Black Hat USA 2012 Track Chair Preview

Moderated by Robert Richardson, Editorial Director

July 12, 2012

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SHAWN MOYER   - DEFENSE
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CHRIS ROHLF - BREAKING THINGS
STEFANO ZANERO - MALWARE

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VINCENZO IOZZO – MOBILE

ADVANCED ARM EXPLOITATION
BY STEPHEN RIDLEY & STEPHEN LAWLER

**SCALING UP BASEBAND ATTACKS:
MORE (UNEXPECTED) ATTACK SURFACE** BY RALF-PHILIPP WEINMANN

**DON'T STAND SO CLOSE TO ME:
AN ANALYSIS OF THE NFC ATTACK SURFACE** BY CHARLIE MILLER

PROBING MOBILE OPERATOR NETWORKS BY COLLIN MULLINER

ADVENTURES IN BOUNCER LAND
BY NICHOLAS PERCOCO & SEAN SCHULTE

MY THREE PICKS ARE:
TORTURING OPENSSL – BY VALERIA BERTACCO

CUTECATS.EXE AND THE ARAB SPRING - BY MORGAN MARQUIS-BOIRE

HOW THE ANALYSIS OF ELECTRICAL CURRENT CONSUMPTION OF EMBEDDED SYSTEMS COULD LEAD TO CODE REVERSING? –
BY YANN ALLAIN & JULIEN MOINARD

SHAWN MOYER - DEFENSE

SEXYDEFENSE - MAXIMIZING THE HOME-FIELD ADVANTAGE IFTACH
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THE DEFENSE RESTS: AUTOMATION AND APIS FOR IMPROVING SECURITY BY DAVID MORTMAN

CONTROL-ALT-HACK (A COMPUTER SECURITY CARD GAME)
BY TADAYOSHI KOHNO & TAMARA DENNING & ADAM SHOSTACK

INTRUSION DETECTION ALONG THE KILL CHAIN BY JOHN FLYNN

EXPLOIT MITIGATION IMPROVEMENTS IN WINDOWS 8
BY MATT MILLER & KEN JOHNSON

SOME BONUS PICKS:
ERRATA HITS PUBERTY: 13 YEARS OF BY CHAGRIN JERICHO

CODE REVIEWING WEB APPLICATION FRAMEWORK BASED APPLICATIONS BY ABRAHAM KANG

OWNING BAD GUYS {AND MAFIA} WITH JAVASCRIPT BOTNETS
BY CHEMA ALONSO

NATHAN HAMIEL - APPSEC

HTML5 TOP 10 THREATS- STEALTH ATTACKS AND SILENT EXPLOITS BY: SHREERAJ SHAH

AMF TESTING MADE EASY BY LUCA CARETTONI

HACKING WITH WEBSOCKETS
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BLENDED THREATS AND JAVASCRIPT: A PLAN FOR PERMANENT NETWORK COMPROMISE BY PHIL PURVIANCE

STATE OF WEB EXPLOIT TOOLKITS BY JASON JONES

CONFESSIONS OF A WAF DEVELOPER: PROTOCOL-LEVEL EVASION OF WEB APPLICATION FIREWALLS BY IVAN RISTIC

WEBTRACKING FOR YOU BY GREGORY FLEISCHER

CHRIS ROHLF - BREAKING THINGS

A STITCH IN TIME SAVES NINE: A CASE OF MULTIPLE OPERATING SYSTEM VULNERABILITY - BY RAFAL WOJTCZUK

EXPLOITING THE JEMALLOC MEMORY ALLOCATOR: OWNINGS FIREFOX'S HEAP - BY PATROKLOS ARGYROUDIS & CHARITON KARAMITAS

THE INFO LEAK ERA ON SOFTWARE EXPLOITATION – BY FERMIN J. SERNA

ARE YOU MY TYPE? BREAKING .NET SANDBOXES THROUGH SERIALIZATION - BY JAMES FORSHAW

PINPADPWN - BY NILS & RAFAEL DOMINGUEZ VEGA

STEFANO ZANERO - MALWARE

A SCIENTIFIC (BUT NOT ACADEMIC) STUDY OF HOW MALWARE EMPLOYS ANTI-DEBUGGING, ANTI-DISASSEMLY, AND ANTI-VIRTUALIZATION TECHNOLOGIES BY RODRIGO BRANCO

DE MYSTERIIS DOM JOBSIVS: MAC EFI ROOTKITS LOUKAS K

DEX EDUCATION: PRACTICING SAFE DEX
BY TIMOTHY STRAZZERE

HARDWARE BACKDOORING IS PRACTICAL
BY JONATHAN BROSSARD

FLOWERS FOR AUTOMATED MALWARE ANALYSIS
BY CHENGYU SONG

Questions & Answers

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