

```
@@ -7,7 +7,7 @@ id = "75b80e66-90d0-4ab6-9e6b-976f7d690906"
  .
             license = "Elastic License v2"
             name = "Connection to Dynamic DNS Provider by an Unsigned Binary"
 9
             os_list = ["windows"]
            - version = "1.0.7"
10
       10
            + version = "1.0.8"
11
12
       12
              query = '''
13
       13
              sequence by process.entity_id with maxspan=1m
   +
              @@ -48,12 +48,14 @@ sequence by process.entity_id with maxspan=1m
48
       48
                  not dns.question.name : "checkip.dyndns.org"]
49
       49
50
       50
51
            - optional_actions = []
```

```
52
         51
               [[actions]]
  53
         52
               action = "kill_process"
               field = "process.entity_id"
  54
         53
         54
               state = 1
  55
         55
  56
         56
             + [[optional_actions]]
         57
             + action = "rollback"
         58
  57
         59
               [[threat]]
               framework = "MITRE ATT&CK"
  58
         60
               [[threat.technique]]
  59
         61
    +
 behavior/rules/command_and_control_connection_to_webservice_by_a_signed_binary_prox...
    <u>†</u>
               @@ -7,7 +7,7 @@ id = "c567240c-445b-4000-9612-b5531e21e050"
   7
          7
               license = "Elastic License v2"
   8
          8
               name = "Connection to WebService by a Signed Binary Proxy"
   9
          9
               os_list = ["windows"]
              - version = "1.0.6"
  10
             + version = "1.0.7"
         10
  11
         11
               query = '''
  12
         12
  13
         13
               sequence by process.entity_id with maxspan=5m
    +
                @@ -69,7 +69,6 @@ sequence by process.entity_id with maxspan=5m
                        "discord.com",
  69
         69
  70
         70
                        "apis.azureedge.net",
  71
         71
                        "cdn.sql.gg",
                        "api.*",
  72
         72
                        "?.top4top.io",
  73
  74
         73
                        "top4top.io",
  75
         74
                        "www.uplooder.net",
    ....
                @@ -80,17 +79,20 @@ sequence by process.entity_id with maxspan=5m
  80
         79
                        "meacz.gq",
  81
         80
                        "rwrd.org",
  82
         81
                        "*.publicvm.com",
  83
                        "*.blogspot.com"
         82
                        "*.blogspot.com",
         83
                        "api.mylnikov.org"
  84
         84
                   )
  85
         85
                 ]
                1.1.1
  86
         86
  87
         87
  88
              - optional_actions = []
               [[actions]]
  89
         88
  90
         89
               action = "kill_process"
  91
         90
               field = "process.entity_id"
  92
         91
               state = 1
  93
         92
         93 + [[optional_actions]]
             + action = "rollback"
         94
         95 +
  94
         96
               [[threat]]
  95
         97
               framework = "MITRE ATT&CK"
  96
         98
               [[threat.technique]]
     +
 behavior/rules/command_and_control_connection_to_webservice_by_an_unsigned_binary.t...
