*NIX

AUTOMATED WEB PAGE SCREENSHOTS

NMAP WEB PAGE SCREENSHOTS [9]

Install dependencies:

- wget http://wkhtmltopdf.googlecode.com/files/wkhtmltoimage-0.11.0_rc1-static-i386.tar.bz2
- tar -jxvf wkhtmltoimage-0.11.0_rc1-static-i386.tar.bz2
- cp wkhtmltoimage-i386 /usr/local/bin/

Install Nmap module:

- git clone git://github.com/SpiderLabs/Nmap-Tools.git
- cd Nmap-Tools/NSE/
- cp http-screenshot.nse /usr/local/share/nmap/scripts/
- nmap --script-updatedb

OS/version detection using screenshot script (screenshots saved as .png):

- nmap -A -script=http-screenshot -p80,443 1.1.1.0/24 -oA nmap-screengrab

Script will generate HTML preview page with all screenshots:

```
#!/bin/bash
printf " HTML BODY BR " > preview.html
ls -1 *.png | awk -F : '{ print $1":"$2"\n BR IMG SRC=\""$1"%3A"$2"\"
width=400 BR BR "}' >> preview.html
printf " /BODY /HTML " >> preview.html
```

PEEPINGTOM WEB PAGE SCREENSHOTS

Install Dependencies:

- Download Phantomjs

https://phantomjs.googlecode.com/files/phantomjs-1.9.2-linux-x86_64.tar.bz2

- Download PeepingTom

git clone https://bitbucket.org/LaNMaSteR53/peepingtom.git

Extract and copy phantomjs from phantomjs-1.9.2-linux-x86_64.tar.bz2 and copy to peepingtom directory

- Run PeepingTom

python peepingtom.py http:// mytarget.com

Wireshark Display Filters · Part 2

packetlife.net

Frame Relay

fr.becn	fr.de
fr.chdlctype	fr.dlci
fr.control	fr.dlcore_control
fr.control.f	fr.ea
fr.control.ftype	fr.fecn
fr.control.n_r	fr.lower_dlci
fr.control.n_s	fr.nlpid
fr.control.p	fr.second_dlci
fr.control.s_ftype	fr.snap.oui
fr.control.u_modifier_cmd	fr.snap.pid
fr.control.u_modifier_resp	fr.snaptype
fr.cr	fr.third_dlci
fr.dc	fr.upper_dlci

PPP

ppp.address	ppp.direction
ppp.control	ppp.protocol

MPLS

mpls.bottom	mpls.oam.defect_location
mpls.cw.control	mpls.oam.defect_type
mpls.cw.res	mpls.oam.frequency
mpls.exp	mpls.oam.function_type
mpls.label	mpls.oam.ttsi
mpls.oam.bip16	mpls.ttl

ICMP

icmp.checksum	icmp.ident	icmp.seq
icmp.checksum_bad	icmp.mtu	icmp.type
icmp.code	icmp.redir_gw	

DTP

dtp.neighbor	dtp.tlv_type	vtp.neighbor
dtp.tlv_len	dtp.version	

VTP

vtp.code	vtp.vlan_info.802_10_index
vtp.conf_rev_num	vtp.vlan_info.isl_vlan_id
vtp.followers	vtp.vlan_info.len
vtp.md	vtp.vlan_info.mtu_size
vtp.md5_digest	vtp.vlan_info.status.vlan_susp
vtp.md_len	vtp.vlan_info.tlv_len
vtp.seq_num	vtp.vlan_info.tlv_type
vtp.start_value	vtp.vlan_info.vlan_name
vtp.upd_id	vtp.vlan_info.vlan_name_len
vtp.upd_ts	vtp.vlan_info.vlan_type
vtp.version	

ICMPv6

icmpv6.all_comp	icmpv6.option.name_type.fqdn
icmpv6.checksum	icmpv6.option.name_x501
icmpv6.checksum_bad	icmpv6.option.rsa.key_hash
icmpv6.code	icmpv6.option.type
icmpv6.comp	icmpv6.ra.cur_hop_limit
icmpv6.haad.ha_addrs	icmpv6.ra.reachable_time
icmpv6.identifier	icmpv6.ra.retrans_timer
icmpv6.option	icmpv6.ra.router_lifetime
icmpv6.option.cga	icmpv6.recursive_dns_serv
icmpv6.option.length	icmpv6.type
icmpv6.option.name_type	

RIP

rip.auth.passwd	rip.ip	rip.route_tag
rip.auth.type	rip.metric	rip.routing_domain
rip.command	rip.netmask	rip.version
rip.family	rip.next_hop	

BGP

bgp.aggregator_as	bgp.mp_reach_nlri_ipv4_prefix
bgp.aggregator_origin	bgp.mp_unreach_nlri_ipv4_prefix
bgp.as_path	bgp.multi_exit_disc
bgp.cluster_identifier	bgp.next_hop
bgp.cluster_list	bgp.nlri_prefix
bgp.community_as	bgp.origin
bgp.community_value	bgp.originator_id
bgp.local_pref	bgp.type
bgp.mp_nlri_tnl_id	bgp.withdrawn_prefix

HTTP

http.accept	http.proxy_authorization
http.accept_encoding	http.proxy_connect_host
http.accept_language	http.proxy_connect_port
http.authbasic	http.referer
http.authorization	http.request
http.cache_control	http.request.method
http.connection	http.request.uri
http.content_encoding	http.request.version
http.content_length	http.response
http.content_type	http.response.code
http.cookie	http.server
http.date	http.set_cookie
http.host	http.transfer_encoding
http.last_modified	http.user_agent
http.location	http.www_authenticate
http.notification	http.x_forwarded_for
http.proxy_authenticate	

