

**MATERIAL – Concurso Profesional de Colaboración y Apoyo especialista en seguridad informática.**  
**EXPEDIENTE 467/2012 – R 202/2012 - R295/2012 – R349/2012**

1) Diseño e implementación de redes seguras.

[http://www.sans.org/reading\\_room/whitepapers/bestprac/designing-secure-local-area-network\\_853](http://www.sans.org/reading_room/whitepapers/bestprac/designing-secure-local-area-network_853)

[http://www.packetnexus.com/docs/CASE\\_260\\_002\\_Principles\\_of\\_Secure\\_Network\\_Design\\_v1\\_1.pdf](http://www.packetnexus.com/docs/CASE_260_002_Principles_of_Secure_Network_Design_v1_1.pdf)

[http://www.sans.org/reading\\_room/whitepapers/hsoffice/design-secure-network-segmentation-approach\\_1645](http://www.sans.org/reading_room/whitepapers/hsoffice/design-secure-network-segmentation-approach_1645)

<http://www.ciscopress.com/articles/article.asp?p=174313>

[http://portal.aauj.edu/portal\\_resources/downloads/networking/designing\\_network\\_security\\_cisco\\_press.pdf](http://portal.aauj.edu/portal_resources/downloads/networking/designing_network_security_cisco_press.pdf)

<http://www.techrepublic.com/downloads/design-secure-networks-with-these-best-practices/173507>

<http://www.interhack.net/pubs/network-security/network-security.html>

<http://www.cert.org/netsa/>

<http://www.arcert.gov.ar>

2) Programación segura.

<http://www.dwheeler.com/secure-programs/>

<http://www.owasp.org/>

<http://www.cert.org/secure-coding/>

[https://www.owasp.org/index.php/Secure\\_Coding\\_Principles](https://www.owasp.org/index.php/Secure_Coding_Principles)

[http://onlamp.com/onlamp/excerpt/PUIS3\\_chap16/index1.html](http://onlamp.com/onlamp/excerpt/PUIS3_chap16/index1.html)

<http://software-security.sans.org/>

<http://www.ibm.com/developerworks/linux/library/l-sp1/index.html>

[http://en.wikipedia.org/wiki/Defensive\\_programming](http://en.wikipedia.org/wiki/Defensive_programming)

<http://www.devshed.com/c/a/PHP/Secure-PHP-Programming/>

<http://phpsec.org/>

3) Hardening de SO (UNIX-like (GNU Linux/\*BSD) y Windows 2003 y 2008 R2, servidores web (apache/IIS), DNS, DHCP, SMTP, POP, IMAP, y demás servicios de red básicos.

[http://en.wikipedia.org/wiki/Hardening\\_\(computing\)](http://en.wikipedia.org/wiki/Hardening_(computing))

[http://media.techtarget.com/searchEnterpriseLinux/downloads/466\\_HTC\\_Linux\\_02.pdf](http://media.techtarget.com/searchEnterpriseLinux/downloads/466_HTC_Linux_02.pdf)

[http://www.theitlibrary.com/security/operating\\_systems\\_hardening.html](http://www.theitlibrary.com/security/operating_systems_hardening.html)

<http://www.microsoft.com/download/en/details.aspx?id=17606>

<http://www.wininfrastructure.net/article.aspx?BlogEntry=Quick-steps-to-Windows-7-OS-hardening>

<https://wikis.utexas.edu/display/ISO/Operating+System+Hardening+Checklists>

[http://httpd.apache.org/docs/2.0/misc/security\\_tips.html](http://httpd.apache.org/docs/2.0/misc/security_tips.html)

<http://www.bignosebird.com/apache/a11.shtml>

<http://www.techrepublic.com/blog/10things/10-things-you-should-do-to-secure-apache/477>

<http://www.modsecurity.org/>

<http://www.techrepublic.com/article/secure-an-iis-web-server-with-these-10-steps/5226103>

<http://forums.iis.net/1043.aspx>

<http://blogs.iis.net/nazim/>

<http://oreilly.com/catalog/dns4/chapter/ch11.html>  
<http://www.unixwiz.net/techtips/bind9-chroot.html>  
<http://www.dnssec.net/>  
[http://www.tcpipguide.com/free/t\\_DHCPSecurityIssues.htm](http://www.tcpipguide.com/free/t_DHCPSecurityIssues.htm)  
[http://technet.microsoft.com/en-us/library/cc780347\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc780347(v=ws.10).aspx)  
[http://windowsdevcenter.com/pub/a/windows/excerpt/securews\\_chpt11/index.html](http://windowsdevcenter.com/pub/a/windows/excerpt/securews_chpt11/index.html)  
[http://www.tcpipguide.com/free/t\\_SMTPSecurityIssues.htm](http://www.tcpipguide.com/free/t_SMTPSecurityIssues.htm)  
[http://www.sans.org/reading\\_room/whitepapers/casestudies/study-improving-security-corporate-smtp-e-mail-delivery\\_1315](http://www.sans.org/reading_room/whitepapers/casestudies/study-improving-security-corporate-smtp-e-mail-delivery_1315)  
[http://en.wikipedia.org/wiki/SMTP\\_Authentication](http://en.wikipedia.org/wiki/SMTP_Authentication)  
<http://wiki2.dovecot.org/>  
[http://en.wikipedia.org/wiki/Post\\_Office\\_Protocol](http://en.wikipedia.org/wiki/Post_Office_Protocol)  
<http://en.wikipedia.org/wiki/IMAP>

4) Conocimientos sobre firma digital, habeas data y delito informático (legislación Argentina).

