
Operation Cloud Hopper

Indicators of Compromise

Annex A

13 October 2017 (v2.2)

In collaboration with

BAE SYSTEMS
INSPIRED WORK

Note

We initially provided our entire Indicators of Compromise (IOC) dataset for APT10. Following feedback from industry partners we have updated this list with a number of additional IOCs and removed some historic data. The previous data set, including our historic indicators, is available on request from our Threat Intelligence team (threatintelligence@uk.pwc.com), but please be aware that this may cause false positives on some IT environments.

Host Based IOCs

[digits].plg	Filename
atexec.exe	Filename
detect.vbs	Filename
gothic.dat	Filename
handkerchief.dat	Filename
IEChecker.exe	Filename
logmeinsystrays.dat	Filename
mfeann.data	Filename
microsoft.workflow.compiler.dat	Filename
msseces.asm	Filename
NvSmart.hlp	Filename
obedience.exe	Filename
schf.its	Filename
secretsdump.exe	Filename
SFCNS.dat	Filename
starburn.dll	Filename
t.vbs	Filename
Vba32ar.cab.dat	Filename
Vba32arch.dll	Filename
wpf-etw.dat	Filename
%ALLUSERSPROFILE%\SxS	File Path
%USERPROFILE%\AppData\Local\Temp\winsyslog\mPclient.dll	File Path
%USERPROFILE%\AppData\Local\Temp\winsyslog\msseces.asm	File Path
%USERPROFILE%\AppData\Local\Temp\winsyslog\msseces.exe	File Path
%USERPROFILE%\AppData\Roaming\notron.exe	File Path
C:\recovery\csvde.exe	File Path
C:\recovery\lockdown.dll	File Path
C:\recovery\mfeann.exe	File Path
C:\recovery\mpsvc.dll	File Path
C:\recovery\MsMpEng.exe	File Path
C:\recovery\nbt.exe	File Path
C:\recovery\nosystem.exe	File Path
C:\windows\system32\RedLeaves.exe	File Path
C:\Windows\Temp\winsyslog\mPclient.dll	File Path
C:\Windows\Vss\Setup.exe	File Path
C:\Windows\Vss\SetupEngine.dll	File Path
C:\Windows\Vss\SFCNS.dat	File Path

&#@tz931(Mutex
0mm7b2k8c	Mutex
2156jsdkh	Mutex
54bc6939a1de55fd	Mutex
a85edfea9aa3f292	Mutex
c516394560dfdc20	Mutex
cvxcbcbvw	Mutex
Deosodlwfiadlkfajksllw	Mutex
DF#EGDGF	Mutex
DY&F*#KJK	Mutex
g6nncn1m1	Mutex
jfkgjr\$##	Mutex
K!@DKFK#*	Mutex
RedLeavesCMDSimulatorMutex	Mutex
vv11287GD	Mutex
\\.pipe\NamePipe_MoreWindows	NamePipe
HKEY_CURRENT_USER\SOFTWARE\EGGORG	Registry Keys
HKCU\Software\Classes\VirtualStore\MACHINE\Software\rar\e	Registry Keys
HKCU\Software\Microsoft\Windows\CurrentVersion\Run\ISeC Croot Readr	Registry Keys
HKCU\Software\rar\ActiveSettings	Registry Keys
HKCU\Software\rar\data	Registry Keys
HKCU\Software\rar\e	Registry Keys
HKCU\Software\rar\s	Registry Keys
HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Ru n\pedetdata	Registry Keys
HKEY_LOCAL_MACHINE\Software\CLASSES\MJ	Registry Keys
HKEY_LOCAL_MACHINE\Software\CLASSES\MJ\PROXY	Registry Keys
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\R un\pedetdata	Registry Keys

Domains

002562066559681.r3u8[.]com
031168053846049.r3u8[.]com
0625.have8000[.]com
1.gadskysun[.]com
100fanwen[.]com
11.usyahoapis[.]com
19518473326.r3u8[.]com
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acc.emailfound[.]info
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ad.webbooting[.]com
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af.zyns[.]com
afc.https443[.]org
ako.ddns[.]us
androidmusicapp.onmypc[.]us
announcements.toythieves[.]com
anvprn[.]com

aotuo.9966[.]org
apec.qtsofta[.]com
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apples.sytes[.]net
appleupdate.itemdb[.]com
architectisusa[.]com
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availab.wikaba[.]com
availability.justdied[.]com
ba.my03[.]com
baby.macforlinux[.]net
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blog.defensewar[.]org
brand.fartit[.]com
bridgeluxlightmadness[.]com
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cloud-king1[.]com
cloud-maste[.]com
cloudns.8800[.]org
cmdnetview[.]com
cms.sindeali[.]com

