Piercing the Cow's Tongue: China

Executive Summary: The term "Cow's Tongue" is a reference to the Chinese recognized nine-dashed line which demarks a highly contested region also

Targeting South China Seas Nations IN STAR WARS, THREAT RESEARCH | BY THREATCONNECT RESEARCH TEAM

known as the South China Sea (SCS), Between July 2013 and May 2014, the ThreatConnect Research Team identified and shared multiple instances of Chinese Advanced Persistent Threats (APT), targeting numerous Southeast Asian entities, with our ThreatConnect community members. The perpetrators of these attacks utilized malicious attachments containing subject matter associated with many Southeast Asian related topics such as military doctrine and maritime operations. These efforts are likely

 $the \ direct \ operational \ result \ of \ the \ People's \ Republic \ of \ China \ (PRC) \ government's \ interest \ in \ gaining \ intelligence \ connected \ to$ the deep-rooted, multi-national disputes that are ongoing in the South China Sea (SCS) region. A sampling of the many weaponized documents reveals sensitive classification markings and candid insights within certain decoys, suggesting that these $documents\ had\ been\ previously\ obtained\ by\ Chinese\ cyber\ operations\ against\ commercial,\ diplomatic,\ and\ military\ targets$ associated with the region and then used as bait for further targeting. Significant real world events such as clashes between China and other nations within the SCS, noteworthy popular public demonstrations against regional Chinese aggression, U.S. diplomatic shows of support to opposition of China's growing assertiveness, attempts by Southeast Asian nations attempts to draw outside influence to counter Chinese pressure in maritime $territorial\ disputes, and\ Chinese\ military\ \textbf{posturing}\ in\ the\ East\ China\ Sea, will\ serve\ as\ a\ catalyst\ for\ Chinese\ cyber\ espionage,\ of\ constraints and\ co$ which will likely continue against Southeast Asian and western military and diplomatic targets in addition to any commercial

entities that maintain economic interests within the region. As newsworthy events within the SCS have unfolded, ThreatConnect Research has consistently aggregated and analyzed details $of targeted\ attacks\ using\ related\ bait\ documents\ directed\ against\ SCS\ nations.\ Threat\ Connect\ Research\ has\ shared\ this\ threat\ descriptions$ $intelligence\ with\ Threat Connect\ Communities, allowing\ members\ to\ quickly\ collaborate\ and\ act\ on\ this\ information.$ Organizations that maintain equities within the region are encouraged to develop or leverage threat intelligence within ThreatConnect to monitor the threats that are actively using cyber espionage to influence their strategic interests. **ASEAN Talking Points Exploitation:** Technical Analysis:

In late August 2013, ThreatConnect Research identified a weaponized CVE-2012-0158 Microsoft Word document exploit that was likely originally authored by Hoang Thi Ha, an Association of Southeast Asian Nations (ASEAN) Senior Officer. ASEAN is a Indonesia, Malaysia, the Philippines, Singapore and Thailand. Since then, membership has expanded to include Brunei, Burman Control of the Philippines of the Phili(Myanmar), Cambodia, Laos, and Vietnam. Its goals include accelerating economic growth, social progress, and cultural development among its members as well as the protection of regional peace and stability and opportunities for member countries The document was related to an early stage, internal talking points memo that was prepared for the Special ASEAN-China Foreign and the special ASEAN-China Foreign (a) and the special ASEAN-China Foreign (b) and the special ASEAN-China Foreign (c) and the special ASEAN-China Foreign (Ministers' Meeting held in Beijing, China from 28 - 30 August 2013. This malicious document, "Talking Points on SCS (26 August

2013).doc" (MD5: 38391CF0A667979FC69F732DBF610AFA) was engineered to drop a "Najkon" APT implant variant (MD5:

69C173C122B0A653CCFD74F2BC953C64) that calls out to the malicious command and control (C2) domain

the draft document, exfiltrated the legitimate document, we aponized it with an exploit and payload implant, then finally the draft document, exfiltrated the legitimate document, we aponized it with an exploit and payload implant, then finally the draft document, exfiltrated the legitimate document, we aponized it with an exploit and payload implant, then finally the draft document, exfiltrated the legitimate document, we aponized it with an exploit and payload implant, then finally the draft document, exfiltrated the legitimate document, we aponized it with an exploit and payload implant, then finally the draft document is a simple of the draft document in the draft document is a simple of the draft document in thconducted secondary targeting operations, all within the 48-hour window leading up to the meeting on 28 August.

