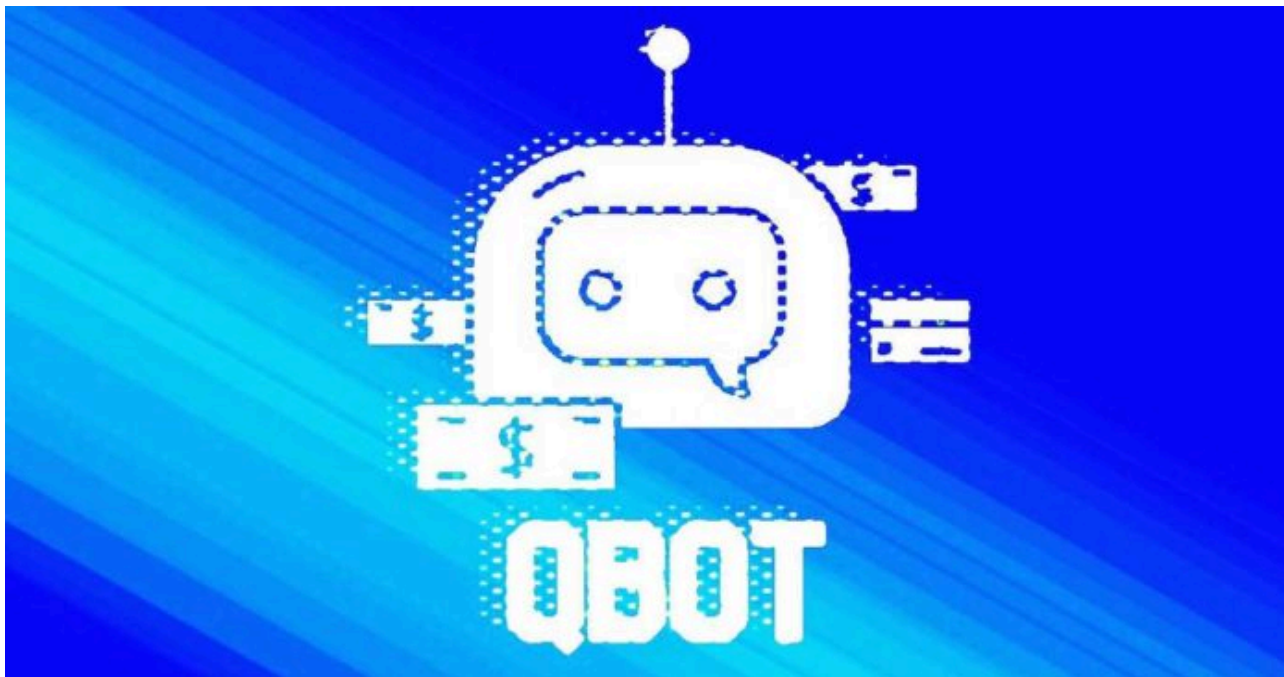


QBot Spreads via LNK Files – Detection & Response - Security Investigation

By Priyadharshini Balaji

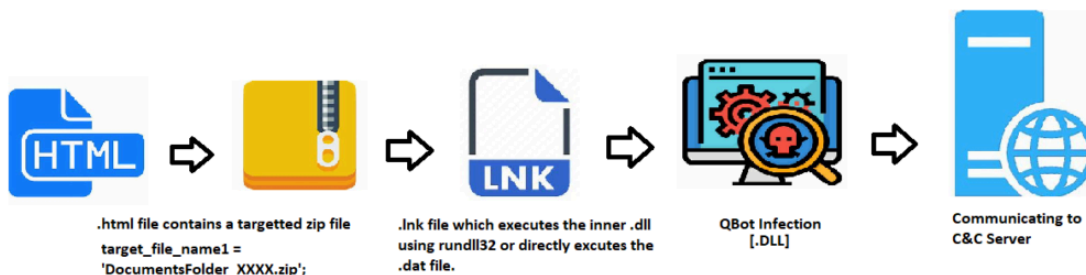
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QakBot, also known as QBot, QuackBot, or Pinkslipbot, is a banking trojan malware that has existed for over a decade. In recent years, QakBot has become one of the leading banking trojans around the globe. Its main purpose is to steal banking credentials (e.g., logins, passwords, etc.)

Most of the QBot infections are done by the initial vectors of [XLS documents](#). Now, they started using the .lnk files to infect their targeted machines. As usual, this can be done by using spam campaigns or malicious URLs to deliver LNK files to their targets.

QBot LNK Infection Chain:



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Detection & Response:

Qradar:

```
SELECT UTF8(payload) from events where LOGSOURCETYPENAME(devicetype)='Microsoft Windows Security Event Log' and
```

Splunk:

```
((ParentImage="*\cmd.exe") AND CommandLine="*http://*" AND CommandLine="*ping15.org*" AND CommandLine="*..\\"
```

Elastic Query:

```
(process.parent.executable:*\cmd.exe AND process.command_line:*http:\\\\/* AND process.command_line:*ping15.o
```

Arcsight:

```
(sourceProcessName CONTAINS " *\cmd.exe" AND ((deviceCustomString1 CONTAINS "*http://*" OR destinationServiceN
```

CarbonBlack:

```
(parent_name:*\cmd.exe AND process_cmdline:*http:\\\\/* AND process_cmdline:*ping15.org* AND process_cmdline:*
```

Crowdstrike:

```
((ParentBaseFileName="*\cmd.exe") AND (CommandLine="*http://*" OR CommandHistory="*http://*") AND (CommandLine
```

FireEye:

```
(metaclass:\windows\ pprocess:*\cmd.exe\ args:http://\ args:ping15.org\ args:..\ \ args:curl.exe\ args:rc
```

GrayLog:

```
(ParentImage.keyword:*\cmd.exe AND CommandLine.keyword:*http:\\\\/* AND CommandLine.keyword:*ping15.org* AND (
```

Google Chronicle:

```
principal.process.file.full_path = /**\cmd.exe$/ and target.process.command_line = /*http:\\\\.*$/ and target
```

Logpoint:

```
(ParentImage IN "*\\cmd.exe" CommandLine="*http://*" CommandLine="*ping15.org*" CommandLine="*..\\" CommandLi
```

Microsoft Defender:

```
DeviceProcessEvents | where ((InitiatingProcessFolderPath endswith @"\cmd.exe") and ProcessCommandLine contains
```

Microsoft Sentinel:

```
SecurityEvent | where EventID == 4688 | where ((ParentProcessName endswith @"\cmd.exe') and CommandLine conta
```

RSA Netwitness:

```
((ParentImage contains '\cmd.exe') && (CommandLine contains 'http://') && (CommandLine contains 'ping15.org'))
```

SumoLogic:

```
(_sourceCategory=*windows* AND (ParentImage = "\\cmd.exe") AND CommandLine="*http://*" AND CommandLine="*ping15.o
```

Aws Opensearch:

```
(process.parent.executable:*\\cmd.exe AND process.command_line:*http:\\\\/* AND process.command_line:*ping15.o
```

Source: <https://www.socinvestigation.com/qbot-spreads-via-lnk-files-detection-response/>