               @@ -7,15 +7,34 @@ id = "2c3efa34-fecd-4b3b-bdb6-30d547f2a1a4"
               license = "Elastic License v2"
   7
               name = "Connection to WebService by an Unsigned Binary"
          8
```

```
/* execution of an unsigned PE file followed by dns lookup to commonly abused
14
              trusted webservices */
        15
15
         - [process where event.action == "start" and user.id : "S-1-5-21-*" and
16
        16 + [process where event.action == "start" and not user.id : "S-1-5-18" and
                 not process.code_signature.trusted == true and
17
            - process.executable : ("?:\\Users\\*", "?:\\ProgramData\\*",
18
              "?:\\Windows\\Temp\\*")]
        18 + (process.Ext.relative_file_creation_time <= 300 or</pre>
              process.Ext.relative_file_name_modify_time <= 300) and</pre>
        19 + process.executable : ("?:\\Users\\*", "?:\\ProgramData\\*",
              "?:\\Windows\\Temp\\*") and
        20 + not process.args : ("--type=utility", "--squirrel-firstrun", "--utility-
              sub-type=*") and
        21 + process.executable : ("?:\\Users\\*", "?:\\ProgramData\\*",
              "?:\\Windows\\Temp\\*") and
        22 + not (process.name : "Clash for Windows.exe" and process.args : "--utility-
              sub-type=network.mojom.NetworkService") and
        23 + not (process.name : "clash-win64.exe" and process.parent.args : "--app-
              user-model-id=com.*.clashwin") and
        24 + not process.hash.sha256 :
        25 +
              ("1cef2a7e7fe2a60e7f1d603162e60969469488cae99d04d13c4450cb90934b0f",
        26 +
              "ec4d11bd8216b894cb02f4e9cc3974a87901e928b4cdd2cac6d6eb22b3fa25eb",
        27 +
              "5c3725fb6ef2e8044b6ffbaa3f62f1afa1f47dd69ab557b611af8d80362f99d3",
        28 +
              "cc73c1aecb17ad6ce7c74bd258704994e43dea732212326a5b205be65b3b4b61",
       29 +
              "e5f6f15243393cb03022a3f1d22e0175acbf54cc5386cf9820185cf43cc90342",
        30 +
              "83d17dc95a7eba329fb29899b43d4b89b1dc898774e31ba58de883ce4e44e833",
        31 +
              "f2e7ef9667f84a2b2f66e9116b06b6fbc3fd5af6695a50366e862692459b7a59",
        32 +
              "21b49f2824f1357684983cfacfc0d58a95a2b41cd7bbaff544d9de8e790be1b6",
        33 +
              "d71babf67e0e26991a34ea7d9cb78dc44dc0357bc20e4c15c61ba49cae99fcaa",
        34 +
              "074b780a2a22d3d8af78afdfa042083488447fd5e63e7fa6e9c6abb08227e81d",
              "578b95a62ecf3e1a3ea77d8329e87ba72a1b3516d0e5adb8d3f3d1eb44a7941e",
       36 +
              "a9b47f62e98f2561cf382d3d59e1d1b502b4cae96ab3e420122c3b28cc5b7da6",
       37 +
              "14a4ae91ebf302026a8ba24f4548a82c683cfb5fa4494c76e39d6d3089cdbbc1")]
                [dns where
19
        38
                  dns.question.name :
20
        39
21
        40
                  (
   +
              @@ -69,12 +88,14 @@ sequence by process.entity_id with maxspan=1m
                ]
69
        88
70
        89
71
        90
72
            - optional_actions = []
              [[actions]]
73
        91
              action = "kill_process"
74
        92
              field = "process.entity_id"
75
        93
              state = 1
76
        94
77
        95
            + [[optional_actions]]
        96
            + action = "rollback"
        97
        98
              [[threat]]
78
        99
              framework = "MITRE ATT&CK"
79
      100
              [[threat.technique]]
80
      101
   ..‡.
              @@ -99,4 +120,4 @@ name = "Command and Control"
              reference = "https://attack.mitre.org/tactics/TA0011/"
99
      120
100
      121
      122
              [internal]
101
            - min_endpoint_version = "7.15.0"
102
            + min_endpoint_version = "8.4.0"
       123
```

```
behavior/rules/command_and_control_execution_of_a_file_written_by_a_signed_binary_p... [ 나
               @@ -8,7 +8,7 @@ id = "ccbc4a79-3bae-4623-aaef-e28a96bf538b"
   8
               license = "Elastic License v2"
               name = "Execution of a File Written by a Signed Binary Proxy"
   9
          9
  10
               os_list = ["windows"]
             - version = "1.0.6"
  11
         11 + version = "1.0.7"
  12
               query = '''
         13
  13
  14
         14
               sequence with maxspan=5m
    ..‡..
