



Security Response

Comment Crew: Indicators of Compromise



Introduction

This document contains additional Comment Crew indicators of compromise that were seen in the past year. See our [accompanying blog](#) for more information.

This document details the following types of indicators:

- Network
- File
- System
- Email

The contents of this document are indicators only and may match legitimate services or applications. Additional verification is required to confirm an actual compromise.

Network indicators

Network based indications of possible compromise by the comment crew attackers.

HTTP POST traffic containing

- name=GeorgeBush&userid=<4 digit number>&other=

HTTP GET traffic to pages with paths:

- aspnet_client/report.asp
- Resource/device_Tr.asp
- images/device_index.asp
- news/media/info.html
- backsangho.jpg
- addCats.asp
- SmartNav.jpg
- nblogo2.jpg

Domains

- GT446.ezua.COM
- anewsonline.com
- avmail.com
- cas.ibooks.tk
- cas.m-e.org.ru
- colville.com
- cvba.com
- deebeedesigns.ca
- dev.teamattire.com
- doversolutions.co.in
- download.epac.to
- drgeorges.com
- dril-quip.deltae.com.br
- dsds.co.kr
- [REMOVED].ruok.org
- engineer.lflinkup.org
- exactearth.info.tm
- fbrshop.com
- firebirdonline.com
- forceoptions.net
- freelanceindy.com
- ftp.xmahone.ocry.com
- garyhart.com
- gobroadreach.com
- hint.happyforever.com
- hojutsu.com
- imly.org
- interradiology.com
- jimnaugle.com

- kayauto.net
- keenathomas.com
- ks.utworld.ch
- mast.zyns.com
- media.conci.com.au
- media.finanstalk.ru
- media.metdf.com.au
- meeting.toh.info
- mountainvalley.americanunfinished.com
- mrswehrman.com
- mwa.net
- news.hqrls.com
- odysseus.qs-va.orbcomm.net
- ohb-technology.brgh.de
- omegalogos.org
- pastorsrest.com
- portal.itsaol.com
- progammerli.com
- rbaparts.com
- report.crabdance.com
- [REMOVED].photo-frame.com
- route.cisco.ns01.info
- shunleewest.com
- slowblog.com
- smilecare.com
- software.myftp.info
- soko.com
- tcw.homier.com
- [REMOVED]comminc.us.to
- [REMOVED].arnotex.com
- thecrownsgolf.org
- [REMOVED].alfalcons.com
- twocirclesmusic.com
- un.linuxd.org
- update.sektori.org
- us.gnpes.org
- vwrn.com
- woodagency.com
- worldnews.kickingdruging.toythieves.com

Internet protocol addresses

- 140.116.70.8
- 143.89.35.7
- 143.89.35.7
- 150.176.164.6
- 202.105.39.39
- 202.39.61.136
- 202.6.235.83
- 203.200.205.245
- 204.111.73.150

- 209.124.51.194
- 209.124.51.219
- 209.161.249.125
- 209.208.114.83
- 209.233.16.84
- 209.253.17.229
- 211.232.57.235
- 212.130.19.154
- 218.232.66.12
- 218.233.206.2
- 218.234.17.30
- 24.73.192.154
- 46.149.18.151
- 60.248.52.95
- 61.219.67.1
- 63.192.38.11
- 64.80.153.108
- 65.105.157.228
- 65.110.1.32
- 65.114.195.226
- 65.89.173.68
- 66.151.16.30
- 66.155.114.145
- 66.170.3.43
- 66.228.132.53
- 66.228.132.8
- 68.17.104.162
- 68.96.31.136
- 69.20.5.219
- 69.25.50.10
- 69.28.168.10
- 69.74.43.87
- 69.90.123.6
- 69.90.18.22
- 69.90.18.23
- 70.108.241.36
- 70.62.232.98
- 74.86.197.56
- 74.93.92.50
- 78.95.63.1

File indicators

File based indications of possible compromise by the comment crew attackers.

Filenames and locations:

- %TEMP%\AdobeARM.exe
- %TEMP%\iTunesHelper.exe
- %PROGRAMS%\Startup\AdobeRe.exe
- rouj.exe
- %USERPROFILE%\Local Settings\iexplore.exe
- %USERAPPDATA%\Microsoft\wuauclt.exe
- %PROGRAMS%\Startup\adobeup.exe
- %TEMP%\AdobeUpdater.exe
- NTLMSVC.DLL
- %PROGRAMS%\Startup\adobe_sl.lnk
- %TEMP%\runinfo.exe

File version Info:

Product: SoundMAX service agent

Description: Microsoft NTLM Service Holder

Product & Description: JpgAsp

File MD5 hashes:

00b61db083b07a64fb6072b42aa83dc1
0136ab6d2e507d4e63990b196121d41c
017c03ad61f89ee6597ead40cc552aef
019cb1a6776f0e0d353814711e9e171b
02043566d027445374a1f7f0fc35d495
025dc68c8e06d6488e338dcc55b295eb
026c1532db8125fbae0e6aa1f4033f42
02c9a3c3efd52e43dbf53e0995a7a24e
051caf12c36662d946fd0146cd199db5
05269f5236bd89b66f6f4694abef6222
05c63c450d4d2aeb23053a6b6f8275b0
05df8d890eb18614a7d206b41453d306
086e91fa95136ad1d814cac327543bf9
08ac41ce00bf436a3dc23c4639d5f5ed
0925fb0f4c06f8b2df86508745dbacb1
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718179479dd9bd93beae66665e452c87
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71fd3ea6c3e7e2f1eba9d7e911b1cffe
7228ac8f341f6ecaff45c8163f421f14
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7bcdd0e5996e849d1068fcffdec81371
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fd9b5c35c042a6c462187067fb869aac
fde5e109bfab33964564f387f8940030
fe568a370aa3d2c78125ab37c16484d1

System indicators

System based indications of possible compromise by the comment crew attackers.

Registry entries:

- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "Acroread"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "Adobe Update"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "AdobeCheck"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "AdobeCom"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "IMSCMig"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "McUpdate"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "Register"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "SysTray"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "systemupdate"
- HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\ "wininstaller"
- HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run\ "APVSVC"
- HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run\ "AdobeUpdate"

Service names:

- aec
- elpmasym
- Net CLR

Email indicators

Email based indications of possible compromise by the comment crew attackers.

Subject lines

- Capt [REMOVED] update
- Fw: LES Request
- Libya crisis
- Five Simple Questions for Democrats on Spending Cuts
- Behind the Easing of Israeli-Palestinian Tensions
- Business Exec Urges Broad Trade Agenda To Curb China Role In Latin America
- President Chavezs Comments About President Obama and the United States on Sundays "Alo,Presidente"
- FW: New Standard Operational Procedures (SOPs) between the
- AGENDA
- [REMOVED] Help You Save Enough for Retirement
- Human right of north Africa under war
- Spreading Civil Unrest in the Middle East and North Africa
- The latest analysis on Syria
- International Atomic Energy Agency invite you to attend Atomic Energy Summit
- GAC Monthly Report
- Emergency notification
- Meeting information of [REMOVED]
- Meeting information of [REMOVED]
- Meeting notice from [REMOVED]
- Meeting notice from [REMOVED]
- FY12 Government Opportunities
- Yemen para for SC briefing
- Fighting Protectionism and Promoting Trade and Investment
- Weekly Security Report
- Agenda of [REMOVED] Visit in July 2011
- Agenda of [REMOVED] Visit in July 2011
- Obituary Notice
- Updated Roster 20110712
- 2011 project budget
- [REMOVED] National Security Seminar
- Current international situation surrounding Syria
- New Update of Health & Medical force
- FW:How to Get Free Airline Tickets
- Nuclear Security and Summit Diplomacy
- Fw: [REMOVED] Defence & Security Industry Mission to [REMOVED] 201
- [REMOVED] heriketlik pilani
- 2012 Global aerospace and defense industry outlook

Email attachment names

- update.exe
- CTF 2011 (MF).xls
- BBC Monitoring reports..xls

- Five Simple Questions for Democrats on Spending Cuts.doc
- Behind the Easing of Israeli-Palestinian Tensions.doc
- Business Exec Urges Broad Trade Agenda To Curb China Role In Latin America.doc
- PatriotLMSR2009Fin .doc
- New SOPs for HEC Coord with NATO.pdf
- agenda201005.pdf
- Human right report of noth Afica under the war.scr
- Middle_East_Civil_Unrest.pdf
- Protests Spread in Syria.pdf
- Cybersecurity and Cyber War.pdf
- The Meeting intivation of International Atomic Energy Agency 06-05-2011.scr
- meeting invitation of British Council 2011.scr
- Meeting information details of [REMOVED].exe
- Meeting information details of [REMOVED].exe
- Meeting detail information from [REMOVED].scr
- Meeting detail information from [REMOVED].scr
- FY12 Government Opportunities.pdf
- China's Jasmine protests.pdf
- Yemen para for SC briefing.doc
- DECLARATION- COMMENTS.Netherlands.pdf
- weekly_security_report-06-20-2011__-__06-26-2011.pdf
- 2011.xls
- Obituary.xls
- Updated_roster.xls
- 2011 project budget.xls
- Participant_Contacts.xls
- Current international situation surrounding Syria.doc
- Update of Health & Medical force.xls
- How to Get Free Airline Tickets.pdf
- REPLY_FORM.doc
- Global A&D outlook 2012.pdf
- Global_A&D_outlook_2012.pdf

References

Mandiant Indicators of Compromise

http://intelreport.mandiant.com/Mandiant_APT1_Report_Appendix.zip



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