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<?xml version="1.0" encoding="utf-8" ?>
<!-- Generated by MPE 0.6.1 on 08/26/2023 -->
<stix:STIX_Package
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MarkingStructure#Terms_Of_Use-1"
    xmlns:tlpMarking="http://data-marking.mitre.org/extensions/
MarkingStructure#TLP-1"
    xmlns:stixVocabs="http://stix.mitre.org/
default_vocabularies-1"
    xmlns:AddressObj="http://cybox.mitre.org/
objects#AddressObject-2"
    xmlns:marking="http://data-marking.mitre.org/Marking-1"
    xmlns:indicator="http://stix.mitre.org/Indicator-2"
    xmlns:cyboxCommon="http://cybox.mitre.org/common-2"
    xmlns:stixCommon="http://stix.mitre.org/common-1"
    xmlns:cybox="http://cybox.mitre.org/cybox-2"
    xmlns:stix="http://stix.mitre.org/stix-1"
    xmlns:ttp="http://stix.mitre.org/TTP-1"
    xmlns:CISA="http://www.cisa.gov/nccic"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://data-marking.mitre.org/
extensions/MarkingStructure#Terms_Of_Use-1 http://stix.mitre.org/
XMLSchema/extensions/marketing/terms_of_use/1.1/
terms_of_use_marking.xsd
    http://data-marking.mitre.org/extensions/
MarkingStructure#TLP-1 http://stix.mitre.org/XMLSchema/extensions/
marketing/tlp/1.2/tlp_marking.xsd
    http://stix.mitre.org/default_vocabularies-1 http://
stix.mitre.org/XMLSchema/default_vocabularies/1.2.0/
stix_default_vocabularies.xsd
    http://cybox.mitre.org/objects#AddressObject-2 http://
cybox.mitre.org/XMLSchema/objects/Address/2.1/Address_Object.xsd
    http://data-marking.mitre.org/Marking-1 http://
stix.mitre.org/XMLSchema/data_marking/1.2/data_marking.xsd
    http://stix.mitre.org/Indicator-2 http://stix.mitre.org/
XMLSchema/indicator/2.2/indicator.xsd
    http://cybox.mitre.org/common-2 http://cybox.mitre.org/
XMLSchema/common/2.1/cybox_common.xsd
    http://stix.mitre.org/common-1 http://stix.mitre.org/
XMLSchema/common/1.2/stix_common.xsd
    http://cybox.mitre.org/cybox-2 http://cybox.mitre.org/
XMLSchema/core/2.1/cybox_core.xsd
    http://stix.mitre.org/stix-1 http://stix.mitre.org/
XMLSchema/core/1.2/stix_core.xsd
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ttp/1.2/ttp.xsd" id="NPG-16131440" version="1.1.1"
timestamp="2023-08-26T15:47:52">
    <stix:STIX_Header>
        <stix:Title>AA23-242A Identification and Disruption of
Qakbot Infrastructure</stix:Title>

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    <stix:Package_Intent
xsi:type="stixVocabs:PackageIntentVocab-1.0">Indicators</
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    <stix:Description>The Cybersecurity and Infrastructure
Security Agency (CISA) and Federal Bureau of Investigation (FBI) are
releasing this joint Cybersecurity Advisory (CSA) to disseminate
QakBot infrastructure indicators of compromise (IOCs) identified
through FBI investigations as of August 2023. On August 25, FBI and
international partners executed a coordination operation to disrupt
QakBot infrastructure worldwide. Disruption operations targeting
QakBot infrastructure resulted in the botnet takeover, which severed
the connection between victim computers and QakBot command and
control (C2) servers.