               @@ -21,12 +21,14 @@ sequence with maxspan=5m
  21
         21
                  ] by process.executable
  22
         22
  23
         23
             - optional_actions = []
  24
               [[actions]]
  25
         24
               action = "kill_process"
  26
         25
  27
               field = "process.entity id"
         26
         27
               state = 1
  28
  29
         28
             + [[optional_actions]]
             + action = "rollback"
         30
         31 +
               [[threat]]
  30
         32
               framework = "MITRE ATT&CK"
  31
         33
               [[threat.technique]]
  32
         34
```

```
∨ 58 ■■■■
behavior/rules/command_and_control_ingress_tool_transfer_via_curl.toml [ \
               @@ -0,0 +1,58 @@
         1 + [rule]
          2 + description = """
          3 + Identifies downloads of remote content using Windows CURL executable. This
               tactic may be indicative of malicious
          4 + activity where malware is downloading second stage payloads using built-in
               Windows programs.
          5 + """
          6 + id = "336ada1c-69f8-46e8-bdd2-790c85429696"
             + license = "Elastic License v2"
            + name = "Ingress Tool Transfer via CURL"
             + os_list = ["windows"]
         10 + version = "1.0.3"
         11 +
         12 + query = '''
         + process where event.action == "start" and
         14 +
         15 + /* renamed curl or curl running from normal users writable fodlers are very
               noisy */
             + process.executable : ("?:\\Windows\\System32\\curl.exe",
               "?:\\Windows\\SysWOW64\\curl.exe") and
         17 +
         18 + process.args : ("-o", "--output") and
         19 +
         20 +
                   (process.parent.name : ("powershell.exe", "mshta.exe", "wscript.exe",
               "cscript.exe", "rundll32.exe", "regsvr32.exe") and
                    process.parent.args_count >= 2) or
         21 +
         22 +
         23 +
                    (process.parent.name : "cmd.exe" and process.parent.command_line :
               "*curl*") or
         24 +
                    descendant of [process where process.name : ("winword.exe", "excel.exe",
         25 +
               "powerpnt.exe")] or
         26 +
         27 +
                    process.parent.executable : ("?:\\Users\\Public\\*",
               "?:\\Users\\*\\AppData\\*", "?:\\ProgramData\\*")
         28 + ) and
         29 +
```

```
30 + /* lot of legit curl execution via custom bat scripts or interactively via
              cmd or powershell */
        31 + not (process.parent.name : "cmd.exe" and process.parent.args : "*.bat*") and
        32 + not (process.parent.name : ("cmd.exe", "powershell.exe") and
              process.parent.args_count == 1) and
        33 +
        34 + /* avoid breaking privileged install */
        35 + not user.id : "S-1-5-18"
        36 + '''
        37 +
        38 + optional_actions = []
        39 + [[actions]]
        40 + action = "kill_process"
        41 + field = "process.entity_id"
        42 + state = 0
        43 +
        44 + [[threat]]
        45 + framework = "MITRE ATT&CK"
        46 + [[threat.technique]]
        47 + id = "T1105"
        48 + name = "Ingress Tool Transfer"
        49 + reference = "https://attack.mitre.org/techniques/T1105/"
        50 +
        51 +
        52 + [threat.tactic]
        53 + id = "TA0011"
        + name = "Command and Control"
        + reference = "https://attack.mitre.org/tactics/TA0011/"
        56 +
        57 + [internal]
        58 + min_endpoint_version = "7.15.0"
 behavior/rules/command_and_control_netwire_rat_registry_modification.toml [ ...
    .