Common Ports

packetlife.net

TCP/UDP Port Numbers

7	Echo	**554**	RTSP	**2745**	Bagle.H	**6891-6901**	Windows Live
19	Chargen	**546-547**	DHCPv6	**2967**	Symantec AV	**6970**	Quicktime
20-21	FTP	**560**	rmonitor	**3050**	Interbase DB	**7212**	GhostSurf
22	SSH/SCP	**563**	NNTP over SSL	**3074**	XBOX Live	**7648-7649**	CU-SeeMe
23	Telnet	**587**	SMTP	**3124**	HTTP Proxy	**8000**	Internet Radio
25	SMTP	**591**	FileMaker	**3127**	MyDoom	**8080**	HTTP Proxy
42	WINS Replication	**593**	Microsoft DCOM	**3128**	HTTP Proxy	**8086-8087**	Kaspersky AV
43	WHOIS	**631**	Internet Printing	**3222**	GLBP	**8118**	Privoxy
49	TACACS	**636**	LDAP over SSL	**3260**	iSCSI Target	**8200**	VMware Server
53	DNS	**639**	MSDP (PIM)	**3306**	MySQL	**8500**	Adobe ColdFusion
67-68	DHCP/BOOTP	**646**	LDP (MPLS)	**3389**	Terminal Server	**8767**	TeamSpeak
69	TFTP	**691**	MS Exchange	**3689**	iTunes	**8866**	Bagle.B
70	Gopher	**860**	iSCSI	**3690**	Subversion	**9100**	HP JetDirect
79	Finger	**873**	rsync	**3724**	World of Warcraft	**9101-9103**	Bacula
80	HTTP	**902**	VMware Server	**3784-3785**	Ventrilo	**9119**	MXit
88	Kerberos	**989-990**	FTP over SSL	**4333**	mSQL	**9800**	WebDAV
102	MS Exchange	**993**	IMAP4 over SSL	**4444**	Blaster	**9898**	Dabber
110	POP3	**995**	POP3 over SSL	**4664**	Google Desktop	**9988**	Rbot/Spybot
113	Ident	**1025**	Microsoft RPC	**4672**	eMule	**9999**	Urchin
119	NNTP (Usenet)	**1026-1029**	Windows Messenger	**4899**	Radmin	**10000**	Webmin
123	NTP	**1080**	SOCKS Proxy	**5000**	UPnP	**10000**	BackupExec
135	Microsoft RPC	**1080**	MyDoom	**5001**	Slingbox	**10113-10116**	NetIQ
137-139	NetBIOS	**1194**	OpenVPN	**5001**	iperf	**11371**	OpenPGP
143	IMAP4	**1214**	Kazaa	**5004-5005**	RTP	**12035-12036**	Second Life
161-162	SNMP	**1241**	Nessus	**5050**	Yahoo! Messenger	**12345**	NetBus
177	XDMCP	**1311**	Dell OpenManage	**5060**	SIP	**13720-13721**	NetBackup
179	BGP	**1337**	WASTE	**5190**	AIM/ICQ	**14567**	Battlefield
201	AppleTalk	**1433-1434**	Microsoft SQL	**5222-5223**	XMPP/Jabber	**15118**	Dipnet/Oddbob
264	BGMP	**1512**	WINS	**5432**	PostgreSQL	**19226**	AdminSecure
318	TSP	**1589**	Cisco VQP	**5500**	VNC Server	**19638**	Ensim
381-383	HP Openview	**1701**	L2TP	**5554**	Sasser	**20000**	Usermin
389	LDAP	**1723**	MS PPTP	**5631-5632**	pcAnywhere	**24800**	Synergy
411-412	Direct Connect	**1725**	Steam	**5800**	VNC over HTTP	**25999**	Xfire
443	HTTP over SSL	**1741**	CiscoWorks 2000	**5900+**	VNC Server	**27015**	Half-Life
445	Microsoft DS	**1755**	MS Media Server	**6000-6001**	X11	**27374**	Sub7
464	Kerberos	**1812-1813**	RADIUS	**6112**	Battle.net	**28960**	Call of Duty
465	SMTP over SSL	**1863**	MSN	**6129**	DameWare	**31337**	Back Orifice
497	Retrospect	**1985**	Cisco HSRP	**6257**	WinMX	**33434+**	traceroute
500	ISAKMP	**2000**	Cisco SCCP	**6346-6347**	Gnutella		
512	rexec	**2002**	Cisco ACS	**6500**	GameSpy Arcade		
513	rlogin	**2049**	NFS	**6566**	SANE		
514	syslog	**2082-2083**	cPanel	**6588**	AnalogX		
515	LPD/LPR	**2100**	Oracle XDB	**6665-6669**	IRC		
520	RIP	**2222**	DirectAdmin	**6679/6697**	IRC over SSL		
521	RIPng (IPv6)	**2302**	Halo	**6699**	Napster		
540	UUCP	**2483-2484**	Oracle DB	**6881-6999**	BitTorrent		

Legend

- Chat
- Encrypted
- Gaming
- Malicious
- Peer to Peer
- Streaming

IANA port assignments published at **http://www.iana.org/assignments/port-numbers**