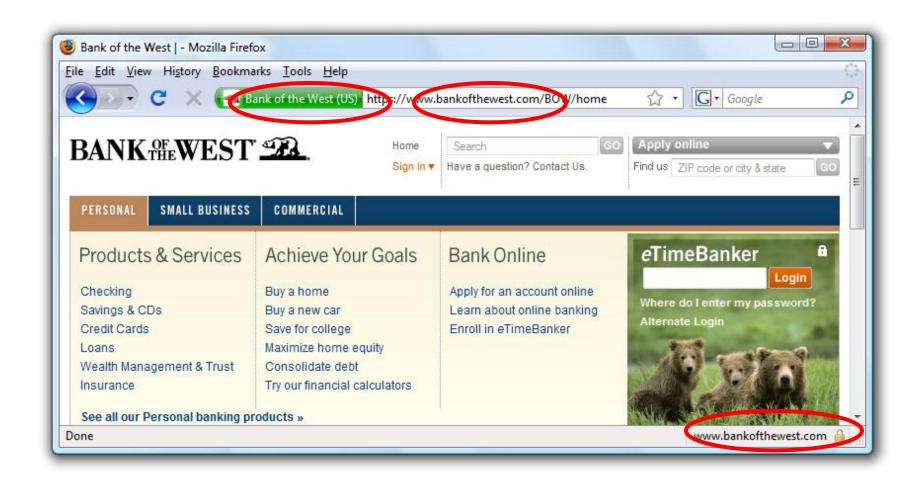
Phishing Emails

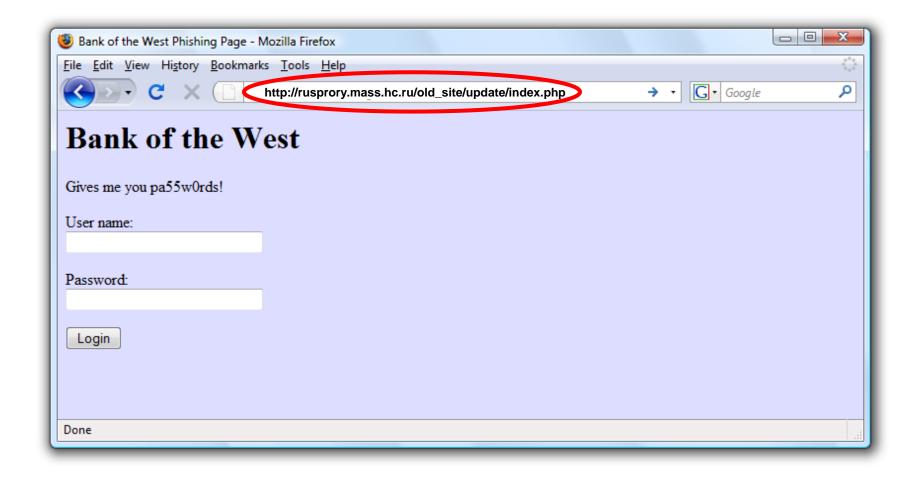




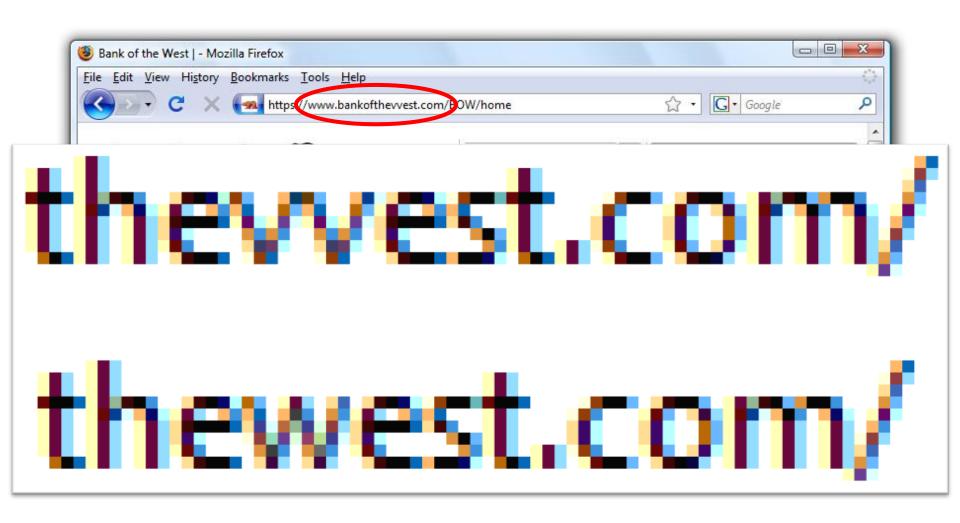
Legitimate: Extended Validation



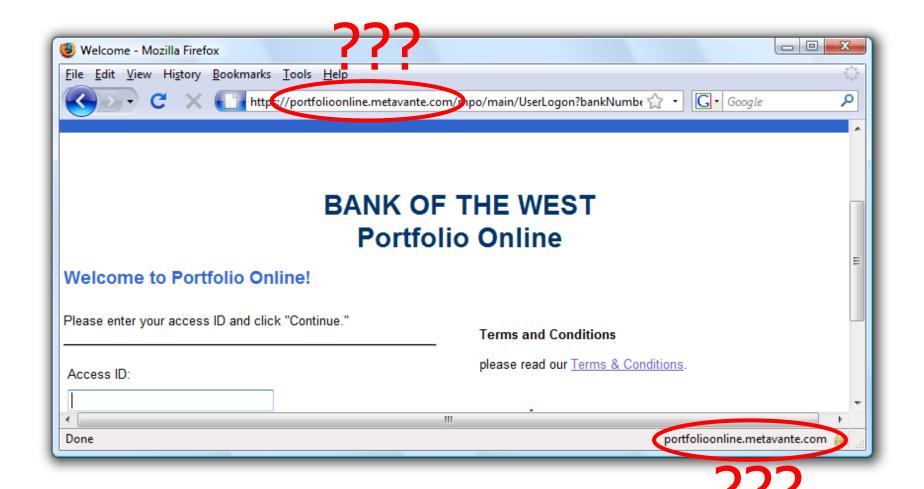
Obviously Illegitimate



Look-alike Characters



Legitimate Partners Can Look Fishy



International Character Sets

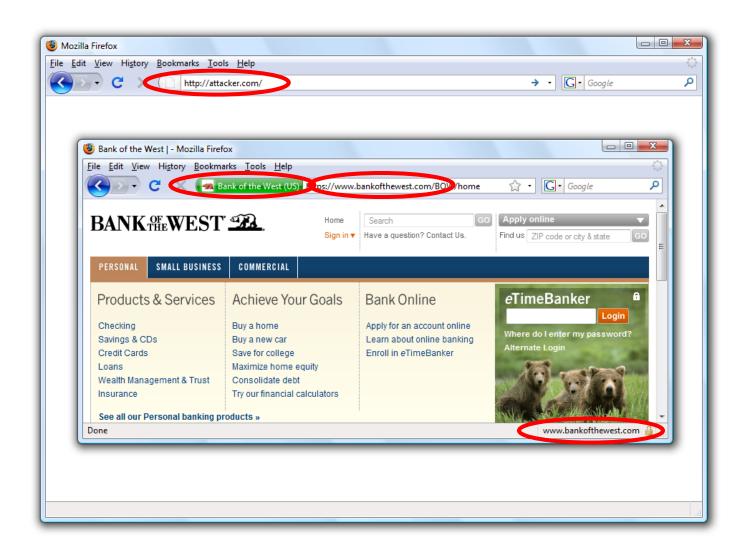
What does this URL refer to?

www.bank.com/accounts/login.php?q=me.badguy.cn

Chinese characters that look like "/", "?", and "="

This is a host name only!

Picture in picture



HTTPS Indicators

HTTP

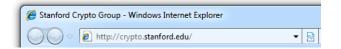
HTTPS

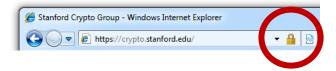
Firefox 10



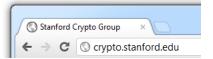


IE 8





Chrome 17





Extended Validation Certificates

Normal HTTPS Extended Firefox 10 stanford.edu https://crypto.stanford.edu Charles Schwab & Co., Inc (US) https://www.schwab.com 餐 Online Trading & Investing | Investment Services | Charles Schwab - Windows Internet Stanford Crypto Group - Windows Internet Explorer IE8 ▼ 🔒 🗟 https://crypto.stanford.edu/ **Chrome 17** Stanford Crypto Group https://crypto.stanford.edu Certificate **Authority**