              @@ -8,7 +8,7 @@ license = "Elastic License v2"
   8
              name = "NetWire RAT Registry Modification"
   9
         9
              os_list = ["windows"]
  10
        10
              reference = ["https://attack.mitre.org/software/S0198/",
               "https://any.run/malware-trends/netwire"]
             - version = "1.0.6"
  11
        11 + version = "1.0.7"
  12
        12
              query = '''
  13
        13
  14
        14
              registry where
              @@ -17,12 +17,14 @@ registry where
  17
        17
                    "HKEY_USERS\\S-1-5-21-*\\SOFTWARE\\NetWire\\Install Date")
  18
        18
  19
        19
            - optional_actions = []
  20
        20
            [[actions]]
  21
            action = "kill_process"
  22
        21
  23
        22
            field = "process.entity_id"
  24
        23
              state = 0
        25 + [[optional_actions]]
             + action = "rollback"
        26
        27
              [[threat]]
  26
        28
               framework = "MITRE ATT&CK"
  27
        29
  28
        30
              [[threat.technique]]
    +

√ · ‡· 4 ■■■■■
@@ -8,7 +8,7 @@ license = "Elastic License v2"
    ....
              name = "Payload Downloaded by Process Running in Suspicious Directory"
   8
   9
              os_list = ["macos"]
              reference = ["https://attack.mitre.org/software/S0482/", "https://objective-
  10
        10
               see.com/blog/blog_0x69.html"]
  11
             - version = "1.0.6"
```

```
+ version = "1.0.7"
         11
  12
         12
               query = '''
         13
  13
  14
         14
               sequence by process.entity_id with maxspan=5s
    .....
               @@ -22,7 +22,7 @@ sequence by process.entity_id with maxspan=5s
  22
         22
                       )
         23
                   ] and
  23
                   process.name == "curl" and
         24
  24
                   not process.args : "https://omahaproxy.appspot.com/history"
  25
                   not process.args : ("https://omahaproxy.appspot.com/history",
         25
                "https://console.jumpcloud.com/api/systems/*", "https://zoom.us/client/*")
  26
         26
                 ]
                 [network where event.action == "connection_attempted"]
  27
         27
         28
  28
     +
 behavior/rules/command_and_control_potential_plugx_registry_modification.toml
               @@ -13,7 +13,7 @@ reference = [
  13
         13
                   "https://www.welivesecurity.com/2022/03/23/mustang-panda-hodur-old-tricks-
               new-korplug-variant/",
  14
         14
                   "https://malpedia.caad.fkie.fraunhofer.de/details/win.plugx",
  15
         15
  16
              - version = "1.0.4"
         16
             + version = "1.0.5"
  17
         17
               query = '''
  18
         18
               registry where
  19
         19
     +
```

```
behavior/rules/command_and_control_potential_wizardupdate_malware_infection.toml [ 나
               @@ -0,0 +1,40 @@
          1 + [rule]
          2 + description = """
          3 + Identifies the execution traces of the WizardUpdate malware. WizardUpdate is a
               macOS trojan that attempts to infiltrate
          4 + macOS machines to steal data and it is associated with other types of
               malicious payloads, increasing the chances of
          5 + multiple infections on a device.
          6 + """
             + id = "eb78fa0f-5e8a-4c15-a099-e904c4a226e6"
             + license = "Elastic License v2"
             + name = "Potential WizardUpdate Malware Infection"
             + os_list = ["macos"]
         10
             + reference = [
         11
         12 +
                   "https://malpedia.caad.fkie.fraunhofer.de/details/osx.xcsset",
                   "https://www.microsoft.com/security/blog/2022/02/02/the-evolution-of-a-
               mac-trojan-updateagents-progression/",
         14 + ]
         15 + version = "1.0.2"
         16 +
         17 + query = '''
         18 + process where event.action == "exec" and
         19 + (
         20 + (process.name : "sh" and process.command_line : "*=$(curl *eval*$*") or
         21 + (process.name : "curl" and process.command_line :
               "*_intermediate_agent_*machine_id*")
         22 + )
         23 + '''
         24 +
         25 + optional_actions = []
         26 + [[actions]]
         27 + action = "kill_process"
         28 + field = "process.entity_id"
         29 + state = 0
         30 +
         31 + [[threat]]
         32 + framework = "MITRE ATT&CK"
```

```
34 + [threat.tactic]
         35 + id = "TA0011"
         36 + name = "Command and Control"
         37 + reference = "https://attack.mitre.org/tactics/TA0011/"
         38 +
         39 + [internal]
         40 + min_endpoint_version = "7.15.0"
 ∨ 43 ■■■■■
behavior/rules/command_and_control_potential_xcsset_malware_infection.toml [ 나
               @@ -0,0 +1,43 @@
 . . .