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QakBot—also known as Qbot, Quackbot, Pinkslipbot, and TA570—is responsible for thousands of malware infections globally. QakBot has been the precursor to a significant amount of computer intrusions, to include ransomware and the compromise of user accounts within the Financial Sector. In existence since at least 2008, QakBot feeds into the global cybercriminal supply chain and has deep-rooted connections to the criminal ecosystem. QakBot was originally used as a banking trojan to steal banking credentials for account compromise; in most cases, it was delivered via phishing campaigns containing malicious attachments or links to download the malware, which would reside in memory once on the victim network. QakBot has since grown to deploy multiple types of malware, trojans, and highly-destructive ransomware variants.</stix:Description>

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is provided "as is" for informational purposes only. The Department
of Homeland Security (DHS) does not provide any warranties of any
kind regarding any information contained within. The DHS does not
endorse any commercial product or service, referenced in this
bulletin or otherwise. This document is distributed as TLP:WHITE:
Disclosure is not limited. For more information on the Traffic Light
Protocol, see https://www.cisa.gov/news-events/news/traffic-light-
protocol-tlp-definitions-and-usage.</TOUMarking:Terms_Of_Use>
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>
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            </stix:Indicator>
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ba9e-667436352b95" timestamp="2023-08-26T15:47:52.113591+00:00"
xsi:type='indicator:IndicatorType'>
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xsi:type="stixVocabs:IndicatorTypeVocab-1.1">IP Watchlist</

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        <cybox:Object id="CISA:Object-568ea52b-02d5-4b8c-
a4fe-470732c3850f">
            <cybox:Properties
xsi:type="AddressObj:AddressObjectType" category="ipv4-addr"
is_spoofed="false">
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condition="Equals">85.14.243.111</AddressObj:Address_Value>
            </cybox:Properties>
        </cybox:Object>
    </indicator:Observable>
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        <indicator:Sighting timestamp="2023-08-25T00:00:00"/
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        </indicator:Sightings>
    </stix:Indicator>
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timestamp="2023-08-26T15:47:52.113999+00:00"
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is_spoofed="false">
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            </cybox:Object>
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            <indicator:Sighting timestamp="2023-08-25T00:00:00"/
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            </indicator:Sightings>
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is_spoofed="false">
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condition="Equals">94.103.85.86</AddressObj:Address_Value>
            </cybox:Properties>
        </cybox:Object>
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    </stix:Indicator>
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indicator:Title>
        <indicator:Type
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indicator:Type>
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a685-46fd-8dea-b9ab7a50adcd">
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xsi:type="AddressObj:AddressObjectType" category="ipv4-addr"
is_spoofed="false">
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timestamp="2023-08-26T15:47:52.115163+00:00"
xsi:type='indicator:IndicatorType'>
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            <indicator:Type
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indicator:Type>
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timestamp="2023-08-26T15:47:52.094726+00:00" xsi:type='ttp:TTPType'>
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                <ttp:Attack_Pattern>
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Spearphishing Attachment [T1566.001]</ttp:Title>
                </ttp:Attack_Pattern>
            </ttp:Attack_Patterns>
        </ttp:Behavior>
    </stix:TTP>
    <stix:TTP id="CISA:ttp-3a33ceb0-d920-43a8-a476-30475f606303"
timestamp="2023-08-26T15:47:52.096223+00:00" xsi:type='ttp:TTPType'>
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            <ttp:Attack_Patterns>
                <ttp:Attack_Pattern>
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from Password Stores: Password Managers [T1555.005]</ttp:Title>
                </ttp:Attack_Pattern>
            </ttp:Attack_Patterns>
        </ttp:Behavior>
    </stix:TTP>
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timestamp="2023-08-26T15:47:52.096362+00:00" xsi:type='ttp:TTPType'>
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                <ttp:Attack_Pattern>
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Impact [T1486]</ttp:Title>
                </ttp:Attack_Pattern>
            </ttp:Attack_Patterns>
        </ttp:Behavior>
    </stix:TTP>
<stix:Kill_Chains>
    <stixCommon:Kill_Chain reference="http://
www.lockheedmartin.com/content/dam/lockheed/data/corporate/
documents/LM-White-Paper-Intel-Driven-Defense.pdf"
number_of_phases="7" id="stix:KillChain-
af3e707f-2fb9-49e5-8c37-14026ca0a5ff" definer="LMC0" name="LM Cyber