cnnews.mylftv[.]com
commissioner.shenajou[.]com
commons.onedumb[.]com
contactus.myddns[.]com
contactus.onmypc[.]us
contract.4mydomain[.]com
contractus.qpoe[.]com
contractus.zzux[.]com
coreck.suayay[.]com
cpu.4pu[.]com
cs.lflink[.]com
ctdl.windowsupdate.itsaol[.]com
ctdl.windowsupdate.nsatcdns[.]com
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ctdl.windowsupdate.x24hr[.]com
cvnx.zyns[.]com
cwiinatonal[.]com
daddy.gostudyantivirus[.]com
dcc.jimingroup[.]com
dd.ddns[.]us
de.onmypc[.]info
dear.loveddos[.]com
dec.seyesb.acmetoy[.]com
dedgesuite[.]net

dedydns.ns01[.]us
defensewar[.]org
demoones[.]com
department.shenajou[.]com
details.squirly[.]info
development.shenajou[.]com
devilcase.acmetoy[.]com
dfgwerzc.3322[.]org
dick.ccfchrist[.]com
digsby.ourhobby[.]com
disruptive.https443[.]net
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document.methoder[.]com
document.shenajou[.]com
domainnow.yourtrap[.]com
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download.microsoftmusic.onedumb[.]com
download.windowsupdate.authorizeddns[.]org
download.windowsupdate.dedgesuite[.]net
download.windowsupdate.dnset[.]com
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ehshiroshima.mylftv[.]com
emailfound[.]info
eric-averyanov.wha[.]la
essashi[.]com
eu.acmetoy[.]com

eu.wha[.]la
eu.zzux[.]com
everydayfilmlink[.]com
ewe.toshste[.]com
eweek.2waky[.]com
exprenum[.]com
express.lflinkup[.]com
extraordinary.dynamic-dns[.]net
f068v[.]site
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fg.v4.download.windowsupdates.dnsrd[.]com
file.zzux[.]com
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film.everydayfilmlink[.]com
filmlist.everydayfilmlink[.]com
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fire.mrface[.]com
fish.toh[.]info
fiveavmersi.websego[.]net
fjs.wikaba[.]com
flea.poulsenv[.]com
flynews.edns[.]biz
fo.mysecondarydns[.]com
foal.wchildress[.]com
follow.wha[.]la
foo.shenajou[.]com
for.ddns[.]mobi
fr.wikaba[.]com
franck.demoones[.]com
ftp.2014.zzux[.]com
ftp.additional.sexidude[.]com
ftp.afc.https443[.]org

ftp.announcements.toythieves[.]com
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ftp.applemusic.xxuz[.]com
ftp.applemusic.zzux[.]com
ftp.appleupdate.itemdb[.]com
ftp.architectisusa[.]com
ftp.asfzx.x24hr[.]com
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ftp.back.jungleheart[.]com
ftp.balance1.wikaba[.]com
ftp.be.mrslove[.]com
ftp.brand.fartit[.]com
ftp.bulletproof.squirly[.]info
ftp.cia.ezua[.]com
ftp.cia.toh[.]info
ftp.civilwar123.authorizeddns[.]org
ftp.civilwar520.onmypc[.]org
ftp.cloudfileserversbs.dynamicdns.co[.]uk
ftp.cnnews.mylftv[.]com
ftp.commonsonedumb[.]com
ftp.contractus.qpoe[.]com
ftp.cvx.zyns[.]com
ftp.de.onmypc[.]info
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ftp.itunesmusic.jkub[.]com
ftp.itunesmusic.zzux[.]com
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ftp.leedong.longmusic[.]com
ftp.macfee.mrface[.]com
ftp.maffc.mrface[.]com
ftp.malware.dsmtip[.]com
ftp.manager.jetos[.]com
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ftp.mason.vizvaz[.]com
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ftp.micrsoftware.dsmtip[.]com
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ftp.mymusicbox.vizvaz[.]com
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ftp.newsroom.cleansite[.]info
ftp.no.authorizeddns[.]org
ftp.nsa.mefound[.]com
ftp.nt.mynumber[.]org
ftp.nttdata.otzo[.]com

ftp.nz.compress[.]to
ftp.ol.almostmy[.]com
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ftp.windowupdate.2waky[.]com
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ftp.windowupdate.authorizeddns[.]us
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gaskysun[.]com
gavin.ccfchrist[.]com
generat.almostmy[.]com
generousd.hopto[.]org
gensuzuki.6600[.]org
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globalnews.wikaba[.]com
gmail.com.mailserver[.]com
gmpcw[.]com
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goodmusic.justdied[.]com
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gotourisma[.]com
gt4study[.]com
gtsofta[.]com
Hamilton.catholicmmb[.]com
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happy.workerisgood[.]com
have8000[.]com
helpus.ddns[.]info