free.googlenow[.]in. According to document properties, the talking points document was created on the 26th of August, meaning the attackers likely maintained persistent access to the ASEAN networks prior to that date, then accessed a computer or storage medium that housed

SUGGESTED TALKING POINTS single issue. However, the maturity and success of our relationship would also be manifested in our ability to address issues of common concern which have

important impact on regional peace, stability and security, including the South . ASEAN and China need to sustain the current momentum of dialogue, South China Sea. In this regard, ASEAN and China need to imp Declaration on the Conduct of Parties in the South China Sea (DOC) in a full and effective manner. This requires not only the undertaking of cooperative projects but also the faithful adherence to the principles and the observance of the norms of conduct as enshrined in the DOC, including the exercise of self-restraint, nonuse of force, peaceful settlement of disputes in accordance with international law, ted Conventions on the Law of the Sea 1982 (UNCLOS).

. Since a code of conduct in the South China Sea (COC) is provided for as an indispensable part of the DOC, the full and effective implementation of the DOC should involve efforts towards the early conclusion of a COC. The continuous implementation of the DOC and the development of a COC therefore should be two parallel processes that proceed in synergy and tandem. In this regard, it is encouraging to note that the upcoming 6th ASEAN-China SOM on the

ementation of the DOC from 14-15 September 2013 in Suzhou, China, wo have official consultations on the COC. It is important that ASEAN and China During this meeting, it was agreed that discussions on the development of the Code of Conduct of Parties in the South China Sea (CoC), which aims to be a rule-based framework in managing the conduct of parties in the SCS, would commence in September 2013. This would coincide with the 6th ASEAN-China Senior Officials' Meeting on the Declaration on the Conduct of Parties in Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties and Parties are also as the Conduct of Parties are also as the Conduct ofthe South China Sea (6th ASEAN-China SOM on DOC). Infrastructure Analysis: ThreatConnect Research analysts were able to export historic resolutions by pivoting on the malicious domain of interest and filtering on DNS resolutions as a relation type. In the following example, ThreatConnect Research simply applied a frequency $analysis of the \ malicious free.googlenow [.] in \ resolutions \ to \ city \ and \ country. From \ August \ 2013 \ to \ May \ 2014, Threat Connect$ $Research \ analysts \ identified \ numerous \ resolutions \ to \ IP \ addresses \ hosted \ in \ Kunming, China \ and \ Hong \ Kong, followed \ by \ cities$ within the US and then Australia. The attackers utilized this dynamic infrastructure as a means of "digital mobility" to circumvent network defenses and frustrate the analytic and investigative processes FREE.GOOGLENOW.IN UNIQUE IP RESOLUTIONS Mapping adversary infrastructure iteratively within ThreatConnect allows netDefense personnel to map and model the infrastructure in which the adversary is likely to use over time. Organizations are then better enabled to develop policies and $access \, controls, not \, only \, around \, infrastructure \, such \, as \, domains \, or \, IP \, addresses, \, but \, also \, attributes \, associated \, with \, that \, in the control of the contro$ infrastructure such as Country, Service provider or Autonomous Service Number. ThreatConnect domain tracking coupled with Farsight Passive DNS Database (DNSDB) integration allows analysts to not only track adversary infrastructure in real time

OVERVIEW ACTIVITY DNS WHOIS ASSOCIATIONS SHARING

(1 of 6) Passive DNS $The \ mallicious \ domain \ googlenow \hbox{\it [.]} in \ is \ registered \ by \ the \ email \ address \ ivy fatima. ferrer @yahoo.com. \ Threat Connect \ address \ ivy fatima. The \ formula \ of \ formula \ fo$ $Research\ analysts\ established\ a\ Threat Connect\ Track, using\ integrated\ Reverse\ Who is\ and\ Registrant\ Alerts\ data$ services from DomainTools, around unique adversary selectors, allowing analysts to identify other malicious domains that may have been registered in the past, as well as enable system alerting of any domains that may be registered in the future. THREATCONNEC DASHBOARD BROWSE ANALYZE + ≡ free.googlenow.in DELETE SEW PIVOT OVERVIEW ACTIVITY DNS WHOIS ASSOCIATIONS SHARING Related Hosts

In this case, the email registrant ivyfatima.ferrer@vahoo.com was used to register other associated malicious Naikon APT $domains \ such \ as\ googledoc \hbox{\it [.]} in \ and\ googleoffice \hbox{\it [.]} in. \ These\ respective\ domains\ had\ several\ associated\ sub-domains\ that\ all\ had\ several\ several\$

