

Safeguard against *Unicode Attack* Your Website is in **DANGER!!!**

Spamming Attack

An appl e a day keeps dorctor away!	An appl e a day k e e ps dor ct o r away!
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Phishing: a crime to steal your information by faking a website

Phishing Attack

www.ICBC.com	www.ICBC.com
www.1CBC.com ("1" is "one")	
www.google.com	www.google.com
WWW.YAH00.COM	www.yahoo.com

www.中国银行.com	www.中国银行.com
www.中国銀行.com	
www.美國.net	www.美国.net
www.和記黃埔.com	www.和记黃埔.com

Unicode Attack

e	b	a	y
0065	0062	0061	0079
ê	ḃ	ḁ	ÿ
0117	1E05	FF41	0443
e	ḃ	ḁ	y
FF45	1E07	1EA1	0079

Comparison of generated similar character lists of U+94F6: 银

Similarity Rank	Pixel-overlapping based assessment		KDE based assessment	
	Similarity	Char Code and Char	Similarity 1-KDE	Char Code and Char
1	0.765574	U+953F: 𠄟	0.94583	U+9503: 𠄣
2	0.75	U+9530: 𠄠	0.9448	U+9512: 𠄢
...
11	0.724194	U+9512: 银	0.91583	U+94B7: 𠄧

Can you Tell Which is True?

Sample Phishing Cases We Caught

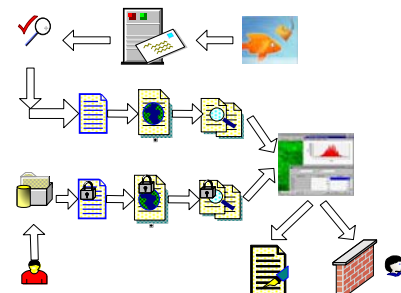


The Campaign Continues...

18-May-05 NCUA 05-Jul-05 SouthTrust 03-Oct-05 eBay 05-Oct-05 Amazon

We keep your website safe from above attacks and provide comprehensive solutions.

- ✓ Automated Detection Mechanism
- ✓ Domain Name Protection
- ✓ Webpage Appearance Protection
- ✓ Evolve with Technology Measures



Try it by: Sending Suspected Email to report@antiphishing.cs.cityu.edu.hk

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<http://antiphishing.cs.cityu.edu.hk>