helshellfucde.8866[.]org
hg8fmv[.]racing
hii.qhigh[.]com
hk.2012yearleft[.]com
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iphone.vizvaz[.]com
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ipv4.windowsupdate.nsatcdns[.]com
ipv4.windowsupdate.x24hr[.]com
itlans.isasecret[.]com
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itunesdownload.wikaba[.]com
itunesimages.itemdb[.]com
itunesimages.itsaol[.]com
itunesimages.qpoe[.]com
itunesmirror.fartit[.]com
itunesmirror.itsaol[.]com
itunesmusic.ikwb[.]com
itunesmusic.jetos[.]com
itunesmusic.jkub[.]com
itunesmusic.zzux[.]com
itunesupdate.itsaol[.]com
itunesupdates.organiccrap[.]com
iw.mrslove[.]com
ixrayeye[.]com

james.tffghelth[.]com
janpan.bigmoney[.]biz
janpun.americanunfinished[.]com
jap.japanmusicinfo[.]com
japan.fuckanti[.]com
japan.linuxforever[.]com
japan.loveddos[.]com
japanenvnews.qpoe[.]com
japanfilmsite.ikwb[.]com
japanfst.japanteam[.]org
japanmusicinfo[.]com
japanteam[.]org
jcie.mofa.ns01[.]info
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jimintokoy[.]com
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jmuroran[.]com
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jp.serveuser[.]com
jpgcert[.]org
jpn.longmusic[.]com
jpnxzshopdata.authorizeddns[.]org
jpstarmarket.serveusers[.]com
kaka.lehigtapp[.]com
kawasaki.cloud-maste[.]com
kawasaki.unhamj[.]com
kennedy.tffghelth[.]com
key.zzux[.]com
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knowledge.sellclassics[.]com

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linuxforover[.]com
linuxsofta[.]com
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lizard.poulsenv[.]com
logon-live[.]com
lottedfstravel.webbooting[.]com
loveddos[.]com
lzf550.r3u8[.]com
ma.vizvaz[.]com
mac.goldtoyota[.]com
mac.methoder[.]com
macfee.mrface[.]com
macforlinux[.]net
maffc.mrface[.]com
mail.architectisusa[.]com
mail.macforlinux[.]net
mailcarriage.co[.]uk
mailj.hostport9[.]net
mailserver[.]com
mailserver[.]com
mailvserver[.]com
malcolm.ffmpeg[.]com
malware.dsmtip[.]com
manager.architectisusa[.]com
manager.jetos[.]com
markabcinfo.dynamicdns.me[.]uk
martin.sellclassics[.]com

mason.vizvaz[.]com
mbaby.macforlinux[.]net
medexplor.thedomais[.]info
mediapath.organiccrap[.]com
meiji-ac-jp[.]com
mesjm.emailfound[.]info
message.emailfound[.]info
message.p6p6[.]net
messagea.emailfound[.]info
methoder[.]com
mf.ddns[.]info
microcnlgb.3322[.]org
microdef.2288[.]org
microhome.wikaba[.]com
microsoft.got-game[.]org
microsoft.mrface[.]com
microsoftdownload.zzux[.]com
microsoftempowering.sendsmtp[.]com
microsoften[.]com
microsoftgame.mrface[.]com
microsoftgetstarted.sexidude[.]com
microsoftimages.organiccrap[.]com
microsoftmirror.mrbasic[.]com
microsoftmusic.itemdb[.]com
microsoftmusic.mrbasic[.]com
microsoftmusic.onedumb[.]com
microsoftqckmanager.pcanewhere[.]net
microsoftstore.jetos[.]com
microsoftstores.itemdb[.]com
microsoftupdate.mrbasic[.]com
microsoftupdate.qhigh[.]com
microsoftupdates.vizvaz[.]com
micrsoftware.dsmt[.]com
mircsoft.compress[.]to
mivsee.website0012[.]net
mmofoojap.2288[.]org
mmy.ddns[.]us
mobile.2waky[.]com
mocha.100fanwen[.]com