CLOSE

PARTICIPANT LIST - GOVERNMENT and CIVIL SOCIETY

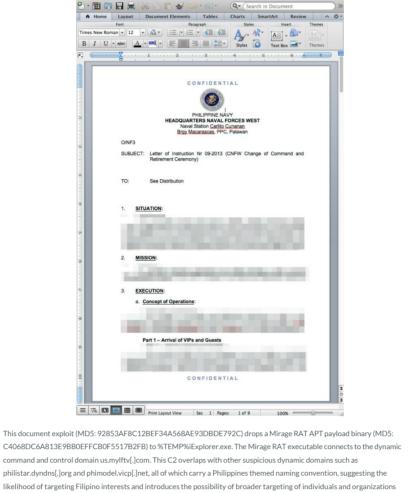
accounts may also increase the surface area in which persistent adversaries may target a given user. If compromised, an unwitting $user\ may\ introduce\ costly\ security\ risks\ from\ their\ personal\ accounts, personal\ computing\ platforms\ or\ personal\ mobile\ devices$

Additionally, users who work for organizations that are often targeted, such as ASEAN, should also avoid providing such a specific property of the providing such as a specific provide such as a specific providing such as a specific providing suchemail to individuals or organizations that are to likely publish attendance rosters that are publicly available. Such rosters serve as

ThreatConnect Research has identified significant targeting of Filipino military and diplomatic entities by China based threat groups. One such incident contains indicators associated with a targeted CVE-2012-0158 exploit that carries a decoy document classified "CONFIDENTIAL", which was a Letter of Instruction referencing a change of command for Philippines Commander

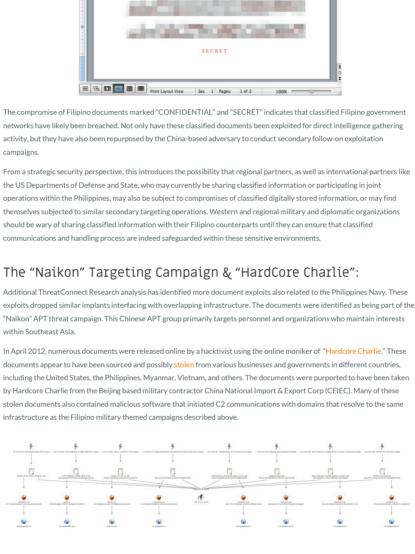
excellent targeting lists for attackers to use within spearphishing operations.

Classified Filipino Document Exploitation:



In September 2013, ThreatConnect Research identified a document that dropped malicious software and a decoy associated with Classified Filipino counter terrorism operations labeled as "SECRET". The decoy contained a tactical terrorism threat briefing report from early September 2013. This document (MD5: 1F0889AC3A7A8872262C04187E7B9849) leveraged CVE-2012-0158 and dropped an implant with an MD5 hash of 7FDCB9B679DE04B8C68C504E3FFCCC89 that initiated C2 communication with

the dynamic domain ebookedit.ticp[.]net.



Although we mention a number of examples where Filipino entities have been targeted, Threat Connect Research has also a context of the contconsistently observed Vietnamese entities being targeted. This includes individuals and organizations associated with $Vietnamese\ energy\ development\ and\ natural\ resources.\ A\ key\ observation\ across\ several\ of\ the\ campaigns\ is\ the\ naming\ across\ several\ of\ the\ naming\ across\ naming\ naming\$ conventions used by the perpetrators and demonstrate a likely interest in several Vietnamese organizations.

ThreatConnect Research has been tracking the domain "monre.scvhosts[.]com" since December 2012 after enriching infrastructure initially reported within Artem Baranov's analysis of the Chinese backdoor Zegost. The scyhost[.]com domain was registered by the malicious registrant Ilssddzz@gmail.com that was also identified as being responsible for registering other malicious~C2~domains.~This~sub-domain~has~likely~been~used~within~targeting~campaigns~against~those~associated~with~the~assoVietnamese Ministry of Natural Resources (MONRE). The MONRE is a Government ministry in Vietnam which responsible for managing natural resources such as land, water, minerals, geology, environmental protection, waste management, $hydrometeorology, climate\ change, surveying\ and\ mapping, and\ management\ of\ costal\ zones\ and\ islands.$

Over the tries of the tries of

MONRE.scvhosts.com and Vietnamese Ministry of Natural Resources

Vietnamese Exploitation:

1800-1166 PVEP.scvhosts.com and PetroVietnam ThreatConnect Research has been tracking the domain "pyep.scyhosts[.]com" since December 2012, which was also identified as

an infrastructure enrichment based on the Zegost backdoor analysis. This sub-domain has likely been used within targeting which is wholly owned by the Vietnamese central government. It is responsible for all oil and gas resources within the country and