<http://www.jgm.gov.ar/paginas.dhtml?pagina=261>  
<http://infoleg.mecon.gov.ar/infolegInternet/anexos/70000-74999/70749/norma.htm>  
<http://infoleg.mecon.gov.ar/infolegInternet/anexos/60000-64999/64790/norma.htm>  
<http://www.mecon.gov.ar/comercio/electronico/33.htm>  
[http://www.saij.jus.gov.ar/servicios/online/delitos\\_infor.pdf](http://www.saij.jus.gov.ar/servicios/online/delitos_infor.pdf)

5) Nociones sobre normativa internacional: familia de normas ISO 27000, ITIL, COBIT, SOX, HIPAA.

[http://en.wikipedia.org/wiki/ISO/IEC\\_27000](http://en.wikipedia.org/wiki/ISO/IEC_27000)  
<http://www.27000.org/>  
[http://en.wikipedia.org/wiki/Information\\_Technology\\_Infrastructure\\_Library](http://en.wikipedia.org/wiki/Information_Technology_Infrastructure_Library)  
<http://www.itil-officialsite.com/>  
<http://www.isaca.org/COBIT/Pages/default.aspx>  
<http://en.wikipedia.org/wiki/COBIT>  
[http://en.wikipedia.org/wiki/Sarbanes%20Oxley\\_Act](http://en.wikipedia.org/wiki/Sarbanes%20Oxley_Act)  
[http://en.wikipedia.org/wiki/SOX\\_404\\_top-down\\_risk\\_assessment](http://en.wikipedia.org/wiki/SOX_404_top-down_risk_assessment)  
[http://en.wikipedia.org/wiki/Health\\_Insurance\\_Portability\\_and\\_Accountability\\_Act](http://en.wikipedia.org/wiki/Health_Insurance_Portability_and_Accountability_Act)  
<http://www.hhs.gov/ocr/privacy/>

6) Políticas, procedimientos, guías, normas.

<http://www.sans.org/security-resources/policies/>  
<http://www.mmabogados.com.ar/LaseguridaddelainformacionenlaAPN.pdf>  
<http://www.icic.gob.ar/paginas.dhtml?pagina=154>  
[http://www.icic.gob.ar/archivos/cert/PSI\\_Modelo-v1\\_200507.pdf](http://www.icic.gob.ar/archivos/cert/PSI_Modelo-v1_200507.pdf)

7) Metodologías de PRD, BPC, BIA, confección de matriz de riesgos.

[http://www.sans.org/reading\\_room/whitepapers/recovery/disaster-recovery-plan\\_1164](http://www.sans.org/reading_room/whitepapers/recovery/disaster-recovery-plan_1164)  
[http://en.wikipedia.org/wiki/Business\\_continuity\\_planning](http://en.wikipedia.org/wiki/Business_continuity_planning)  
<http://www.publicsafety.gc.ca/prg/em/gds/bcp-eng.aspx>  
<http://www.wikihow.com/Create-a-Business-Continuity-Plan>

8) Seguridad en DBMS (en general e informix, postgres y mysql en particular). Hardening.

[http://databases.about.com/od/security/Database\\_Security\\_Issues.htm](http://databases.about.com/od/security/Database_Security_Issues.htm)

<http://www.databasesecurity.com>  
[http://oa.mo.gov/itsd/cio/architecture/domains/information/CC-DBMS\\_Security080305.pdf](http://oa.mo.gov/itsd/cio/architecture/domains/information/CC-DBMS_Security080305.pdf)  
<http://www.slideshare.net/koolkampus/ch06>  
<http://support.sas.com/documentation/cdl/en/acrelldb/63647/HTML/default/viewer.htm#a001924483.htm>  
[http://www.schell.com/Top\\_Ten\\_Database\\_Threats.pdf](http://www.schell.com/Top_Ten_Database_Threats.pdf)  
<http://arxiv.org/ftp/arxiv/papers/1004/1004.4022.pdf>  
<http://www.redbooks.ibm.com/abstracts/sg247556.html>  
[http://publib.boulder.ibm.com/infocenter/idshelp/v1117/index.jsp?topic=%2Fcom.ibm.sec.doc%2FSEC\\_wrapper.htm](http://publib.boulder.ibm.com/infocenter/idshelp/v1117/index.jsp?topic=%2Fcom.ibm.sec.doc%2FSEC_wrapper.htm)  
<http://www.postgresql.org/docs/manuals/>  
<http://dev.mysql.com/doc/refman/5.0/en/security.html>

#### 9) Malware.

<http://en.wikipedia.org/wiki/Malware>  
<http://technet.microsoft.com/en-us/library/dd632948.aspx>  
<http://www.theregister.co.uk/security/malware/>  
<http://www.techrepublic.com/whitepapers/a-new-generic-taxonomy-on-hybrid-malware-detection-technique/2906425>  
[http://www.cse.tkk.fi/fi/opinnot/T-110.6220/2010\\_Spring\\_Malware\\_Analysis\\_and\\_Antivirus\\_Tchnologies/luennot-files/Erdelyi-Introduction\\_to.pdf](http://www.cse.tkk.fi/fi/opinnot/T-110.6220/2010_Spring_Malware_Analysis_and_Antivirus_Tchnologies/luennot-files/Erdelyi-Introduction_to.pdf)  
<http://www.iseclab.org/inetsec2/slides/Malware1.pdf>  
<http://www.personal.utulsa.edu/~james-childress/cs5493/Present2011/BanickP.ppt>

#### 10) Terminología de seguridad

[http://www.cnss.gov/Assets/pdf/cnssi\\_4009.pdf](http://www.cnss.gov/Assets/pdf/cnssi_4009.pdf)