



Analysis # 1823

07/25/2014 08:48 am

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| Analysis Summary | |
|---------------------|---|
| Submitted File: | hmrc.exe |
| MD5: | 80099834b3ec79ef9a277d28d48b7099 |
| File Size: | 282624 |
| File Type: | PE32 executable for MS Windows (GUI) Intel 80386 3 |
| Analysis Time: | 2014-07-25 08:48:51 |
| Start Reason: | AnalysisTarget |
| Termination Reason: | TerminatedBySelf |
| Start Time: | Fri, 25 Jul 2014 12:52:03 +0000 |
| Termination Time: | Fri, 25 Jul 2014 12:53:03 +0000 |
| Analysis Time: | 2014-07-25 08:48:51 |
| Sandbox: | XP-SP2 - 00-0C-29-B2-D2-62 |
| Total Processes: | 3 |
| Sample Notes: | |

| Digital Behavior Traits | | | |
|-------------------------|--|------------------------------|--|
| Alters Windows Firewall | | Hooks Keyboard | |
| Checks For Debugger | | Injected Code | |
| Copies to Windows | | Makes Network Connection | |
| Could Not Load | | Modifies File in System | |
| Creates DLL in System | | Modifies Local DNS | |
| Creates EXE in System | | More than 5 Processes | |
| Creates Hidden File | | Opens Physical Memory | |
| Creates Mutex | | Starts EXE in Documents | |
| Creates Service | | Starts EXE in Recycle | |
| Deletes File in System | | Starts EXE in System | |
| Deletes Original Sample | | Windows/Run Registry Key Set | |

Deleted Files

[process 2] C:\hmrc.exe

Stored Modified Files

[process 1] C:\Documents and Settings\Charlie\Application Data\cmd.exe

[process 3] C:\Documents and Settings\Charlie\Application Data\userdata.dat

[process 3] C:\Documents and Settings\Charlie\Application Data\userdata.dat

| Created Mutexes | |
|-----------------|--|
| | mutex |
| [process 1] | Name: CTF.LBES.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 1] | Name: CTF.Compart.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 1] | Name: CTF.Asm.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 1] | Name: CTF.Layouts.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 1] | Name: CTF.TMD.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.TimListCache.FMPDefaultS-1-5-21-602162358-879983540-1177238915-1003MUTEX.DefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.LBES.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.Compart.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.Asm.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.Layouts.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 2] | Name: CTF.TMD.MutexDefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: CTF.TimListCache.FMPDefaultS-1-5-21-602162358-879983540-1177238915-1003MUTEX.DefaultS-1-5-21-602162358-879983540-1177238915-1003 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: Xider78 Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: Local\c:\documents and settings!charlie!local settings!temporary internet files!content.ie5! Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: Local\c:\documents and settings!charlie!cookies! Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: Local\c:\documents and settings!charlie!local settings!history!history.ie5! Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |
| [process 3] | Name: Local\WininetConnectionMutex Desired Access: DELETE READ_CONTROL SYNCHRONIZE WRITE_DAC WRITE_OWNER MUTEX_MODIFY_STATE |

| Set Values | |
|-------------|---|
| | key |
| [process 1] | Key Name: \REGISTRY\MACHINE\SOFTWARE\Microsoft\Cryptography\ RNG Value: Seed |
| [process 1] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: AppData |
| [process 2] | Key Name: \REGISTRY\MACHINE\SOFTWARE\Microsoft\Cryptography\ RNG Value: Seed |
| [process 2] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: AppData |
| [process 2] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Run Value: GoogleUpdate |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: AppData |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: History |
| [process 3] | Key Name: \REGISTRY\MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: Common AppData |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders Value: AppData |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyEnable |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\windows\CurrentVersion\Internet Settings\Connections Value: SavedLegacySettings |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyEnable |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\windows\CurrentVersion\Internet Settings\Connections Value: SavedLegacySettings |
| [process 3] | Key Name: \REGISTRY\MACHINE\Software\Microsoft\Rpc Value: UuidSequenceNumber |

| Deleted Values | |
|----------------|---|
| | key |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyServer |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyOverride |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: AutoConfigURL |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyServer |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: ProxyOverride |
| [process 3] | Key Name: \REGISTRY\USER\S-1-5-21-602162358-879983540-1177238915-1003\Software\Microsoft\Windows\CurrentVersion\Internet Settings Value: AutoConfigURL |

