep 2015	
3 Scan Settings 🖌	specify an expression to match a list of links.		-	
3 Scan Settings 🖌	http://WASUI-5625.ga.gualys.com/{\d}	Validation regular expression		1
4 DNS Override 🖌		All regular expressions are in PCRE format.		I
5 Crawl Settings 🖋		For web application form authentication, the regular expression must n pattern on a page that is not accessible to an unauthenticated user. A g may be a "logout" link that is displayed only when the user has success	jood choice	
🌀 Redundant Links 🛷		authenticated. You can enter a maximum of 1024 characters. No bounding delimiters are necessary, the entire string is considered to	he redex	l
7 Authentication 🛷		This means that syntax like /foo/ or #foo# is not required. The / or # cha familiar in Perl or Python are needed for those languages to delimit the don't need those delimiters.	racters	
8 Crawl Exclusion 🖌		Only standard PCRE metacharacters need to be escaped:		l
9 Malware Monitoring 🖌	Check <u>guide</u> on how to format your regular expressions. Specify the number of instances of each link ide			I
		\\ literal backslash Or escaping metacharacters to match a literal cha	racter	I
10 Comments 🖌	Max. Links to Crawi* 3	\ match a dot rather than anything		I
11 Review And Confirm		\? match a question mark rather than interpret it as a 0 or 1 quantifier examples	Some more	I
The Neview And Commit		Admin match the word Admin anywhere		ŀ
		.* match anything 0 or more times		ļ
Cancel		a+ match the letter 'a' one or more times		I
		successful/slogin match "successful login" separated by a space, ta line	b, or new	I
# vulnerabilities	High Severity Medium	*response\$ match the word response, with anchors to the beginning the input.	g and end of	I
		ine input.		J

Review step

This step has a new section called Redundant Links with the number of links specified. If at least one link is available, a user can click on the link to display the list of all regular expressions included.

tep 11 of 11		Review and confirm web application settings
1 Asset Details	0 🗸	Proxy None
2 Application D	etails 🛷	Duration
3 Scan Settings	s 🖉	Cancel Scan Disabled
4 DNS Override	1	Crawl Selenium scripts
5 Crawl Setting	s 🛷	
6 Redundant Li	nks 🛷	Redundant Links
7 Authentication	n 🖌	Entries 1 entry
8 Crawl Exclusi Lists	ion 🛷	Max. Links to Crawl 3
9 Malware Moni	itoring 🖌	Authentication Records
10 Comments	1	-
1) Review And C	Confirm	Crawl exclusion lists
		White List

Step 11 of 11			Review and confirm web application settings	
1	Asset Details 🔇	~	Proxy None	
2	Application Details	1	Duration	
3	Scan Settings	4	Cancel Scan Disabled	
4	DNS Override	1	Crawl Selenium scripts	
5	Crawl Settings	~		
6	Redundant Links	~	Redundant Links Entries	
7	Authentication	~	1 entry	
8	Crawl Exclusion Lists	1	Max. Links to Crawl 3	
9	Malware Monitoring	~	Authentication Records	
10	Comments	~	-	
1	Review And Confirm		Crawl exclusion lists White List	
			white List	

Web Application View Dialog

In the Web Application View Dialog, Redundant Links has been added with the number of regular expressions set and maximum number of attempts.

View Mode		Specify redundant links in your web application		
Asset Details 🚷	>	Redundant Links 2 entries		
Application Details	>	Max. Links to Crawl 5		
Scan Settings	>			
DNS Override	>			
Crawl Settings	>			
Redundant Links	>			
Authentication	>			
Crawl Exclusion Lists	>			
Malware Monitoring	>			
Comments	>			
Action Log	>			

Clicking on the number will open a dialog with the list of expressions.

View Mode	Specify redundant links in your web application	
Asset Details 🛞	Redundant Links Expressions	
Application Detail	The web application WASUI-5597 has the following 2 entries defined:	
Scan Settings	URI	
DNS Override	http://www.meyer-mode.nl/product/([a-z0-9A-Z -]+)-(\d{6}).html?_group=(\d{6})	
Crawl Settings	http://www.meyer-mode.nl/product/([a-z0-9A-Z[-]+)-(\d(3)).html?_group=(\d(3))	
Redundant Links		
Authentication		
Crawl Exclusion L		
Malware Monitorir		
Comments	Close	
Action Log	×	

For existing records or for entries without links, only a text box notifying the user that no links exist will be displayed.

View Mode		Specify redundant links in your web application
Asset Details 🔇	>	Redundant Links
Application Details	>	No redundant link entries have been set.
Scan Settings	>	
DNS Override	>	
Crawl Settings	>	
Redundant Links	>	
Authentication	>	
Crawl Exclusion Lists	>	
Malware Monitoring	>	
Comments	>	
Action Log	>	

Web Application Edit Dialog

Changes are identical for the Create dialog, where we display the new Redundant Links step.

Edit Mode		Specify redundant links in your web application	
Asset Details 🛞	>	Redundant Links	(*) REQUIRED FIE
Application Details	>	Specify links in the web applications for which contents are the sam much time crawling and assessing these URLs. Links shall be specify an expression to match a list of links.	
Scan Settings	>	http://www.meyer-mode.nl/product/([a-z0-9A-Z -]+)-(\d http://www.meyer-mode.nl/product/([a-z0-9A-Z -]+)-(\d	d{6}).html\?_group=(\d{6})
DNS Override	>	nttp://www.meyer-mode.n/product/([a-zu-9A-z]-]+)-(\d	a{3}).ntmi\?_ <u>droup</u> =(\a{3})
Crawl Settings	>		
Redundant Links	- 5		
Authentication	>		
Crawl Exclusion Lists	>	Check guide on how to format your regular expressions.	
Malware Monitoring	>	Check guide on now to tomat your regular expressions. Specify the number of instances of each link identified by above reg	gexpes shall be tested
Comments	>	Max. Links to Crawl* 5	
Action Log			