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Using Cross-site Scripting Attacks; Reflected Cross-site Scripting; Stored Cross-site Scripting; DOM Cross-site Scripting; Universal Cross-site Scripting; XSS Viruses; Bypassing XSS Controls; Using Compromised Web Applications; Using Advertising Networks; Using Social Engineering Attacks; Phishing Attacks; Baiting; Anti-Phishing Controls; Using Man-in-the-Middle Attacks; Man-in-the-Browser; Wireless Attacks; ARP Spoofing; DNS Poisoning
Exploiting CachingSummary; Questions; Notes; Chapter 3: Retaining Control; Understanding Control Retention; Exploring Communication Techniques; Using XMLHttpRequest Polling; Using Cross-origin Resource Sharing; Using WebSocket Communication; Using Messaging Communication; Using DNS Tunnel Communication; Exploring Persistence Techniques; Using IFrames; Using Full Browser Frame Overlay; Using Browser Events; Using Pop-Under Windows; Using Man-in-the-Browser Attacks; Hijacking AJAX Calls; Hijacking Non-AJAX Requests; Evading Detection; Evasion using Encoding; Base64 Encoding; Whitespace Encoding
Non-alphanumeric JavaScriptEvasion using Obfuscation; Random Variables and Methods; Mixing Object Notations; Time Delays; Mixing Content from Another Context; Using the callee Property; Evasion using JavaScript Engines Quirks; Summary; Questions; Notes; Chapter 4: Bypassing the Same; Understanding the Same Origin Policy; Understanding the SOP with the DOM; Understanding the SOP with CORS; Understanding the SOP with Plugins; Understanding the SOP with UI Redressing; Understanding the SOP with Browser History; Exploring SOP Bypasses; Bypassing SOP in Java; Bypassing SOP in Adobe Reader Bypassing SOP in Adobe Flash

Sommario/riassunto

Hackers exploit browser vulnerabilities to attack deep within networks The Browser Hacker's Handbook gives a practical understanding of hacking the everyday web browser and using it as a beachhead to launch further attacks deep into corporate networks. Written by a team of highly experienced computer security experts, the handbook provides hands-on tutorials exploring a range of current attack methods. The web browser has become the most popular and widely used computer ""program"" in the world. As the gateway to the Internet, it is part of the storefront to any business that