mod.jetos[.]com
mofa.dynamic-dns[.]net
mofa.ns01[.]info
mofa.strangled[.]net
mofaess[.]com
mofa-go-jp[.]com
mongoles.3322[.]org
monkey.2012yearleft[.]com
moscowstdsupdate.toythieves[.]com
mrsloveaqx.mrslove[.]com
ms.ecc.u-tokyo-ac-jp[.]com
mseupdate.ourhobby[.]com
msg.ezua[.]com
msn.incloud-go[.]com
muller.exprenum[.]com
music.applemusic.itemdb[.]com
music.cleansite[.]us
music.websego[.]net
musicfile.ikwb[.]com
musicinfo.everydayfilmlink[.]com
musiclinker.jkub[.]com
musicsecph.squirly[.]info
mx.yetrula[.]eu
myie12[.]com
mymusicbox.lflinkup[.]org
mymusicbox.vizvaz[.]com
myphpwebsite.itsaol[.]com
myrestroomimage.isasecret[.]com
mytwhomeinst.sendsmtp[.]com
myurinikoreaaps.ninth[.]biz
na.americanunfinished[.]com
na.onmypc[.]org
nasa.xxuz[.]com
nec.website0012[.]net
news.100fanwen[.]com
newsdata.jkub[.]com
newsfile.toythieves[.]com
newsreport.justdied[.]com
newsroom.cleansite[.]info

nezwq.ezua[.]com
ngcc.8800[.]org
niushenghuo[.]info
nk10.belowto[.]com
nk20.belowto[.]com
nlddnsinfo.https443[.]org
nmx.mrbonus[.]com
nn.dynssl[.]com
no.authorizeddns[.]org
node.mofaess[.]com
nodns2.qipian[.]org
nposnewsinfo.qhigh[.]com
ns1.belowto[.]com
ns1.tlchs2[.]ml
ns2.belowto[.]com
ns21.belowto[.]com
ns22.belowto[.]com
ns4.belowto[.]com
ns5.belowto[.]com
nsa.mefound[.]com
nsatcdns[.]com
nt.mynumber[.]org
nttdata.otzo[.]com
nunluck.re26[.]com
nz.compress[.]to
oipbl[.]com
ol.almostmy[.]com
oldbmwy[.]com
oms.sindeali[.]com
openmofa.8866[.]org
oracleupdate.dns04[.]com
osaka-jpgo[.]com
outlook.otzo[.]com
owlmedia.mefound[.]com
p6p6[.]net
peopleinfodata.3-a[.]net
phptecinfohelp.itemdb[.]com
pictures.everydayfilmink[.]com
pj.qpoe[.]com

points.mofaess[.]com
polopurple[.]com
pop.architectisusa[.]com
pop.loveddos[.]com
portal.mrface[.]com
portal.sendsmtp[.]com
portalsr.dynamic-dns[.]net
poulsenv[.]com
praskovya-matveyeva.mefound[.]com
praskovya-ulyanova.dumb1[.]com
premium.redforlinux[.]com
products.almostmy[.]com
products.cleansite[.]us
products.serveuser[.]com
program.acmetoy[.]com
prrmes4019.r3u8[.]com
purchase.lflinkup[.]org
q6.niushenghuo[.]info
qtsofta[.]com
quick.oldbmwy[.]com
r3u8[.]com
radiorig[.]com
rain.orcldl.windowsupdate.authorizeddns[.]us
rakutenmusic[.]com
rdns-4.infoproduto1[.]tk
re26[.]com
read.xxuz[.]com
recent.dns-stuff[.]com
recent.fartit[.]com
record.hostport9[.]net
record.webssl9[.]info
record.wschandler[.]com
redforlinux[.]com
referred.gr8domain[.]biz
referred.yourtrap[.]com
register.ourhobby[.]com
registration2.instanthq[.]com
registrations.4pu[.]com
registrations.organiccrap[.]com

reports.tomorrowforgood[.]com
reserveds.onedumb[.]com
resources.applemusic.itemdb[.]com
rethem.almostmy[.]com
rg197[.]win
rlbeydn.hi.r3u8[.]com
saiyo.exprenum[.]com
sakai.unhamj[.]com
salvaiona[.]com
sappore.cloud-maste[.]com
sapporo.cloud-maste[.]com
sapporot[.]com
sat.suayay[.]com
saverd.re26[.]com
sbuudd.webssl9[.]info
sc.weboot[.]info
scholz-versand[.]com
scorpion.poulsenv[.]com
scr1k.exprenum[.]com
sdmsg.onmypc[.]org
se.toythieves[.]com
sea.websego[.]net
secertnews.mrbasic[.]com
secmicrosoo.6600[.]org
secnetshit[.]com
secserverupdate.toh[.]info
sell.mofaess[.]com
sema.linuxsofta[.]com
send.have8000[.]com
send.mofa.ns01[.]info
sendmsg.jumpingcrab[.]com
senseye.ikwb[.]com
senseye.mrbonus[.]com
septdlluckysystem.jungleheart[.]com
seraphim-yurieva.justdied[.]com
serv.justdied[.]com
server1.proxydns[.]com
seyesb.acmetoy[.]com
sha.25u[.]com