        . . .
         1 + [rule]
          2 + description = """
          3 + Identifies the execution traces of the XCSSET malware. XCSSET is a macOS
               trojan that primarily spreads via Xcode
          4 + projects and maliciously modifies applications. Infected users are also
               vulnerable to having their credentials,
          5 + accounts, and other vital data stolen.
         6 + """
          7 + id = "875b71bb-ef09-46b2-9c12-a95112461e85"
          8 + license = "Elastic License v2"
         9 + name = "Potential XCSSET Malware Infection"
         10 + os_list = ["macos"]
         11 + reference = ["https://malpedia.caad.fkie.fraunhofer.de/details/osx.xcsset"]
         12 + version = "1.0.2"
         13 +
        14 + query = '''
         15 + process where event.action == "exec" and
         16 + (
         17 + (process.name : "curl" and process.parent.name : "bash" and
                process.args : ("https://*/sys/log.php", "https://*/sys/prepod.php",
         18 +
               "https://*/sys/bin/Pods")) or
         19 +
         20 + (process.name : "osacompile" and process.args : "/Users/*/Library/Group
               Containers/*" and process.parent.name : "bash") or
         21 +
         22 + (process.name: "plutil" and process.args: "LSUIElement" and process.args:
               "/Users/*/Library/Group Containers/*" and process.parent.name : "bash") or
         23 +
         24 + (process.name: "zip" and process.args: "-r" and process.args:
               "/Users/*/Library/Group Containers/*")
         25 + )
         26 + '''
         27 +
         28 + optional_actions = []
         29 + [[actions]]
         30 + action = "kill_process"
         31 + field = "process.entity_id"
         32 + state = 0
         33 +
         34 + [[threat]]
         35 + framework = "MITRE ATT&CK"
         36 +
         37 + [threat.tactic]
         38 + id = "TA0011"
         39 + name = "Command and Control"
         40 + reference = "https://attack.mitre.org/tactics/TA0011/"
         41 +
         42 + [internal]
         43 + min_endpoint_version = "7.15.0"
```

```
behavior/rules/command_and_control_remcos_rat_registry_or_file_modification.toml [ \
    .
               @@ -8,7 +8,7 @@ license = "Elastic License v2"
             name = "Remcos RAT Registry or File Modification"
   8
          8
   9
               os_list = ["windows"]
               reference = ["https://attack.mitre.org/software/S0332/",
  10
                "https://any.run/malware-trends/remcos"]
  11
              - version = "1.0.6"
             + version = "1.0.7"
         11
  12
         12
```

```
query = '''
13
       13
14
       14
             any where event.category : ("registry", "file") and
  .‡.
             @@ -21,12 +21,14 @@ any where event.category : ("registry", "file") and
21
       21
       22
22
23
       23
           - optional_actions = []
24
             [[actions]]
25
       24
             action = "kill_process"
       25
26
             field = "process.entity_id"
27
       26
28
             state = 0
       27
29
       28
           + [[optional_actions]]
       29
           + action = "rollback"
       30
       31 +
             [[threat]]
       32
30
             framework = "MITRE ATT&CK"
       33
31
             [[threat.technique]]
32
  +
```



0 comments on commit 7460867

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