Tools for systems admins

Thanks to all who attended. My goal will be to get this data into the http://www.missiontech.info wiki in the future.

Remote control
ssh - Builtin to Unix, added to Win via cygwin or directly
http://synergy2.sourceforge.net/ - control 2 systems with 1 kb/mouse, this is different than a KVM
pc/anywhere - commercial
netop (commercial)
Terminal Services (mstsc /console)
Remote Assistance (builtin to windows)
rdesktop/xrdp - http://sourceforge.net/projects/xrdp
bomgar.com (Free for missions)
radmin.com (commercial)

Monitoring
Syslog-ng – consolidate all your windows and unix log data
http://sourceforge.net/projects/net-snmp - expose your (monitoring)
http://www.nagios.org (alerting)
http://www.jffnms.com (graphing snmp)
Cacti (graphing)
http://cricket.sourceforge.net/ (custom graphing)
Zabbix
ZenOss
Pandora

NT/Domain mgt
Hyena (Commercial)
wpkg
samba
ADmodify (bulk adds/changes to AD)

Desktop Management
Landesk – inventory, program management
Policy Management – NT **
Altiris
Windows Software Update Services
Kaseya (Audit, scripting, Ticketing, patch mgt, remote control) - commercial
Belarc Advisor
Everest (older home/free edition)

Unix
http://www.centos.org/ - The popular redhat enterprise server in a free download
http://freshmeat.net/ - freshmeat maintains the Web's largest index of Unix and cross-platform open source software
WebMin – admin many/most unix utils via http

Database
MySQL
Phpmyadmin – admin mysql via http

Web/ Content Management
drupal
Joomla
Plone (Pyhton Based)
Wordpress (blog software, but can be used as a lightweight CMS website, also see Typepad)

fos=free/open source

Tools for systems admins

Security
Nmap – command line port scanner
Nessus - Security / compliance scanner
Wireshark – Ethernet sniffer
http://sectools.org/
l0phtcrack (Cain and Abel, John the Ripper, Ophcrack)
angry IP Scanner
Superscan – windows port scanner
Iptables firewall
Linux firewall distros (smoothwall/clarkconnect)
Shorewall (a high-level tool for configuring Netfilter)
endian (built in squidguard, dansguardian)
ipcop
Filtering – Dansguardian, squidguard
Dedicated Hardware Appliances = Soni9cwall, Netscreen, Barricuda, Packetshaper
http://home.eunet.no/pnordahl/ntpasswd/ - local NT password cracker
rootkit.com – download rootkits, Cuidado / Danger Will Robinson

Sound/Video
Media coder (transcode just about anything)
Super Video another transcode / conversion tool
Irfanview – small/fast picture and video viewer
vlc video player
Kino video editor
Gimp (photo editor)
Audacity (audio editor)
Blender (3d content creation)
Gallery (photo gallery hosting)
Cinelerra – linux capturing, compositing, and editing audio and video with sample level accuracy
Jahshaka - open source, hardware accelerate editing and effects system
wink (debugmode.com)
virtualdub

Antivirus/Anti-malware
Clam – free server side linux a/v
AVG – free windows a/v
Spybot search and destroy
adaware
Windows Defender
HiJack This (hijackthis.de)
Avast! a/v

Communication
Gaim/pidgin – linux and windows multi protocol chat client
Trillian – windows multi protocol chat client
Jabber (and jabber server)
Skype – video conferencing over the web, add outbound phone calls to normal lines for very small fee
Asterisk – ATA “analog telphone adapter” + Asterisk = cheap PBX
native IP phones can integrate with asterisk and work via VOIP / ethernet
grandstream.com VOIP solution supplier
voipsupply.com
voxilla.com
Sjphone, counterpath (softphone/VOIP client)

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Tools for systems admins

Mail
Postfix (and Sendmail)
Spamassassin + plugins (DCC, FuzzyOCR)
Dovecot – imap/pop3 server
assp - Bayesian filter (use imap and sa-learn, procmail)
http://sourceforge.net/projects/razor/ - distributed, collaborative, spam detection and filtering network
Mailscanner - Free Anti-Virus and Anti-Spam Filter

Exchange alternatives and tools
eGroupware
Kerio Mailserver (commercial)
kolab
Opengroupware
Openexchange (Cyrus/Comfire)
Zimbra
scalix (free + enterprise)
spotlight on exchange (dashboard)

Backup/restore
Tar – a non-compressed container file
Rsync – remote sync (can use over SSH)
Bacula
amanda (tape and disk based)
synctoy – used based
ifolder (novell, open source)
vmware personal backup appliances
Vista's built in FULL backup to virtual image

Application/Productivity/General
openoffice.org
cutepdf (free pdf creator)
pdf995 (pdf merger)
foxit reader and writer
pdftk – pdf toolkit

General administration
cygwin – unix running on windows, including X platform and ssh daemon/server
ext2ifs – naïve FS driver for ext2/3 file systems
Bash loops (for i in * ; do nmap –p 6502 ; done) – this is way efficient, learn to do loops
Partition Magic / gparted (livecd)
Ghost/dd (duplicate disk… dangerous sector level stuff)
Vmware / virtual PC
sysinternals – kill processes, explore processes, autorun, port bindings
TweakUI
Bootable "Live CD" distros there are categories of Live CD's for topics such as forensics, partitioning, boot/rescue, hacking, firewall, server) many listed at http://www.frozentech.com/content/livecd.php (Backtrack, Gparted, Knoppix, Ultimate Boot CD, (BartPE is a windows live CD), etc)

Purchasing and Hardware Deals
http://www.slickdeals.net
http://www.techbargains.net
http://www.techdeals.net/
www.handstoserve.org/formissions
spoofee.com
woot.com
ccbnonprofits.com

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techsoup.com
ecost.com
dsr-inc.com (toshibas and 3rd world)
http://www.zipzoomfly.com
http://www.newegg.com
http://www.prcewatch.com

Tech News
slashdot.org
osnews.com
sans.org
http://www.distrowatch.com

Beginner's reference / concepts:
Apache is a free web server, more secure (presumably) than Microsoft's IIS
Bind DNS server – this is the tool that when you type "ping elvis,
Squid web/ftp proxy – squid is a proxy that you can use to funnel multiple users to the internet through

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