sha.ikwb[.]com
shenajou[.]com
shoppingcentre.station155[.]com
shrimp.bdoncloud[.]com
shrimp.UsFfUnicef[.]com
shugiin.jkub[.]com
sindeali[.]com
singed.otzo[.]com
siteinit[.]info
sky.oldbmwy[.]com
sma.jimindaddy[.]com
smo.gadskysun[.]com
smtp.architectisusa[.]com
smtp.macforlinux[.]net
smtp230.toldweb[.]com
somthing.re26[.]com
sstday.jkub[.]com
start.usrobothome[.]com
station155[.]com
stevenlf[.]com
stone.jumpingcrab[.]com
style.u-tokyo-ac-jp[.]com
suayay[.]com
suibian2010[.]info
support1.mrface[.]com
supportus.mefound[.]com
suzukigooogle.8866[.]org
svc.dynssl[.]com
synssl.dnset[.]com
sz.thedomais[.]info
taipei.yourtrap[.]com
taipeifoodsite.ocry[.]com
tamraj.fartit[.]com
telegraph.mefound[.]com
test.usyahoapis[.]com
tfa.longmusic[.]com
tffghelth[.]com
thedomais[.]info
ticket.instanthq[.]com

ticket.jetos[.]com
ticket.serveuser[.]com
tidatacenter.shenajou[.]com
tisdatacenter.shenajou[.]com
tisupdateinfo.faqserv[.]com
tokyofile.2waky[.]com
tokyo-gojp[.]com
tomorrowforgood[.]com
tophost.dynamicdns.co[.]uk
toshste[.]com
toya.7766[.]org
transfer.lflinkup[.]org
transfer.mrbasic[.]com
transfer.vizvaz[.]com
trasul.mypicture[.]info
travelyokogawafz.fartit[.]com
trendmicroudate.shenajou[.]com
trendsecurity.shenajou[.]com
trout.belowto[.]com
tv.goldtoyota[.]com
tw.2012yearleft[.]com
twmusic.proxydns[.]com
twpeplemusicstie.my03[.]com
twtravelinfomation.toythieves[.]com
twx.mynumber[.]org
tyoto-go-jp[.]com
u1.FartIT[.]com
u1.haoyujd[.]info
ubuntusofta[.]com
ugreen.itemdb[.]com
ui.hdcdui[.]com
uk.dynamicdns.org[.]uk
ukuoka.cloud-maste[.]com
ultimedia.vmmiini[.]com
un.ddns[.]info
un.dnsrd[.]com
unhamj[.]com
update.yourtrap[.]com
updatemirrors.fartit[.]com

updates.itsaol[.]com
ups.improvejpease[.]com
urearapetsu[.]com
usa.got-game[.]org
usa.itsaol[.]com
usa.japanteam[.]org
usffunicef[.]com
usmirocomney[.]net
usrobothome[.]com
usyahooapis[.]com
u-tokyo-ac-jp[.]com
uu.logon-live[.]com
uu.niushenghuo[.]info
ux.niushenghuo[.]info
v4.appledownload.ourhobby[.]com
v4.itunesmusic.jkub[.]com
v4.microsoftmusic.onedumb[.]com
v4.microsoftupdate.mrbasic[.]com
v4.windowsupdate.authorizeddns[.]org
v4.windowsupdate.DEDGESUITE[.]NET
v4.windowsupdate.dnset[.]com
v4.windowsupdate.itsaol[.]com
v4.windowsupdate.lflinkup[.]com
v4.windowsupdate.mrface[.]com
v4.windowsupdate.nsatcdns[.]com
v4.windowsupdate.x24hr[.]com
v4.windowsupdates.dnsrd[.]com
veryhuai[.]info
video.vmdnsup[.]org
vmdnsup[.]org
vmmini[.]com
vmyiersend.WEBSAGO[.]INFO
vmyisan.website0012[.]net
vscue[.]com
wchildress[.]com
wcwname[.]com
wcxh.mynetav[.]net
wdsupdates[.]com
webbooting[.]com