| Network Events | | | |
|----------------|----------------|--------------|--|
| | Remote IP | Local IP | HTTP Command |
| [process 3] | 173.194.37.102 | 10.20.25.250 | none |
| [process 3] | 212.79.111.155 | 10.20.25.250 | none |
| [process 3] | 212.79.111.156 | 10.20.25.250 | none |
| [process 3] | 173.194.37.102 | 10.20.25.250 | none |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/5/publickey/72.64.146.112/ |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/0/Win_XP_32bit/1018/72.64.146.112/ |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/SNmXkOFDlqDuTPnyrflMgBMaJvhWOwR/72.64.146.112/ / |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/5/replace/72.64.146.112/ |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/14/NAT/Symmetric%20NAT/0/72.64.146.112/ POST /private/sandbox_status.php |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/tdPVEmqQwsTYYYYXEQiBWJYhxTtAdXqC/72.64.146.112/ / |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/UDltpsFGeKQVGLJgFjdUhhTAdjfFXAK/72.64.146.112/ / |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/tdWFGdCVIayalwAjTidFEiclHLAbaAp/72.64.146.112/ / |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/manVJqodopKsuutTFqjgEMqtkhjLLYS/72.64.146.112/ / POST /private/sandbox_status.php |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/GkoCakifaewpeEHIORJQMsFCwCWlnmx/72.64.146.112/ / POST /private/sandbox_status.php |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/KqXEAmPuoBQRsKPqmucdrWknkhtOFTM/72.64.146.112 9/14 |

| | | | |
|-------------|----------------|--------------|--|
| [process 3] | 188.165.214.17 | 10.20.25.250 | / |
| | | | GET |
| | | | /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/IJtuLYHIUThnkanKLmUDvonelfYGbwB/72.64.146.112 |
| | | | / |
| | | | POST |
| | | | /private/sandbox_status.php |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET |
| | | | /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/gGeRCBvOLkmKCaPhaVtWnnbyOgFKEWK/72.64.146.112 |
| | | | / |
| [process 3] | 188.165.214.17 | 10.20.25.250 | GET |
| | | | /uk3/NODE01_W512600.AE5C3F25B6EB57671A1DF5655EBA3A6F/1/YBmduCjfomyJhiJiwBolyBPBRoGwkBw/72.64.146.112 |
| | | | / |

| Network Traffic | | |
|-----------------|-----------------|--------------|
| | Remote IP | Local IP |
| Connection #1 | 10.20.25.255 | 10.20.25.250 |
| Connection #2 | 239.255.255.250 | 10.20.25.250 |
| Connection #3 | 212.79.111.155 | 10.20.25.250 |
| Connection #4 | 212.79.111.156 | 10.20.25.250 |

| DNS Requests | |
|----------------|----------------|
| Request | Result |
| google.com | 173.194.37.102 |
| | 173.194.37.97 |
| | 173.194.37.105 |
| | 173.194.37.99 |
| | 173.194.37.101 |
| | 173.194.37.100 |
| | 173.194.37.110 |
| | 173.194.37.96 |
| | 173.194.37.104 |
| | 173.194.37.103 |
| | 173.194.37.98 |
| stun.iptel.org | 212.79.111.155 |

| Virus Total Results | |
|-----------------------|----------------------------|
| Last Scanned: | 2014-07-25 12:47:19 |
| Bkav: | HW32.CDB.4aae |
| MicroWorld-eScan: | Not Detected |
| nProtect: | Not Detected |
| CMC: | Not Detected |
| CAT-QuickHeal: | Not Detected |
| McAfee: | Not Detected |
| Malwarebytes: | Not Detected |
| SUPERAntiSpyware: | Not Detected |
| TheHacker: | Not Detected |
| K7GW: | Not Detected |
| K7AntiVirus: | Not Detected |
| NANO-Antivirus: | Not Detected |
| F-Prot: | Not Detected |
| Symantec: | Not Detected |
| Norman: | Not Detected |
| TotalDefense: | Not Detected |
| TrendMicro-HouseCall: | Not Detected |
| ClamAV: | Not Detected |
| Kaspersky: | Not Detected |
| BitDefender: | Not Detected |
| Agnitum: | Not Detected |
| ViRobot: | Not Detected |
| ByteHero: | Not Detected |
| Tencent: | Not Detected |
| Ad-Aware: | Not Detected |
| Sophos: | Not Detected |
| Comodo: | Not Detected |
| DrWeb: | Not Detected |
| VIPRE: | Not Detected |
| AntiVir: | Not Detected |
| TrendMicro: | Not Detected |
| McAfee-GW-Edition: | Not Detected |
| Emsisoft: | Not Detected |
| Jiangmin: | Not Detected |
| Antiy-AVL: | Not Detected |
| Microsoft: | Not Detected |
| AegisLab: | Not Detected |
| GData: | Not Detected |
| CommTouch: | Not Detected |
| AhnLab-V3: | Not Detected |
| VBA32: | Not Detected |
| Panda: | Trj/Genetic.gen |
| Zoner: | Not Detected |
| ESET-NOD32: | Not Detected |
| Rising: | Not Detected |
| Ikarus: | Not Detected |
| Fortinet: | Not Detected |
| AVG: | Not Detected |
| Baidu-International: | Not Detected |
| Qihoo-360: | HEUR/Malware.QVM07.Gen |

ThreatTrack Security, Inc.

33 North Garden Avenue, Suite 1200, Clearwater, Florida, USA 33755

Telephone: (855) 443-4284 Intl: +1(813)367-9907

Email: Sales@ThreatTrack.com

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