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Kill Chain">

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      <stixCommon:Kill_Chain_Phase ordinality="1"
name="Reconnaissance" phase_id="stix:KillChainPhase-af1016d6-
a744-4ed7-ac91-00fe2272185a"/>
      <stixCommon:Kill_Chain_Phase ordinality="2"
name="Weaponization"
phase_id="stix:KillChainPhase-445b4827-3cca-42bd-8421-f2e947133c16"/
>
      <stixCommon:Kill_Chain_Phase ordinality="3"
name="Delivery" phase_id="stix:KillChainPhase-79a0e041-9d5f-49bb-
ada4-8322622b162d"/>
      <stixCommon:Kill_Chain_Phase ordinality="4"
name="Exploitation" phase_id="stix:KillChainPhase-
f706e4e7-53d8-44ef-967f-81535c9db7d0"/>
      <stixCommon:Kill_Chain_Phase ordinality="5"
name="Installation" phase_id="stix:KillChainPhase-e1e4e3f7-
be3b-4b39-b80a-a593cfd99a4f"/>
      <stixCommon:Kill_Chain_Phase ordinality="6"
name="Command and Control" phase_id="stix:KillChainPhase-
d6dc32b9-2538-4951-8733-3cb9ef1daae2"/>
      <stixCommon:Kill_Chain_Phase ordinality="7"
name="Actions on Objectives"
phase_id="stix:KillChainPhase-786ca8f9-2d9a-4213-b38e-399af4a2e5d6"/
>
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</stixCommon:Kill_Chain>

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      <stixCommon:Kill_Chain reference="https://
attack.mitre.org/tactics/enterprise/" number_of_phases="12"
id="CISA:KillChain-968782b1-64f0-4eab-8f85-ddf63cf0afbe"
definer="MITRE" name="ATT&CK Tactics">
      <stixCommon:Kill_Chain_Phase ordinality="1"
name="Initial Access" phase_id="CISA:KillChainPhase-
d7dcc502-4084-4f94-bbbf-082628eeab1f"/>
      <stixCommon:Kill_Chain_Phase ordinality="2"
name="Execution" phase_id="CISA:KillChainPhase-09de39a7-
fd05-4650-9216-4676008644b9"/>
      <stixCommon:Kill_Chain_Phase ordinality="3"
name="Persistence" phase_id="CISA:KillChainPhase-ae90bca2-
ef95-4007-8518-bcbdf9aca8f"/>
      <stixCommon:Kill_Chain_Phase ordinality="4"
name="Privilege Escalation" phase_id="CISA:KillChainPhase-
c2044d94-6fcb-40a8-bc93-31e9a64b3b31"/>
      <stixCommon:Kill_Chain_Phase ordinality="5"
name="Defense Evasion" phase_id="CISA:KillChainPhase-26903764-
b2d4-4e67-94b7-85bd4702cc4a"/>
      <stixCommon:Kill_Chain_Phase ordinality="6"
name="Credential Access" phase_id="CISA:KillChainPhase-
fd05b7de-702b-494b-93f1-4317ee4f8a3e"/>
      <stixCommon:Kill_Chain_Phase ordinality="7"
name="Discovery" phase_id="CISA:KillChainPhase-
fbd6dd2f-5c07-4089-908d-3931eb27dfed"/>
      <stixCommon:Kill_Chain_Phase ordinality="8"
name="Lateral Movement" phase_id="CISA:KillChainPhase-
c90a5d62-9f66-4a41-aded-ffa6cb2d2f94"/>
      <stixCommon:Kill_Chain_Phase ordinality="9"
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name="Collection" phase_id="CISA:KillChainPhase-b9ee5299-93a2-4580-
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name="Command and Control"
phase_id="CISA:KillChainPhase-5740037d-87bd-4825-a174-722f4db359bc"/
>
    <stixCommon:Kill_Chain_Phase ordinality="11"
name="Exfiltration"
phase_id="CISA:KillChainPhase-0db0901a-007c-452f-833a-b73e772b0dd0"/
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    <stixCommon:Kill_Chain_Phase ordinality="12"
name="Impact" phase_id="CISA:KillChainPhase-d3aaef09-1a3a-4b12-8edc-
fc4a68d7e3e7"/>
    </stixCommon:Kill_Chain>
  </stix:Kill_Chains>
</stix:TTPs>
</stix:STIX_Package>
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