webdirectnews.dynamicdns[.]biz
webinfoseco.ygto[.]com
webmailentry.jetos[.]com
weboot[.]info
websago[.]info
websego[.]net
website0012[.]net
websiteboo.website0012[.]net
websitesnewsmanager.ninth[.]biz
webssl9[.]info
well.itsaol[.]com
well.mrbasic[.]com
whale.toshste[.]com
whellbuy.wschandler[.]com
whyis.haoyujd[.]info
wike.wikaba[.]com
windowfile.itemdb[.]com
windowsimages.itemdb[.]com
windowsimages.qhigh[.]com
windowsmirrors.vizvaz[.]com
windowsstores.gettrials[.]com
windowsstores.organiccrap[.]com
windowsupdate.2waky[.]com
windowsupdate.3-a[.]net
windowsupdate.acmetoy[.]com
windowsupdate.authorizeddns[.]net
windowsupdate.authorizeddns[.]org
windowsupdate.authorizeddns[.]us
windowsupdate.dedgesuite[.]net
windowsupdate.dns05[.]com
windowsupdate.dnset[.]com
windowsupdate.esmtp[.]biz
windowsupdate.ezua[.]com
windowsupdate.fartit[.]com
windowsupdate.gettrials[.]com
windowsupdate.instanthq[.]com
windowsupdate.itsaol[.]com
windowsupdate.jungleheart[.]com
windowsupdate.lflink[.]com

windowsupdate.mrface[.]com
windowsupdate.mylftv[.]com
windowsupdate.nsatcdns[.]com
windowsupdate.organiccrap[.]com
windowsupdate.rebatesrule[.]net
windowsupdate.sellclassics[.]com
windowsupdate.serveusers[.]com
windowsupdate.vizvaz[.]com
windowsupdate.wcwname[.]com
windowsupdate.x24hr[.]com
windowsupdate.ygto[.]com
windowsupdates.dnset[.]com
windowsupdates.ezua[.]com
windowsupdates.ikwb[.]com
windowsupdates.itemdb[.]com
windowsupdates.proxydns[.]com
workerisgood[.]com
woyaofanwen[.]com
wschandler[.]com
wthelpdesk[.]com
wubangtu[.]info
www.2014.zzux[.]com
www.97sm[.]com
www.9gowg[.]tech
www.abdominal.faqserv[.]com
www.additional.sexidude[.]com
www.afc.https443[.]org
www.androidmusicapp.onmypc[.]us
www.announcements.toythieves[.]com
www.anx-own-334.mrbasic[.]com
www.apple.ikwb[.]com
www.appledownload.ourhobby[.]com
www.appleimages.itemdb[.]com
www.appleimages.longmusic[.]com
www.appleimages.organiccrap[.]com
www.applejuice.itemdb[.]com
www.applemirror.organiccrap[.]com
www.applemirror.squirly[.]info
www.applemusic.isasecret[.]com

www.applemusic.itemdb[.]com
www.applemusic.wikaba[.]com
www.applemusic.xxuz[.]com
www.applemusic.zzux[.]com
www.appleupdate.itemdb[.]com
www.appleupdateurl.2waky[.]com
www.architectisusa[.]com
www.army.xxuz[.]com
www.art.p6p6[.]net
www.asfzx.x24hr[.]com
www.availab.wikaba[.]com
www.availability.justdied[.]com
www.babymusicsitetr.mymom[.]info
www.back.jungleheart[.]com
www.balance1.wikaba[.]com
www.be.mrslove[.]com
www.belowto[.]com
www.billing.organiccrap[.]com
www.blaaaaaaaaaaaaa.windowsupdate.3-a[.]net
www.brand.fartit[.]com
www.bulletproof.squirly[.]info
www.cabbage.iownyour[.]biz
www.ccupdatedata.authorizeddns[.]net
www.cdn.incloud-go[.]com
www.center.shenajou[.]com
www.chaindungeons[.]com
www.cia.ezua[.]com
www.cia.toh[.]info
www.civilwar123.authorizeddns[.]org
www.civilwar520.onmypc[.]org
www.cloud-maste[.]com
www.cnnews.mylftv[.]com
www.commissioner.shenajou[.]com
www.commonsonedumb[.]com
www.contractus.qpoe[.]com
www.corp-dnsonline.itsaol[.]com
www.courier.jetos[.]com
www.cress.mynetav[.]net
www.ctdl.windowsupdate.nsatcdns[.]com

www.ctldl.microsoftupdate.qhigh[.]com
www.ctldl.windowsupdate.authorizeddns[.]us
www.ctldl.windowsupdate.esmtp[.]biz
www.ctldl.windowsupdate.mrface[.]com
www.cwiinatonal[.]com
www.dasoftactivemodule.toythieves[.]com
www.dasonews.youdontcare[.]com
www.daughter.vizvaz[.]com
www.de.onmypc[.]info
www.details.squirly[.]info
www.development.shenajou[.]com
www.devilcase.acmetoy[.]com
www.disruptive.https443[.]net
www.dns-hinettw.25u[.]com
www.document.shenajou[.]com
www.domainnow.yourtrap[.]com
www.download.windowsupdate.nsatcdns[.]com
www.ea.onmypc[.]info
www.eddo.qpoe[.]com
www.ehshiroshima.mylftv[.]com
www.eric-averyanov.wha[.]la
www.eu.acmetoy[.]com
www.eu.wha[.]la
www.express.lflinkup[.]com
www.extraordinary.dynamic-dns[.]net
www.f068v[.]site
www.facefile.fartit[.]com
www.fertile.authorizeddns[.]net
www.file.zzux[.]com
www.findme.epac[.]to
www.fire.mrface[.]com
www.firstnews.jkub[.]com
www.fjs.wikaba[.]com
www.foal.wchildress[.]com
www.fr.wikaba[.]com
www.freegamecenter.onedumb[.]com
www.fruit.qhigh[.]com
www.fuck.ikwb[.]com
www.fuckmm.dns-dns[.]com

www.fukuoka.cloud-maste[.]com
www.g3ypf[.]online
www.garlic.dyndns[.]pro
www.generat.almostmy[.]com
www.glicense.shenajou[.]com
www.goldtoyota[.]com
www.goodmusic.justdied[.]com
www.goesdataios.instanthq[.]com
www.grammar.jkub[.]com
www.helpus.ddns[.]info
www.hii.qhigh[.]com
www.hinetonlinedns.dns05[.]com
www.incloud-go[.]com
www.innocent-isayev.sexidude[.]com
www.interpreter.shenajou[.]com
www.invoices.sexxy[.]biz
www.iphone.vizvaz[.]com
www.ipv4.microsoftupdate.mrbasic[.]com
www.ipv4.windowsupdate.3-a[.]net
www.ipv4.windowsupdate.esmtp[.]biz
www.ipv4.windowsupdate.fartit[.]com
www.ipv4.windowsupdate.lflink[.]com
www.ipv4.windowsupdate.mrface[.]com
www.ipv4.windowsupdate.mylftv[.]com
www.ipv4.windowsupdate.nsatcdns[.]com
www.itlans.isasecret[.]com
www.itunesdownload.jkub[.]com
www.itunesdownload.vizvaz[.]com
www.itunesdownload.wikaba[.]com
www.itunesimages.itemdb[.]com
www.itunesimages.itsaol[.]com
www.itunesimages.qpoe[.]com
www.itunesmirror.fartit[.]com
www.itunesmirror.itsaol[.]com
www.itunesmusic.ikwb[.]com
www.itunesmusic.jetos[.]com
www.itunesmusic.jkub[.]com
www.itunesmusic.zzux[.]com
www.itunesupdate.itsaol[.]com

www.itunesupdates.organiccrap[.]com
www.japanenvnews.qpoe[.]com
www.jd978[.]com
www.jimin.jimindaddy[.]com
www.jimin.mymom[.]info
www.jp.serveuser[.]com
www.jpnapstore.ourhobby[.]com
www.jpnewslogs.sendsmtp[.]com
www.jpnxzshopdata.authorizeddns[.]org
www.kawasaki.cloud-maste[.]com
www.kawasaki.unhamj[.]com
www.key.zzux[.]com
www.knowledge.sellclassics[.]com
www.lan.dynssl[.]com
www.last.p6p6[.]net
www.latestnews.epac[.]to
www.latestnews.organiccrap[.]com
www.leedong.longmusic[.]com
www.leeks.mrbonus[.]com
www.liberty.acmetoy[.]com
www.license.shenajou[.]com
www.lion.wchildress[.]com
www.loveddos[.]com
www.macfee.mrface[.]com
www.macforlinux[.]net
www.maffc.mrface[.]com
www.malware.dsmtip[.]com
www.manager.jetos[.]com
www.markabcinfo.dynamicdns.me[.]uk
www.mason.vizvaz[.]com
www.mediapath.organiccrap[.]com
www.meiji-ac-jp[.]com
www.messagea.emailfound[.]info
www.microsoft.got-game[.]org
www.microsoft.mrface[.]com
www.microsoftempowering.sendsmtp[.]com
www.microsoftgame.mrface[.]com
www.microsoftgetstarted.sexidude[.]com
www.microsoftimages.organiccrap[.]com

www.microsoftmirror.mrbasic[.]com
www.microsoftmusic.itemdb[.]com
www.microsoftmusic.mrbasic[.]com
www.microsoftqckmanager.pcanewhere[.]net
www.microsoftupdate.mrbasic[.]com
www.microsoftupdate.qhigh[.]com
www.micrsoftware.dsmtip[.]com
www.mircsoft.compress[.]to
www.mmy.ddns[.]us
www.mod.jetos[.]com
www.mofa.dynamic-dns[.]net
www.mofa.ns01[.]info
www.moonnightthse.zyns[.]com
www.moscowdic.trickip[.]org
www.moscowstdsupdate.toythieves[.]com
www.mseupdate.ourhobby[.]com
www.msg.ezua[.]com
www.msn.incloud-go[.]com
www.musicfile.ikwb[.]com
www.musicjj.zzux[.]com
www.musicsecph.squirly[.]info
www.mymusicbox.lflinkup[.]org
www.mymusicbox.vizvaz[.]com
www.myrestroomimage.isasecret[.]com
www.mytwhomeinst.sendsmtip[.]com
www.myurinikoreaaps.ninth[.]biz
www.na.americanunfinished[.]com
www.na.onmypc[.]org
www.networkjpnzee.mynetav[.]org
www.newcityoforward.rebatesrule[.]net
www.newdnssec-info.4mydomain[.]com
www.newsdata.jkub[.]com
www.newsfile.toythieves[.]com
www.newsroom.cleansite[.]info
www.nlddnsinfo.https443[.]org
www.no.authorizeddns[.]org
www.nposnewsinfo.qhigh[.]com
www.nsa.mefound[.]com
www.nt.mynumber[.]org

www.nttdata.otzo[.]com
www.nuisance.serveusers[.]com
www.nz.compress[.]to
www.ol.almostmy[.]com
www.oldbmwy[.]com
www.onion.jkub[.]com
www.onlinednsserver.sendsmtp[.]com
www.oracleupdate.dns04[.]com
www.oyster.jkub[.]com
www.p6p6[.]net
www.packetsdsquery.dns05[.]com
www.pepper.sexxy[.]biz
www.phptecinfohelp.itemdb[.]com
www.pickled.myddns[.]com
www.polopurple[.]com
www.portal.mrface[.]com
www.portal.sendsmtp[.]com
www.portalser.dynamic-dns[.]net
www.praskovya-matveyeva.mefound[.]com
www.praskovya-ulyanova.dumb1[.]com
www.products.almostmy[.]com
www.products.cleansite[.]us
www.products.serveuser[.]com
www.purchase.lflinkup[.]org
www.rainbow.mypop3[.]org
www.re26[.]com
www.read.xxuz[.]com
www.recent.dns-stuff[.]com
www.recent.fartit[.]com
www.redflower.isasecret[.]com
www.referred.gr8domain[.]biz
www.referred.yourtrap[.]com
www.register.ourhobby[.]com
www.registration2.instanthq[.]com
www.registrations.4pu[.]com
www.registrations.organiccrap[.]com
www.remeberdata.iownyour[.]org
www.reserveds.onedumb[.]com
www.rethem.almostmy[.]com

www.rg197[.]win
www.sakai.unhamj[.]com
www.sapporo.cloud-maste[.]com
www.sauerkraut.sellclassics[.]com
www.saverd.re26[.]com
www.sbuudd.webssl9[.]info
www.sdmsg.onmypc[.]org
www.se.toythieves[.]com
www.secertnews.mrbasic[.]com
www.secretshit[.]com
www.secserversupdate.toh[.]info
www.senseye.ikwb[.]com
www.senseye.mrbonus[.]com
www.septdlluckysystem.jungleheart[.]com
www.seraphim-yurieva.justdied[.]com
www.serv.justdied[.]com
www.server1.proxydns[.]com
www.seyesb.acmetoy[.]com
www.showy.almostmy[.]com
www.shugiin.jkub[.]com
www.sindeali[.]com
www.singed.otzo[.]com
www.sojourner.mypicture[.]info
www.sstday.jkub[.]com
www.support1.mrface[.]com
www.supportus.mefound[.]com
www.svc.dynssl[.]com
www.sweetheart.sexxy[.]biz
www.synssl.dnset[.]com
www.tamraj.fartit[.]com
www.telegraph.mefound[.]com
www.tfa.longmusic[.]com
www.thunder.wikaba[.]com
www.ticket.instanthq[.]com
www.ticket.serveuser[.]com
www.tisupdateinfo.faqserv[.]com
www.tokyofile.2waky[.]com
www.tophost.dynamicdns.co[.]uk
www.transfer.lflinkup[.]org

www.transfer.mrbasic[.]com
www.transfer.vizvaz[.]com
www.twgovernmentinfo.acmetoy[.]com
www.twsslpopservupro.dynssl[.]com
www.ugreen.itemdb[.]com
www.uk.dynamicdns.org[.]uk
www.un.ddns[.]info
www.un.dnsrd[.]com
www.unhamj[.]com
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