Remote Chinese access to the largest Oil & Gas producer within Vietnam would allow Beijing to gain candid insights to strategic $business\ transactions\ such\ as\ PVEP\ {\it licensing\ rounds}, contract\ negotiations, energy\ exploration, and\ ongoing\ oil field\ development of the property of the prop$ $operations. While the PVEP enterprise \ may have served \ as \ an initial \ target, over time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ shift \ as \ targets \ of \ an initial \ target, over \ time \ attacker \ motivations \ over \ time \ attacker \ motivations \ over \ time \ attacker \ over \ ove$ opportunity present themselves. For example, the Lan Do and Lan Tay gas fields and subsea pipelines are jointly owned by $organizations \, such \, as \, British \, Petroleum \, and \, ConocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, an extension of a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, an extension of a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, an extension of a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, supported \, by \, sub-contractors, \, all \, of \, whom \, are \, affiliated \, with \, a conocoPhillips \, and \, b conocoPhillips \, an$ $majority\ held\ PVEP\ projects.\ Together, these\ organizations\ could\ easily\ fall\ victim\ to\ a\ single\ threat\ from\ one\ organizational\ point$

of entry due to the interwoven and integrated nature of the oil and gas industry's business operations.

"www.ttxvn[.]net since December 2013.

TTXVN.gnway.net, TTXVN.net and Thong Tan Xa Viet Nam (Vietnam News Agency) ThreatConnect Research has been tracking the malicious C2 domains "ttxvn.gnway[.]net" since February 2014 and

These sub-domains have likely been used within targeting campaigns against individuals and organizations associated with $Thong \, Tan \, Xa \, Vietnam \, (\textcolor{red}{TTXVN}), an \, of ficial \, Vietnamese \, Government \, Agency \, and \, the \, of ficial \, news \, provider. \, As \, the \, central \, news \, provider \, and \, be \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, central \, news \, provider \, and \, controlled a \, the \, controlled$

Chinese cyber espionage directed against major global media outlets is a consistent pattern that was first publicly highlighted in $2013\,when\, \textcolor{red}{media}\, organizations\, such\, as\, the\, \textcolor{red}{New\, York\, Times}, \textcolor{red}{Wall\, Street\, Journal}, \textcolor{blue}{Dow\, Jones\, and\, \textcolor{red}{Washington\, Post}\, announced}$ $that they all were \ victim \ to \ Chinese \ cyber \ espionage. \ Remote \ access \ to \ individual \ journalists, \ as \ well \ as \ larger \ media$ organizations, allow attackers to obtain candid insights to sensitive information such as journalists' sources or the production

schedules of news stories that may be perceived as negative or derogatory to China.

ThreatConnect & Recorded Future Joint Collaboration:

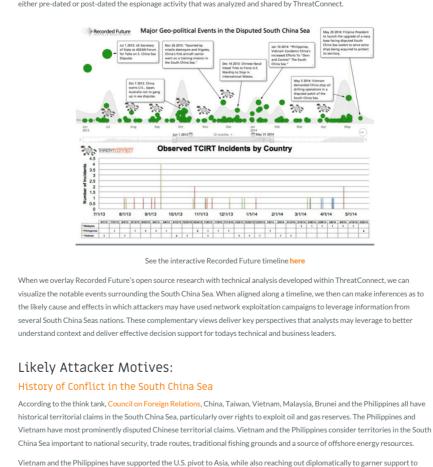
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agency for the country, the Vietnam News Agency (VNA) is responsible for collecting and distributing news.

Năng lượng

\$100.26 ¥-0.51-0.519

has become Vietnam's largest oil producer and second-largest power producer.



counter China's growing aggression in the SCS. The Philippines have been utilizing assistance from Japan and the U.S. to augment its defense and maritime law enforcement capabilities while Vietnam looks to India and Russia to counter China in the region.

In early 2014, the Philippines went to the United Nations to arbitrate their dispute over China's nine-dashed line, which has been widely considered a weak basis for extensive Chinese claims in the SCS. This increased tensions with China, who has been

According to the U.S. Energy Information Administration (EIA), "Asia's robust economic growth boosts demand for energy in the region projects total liquid fuels consumption in Asian countries outside the Organization for Economic Cooperation and Development (OECD) to rise at an annual growth rate of 2.6 percent, growing from around 20 percent of world consumption in $2008\,to\,over\,30\,percent\,of\,world\,consumption\,by\,2035.\,EIA\,expects\,China\,to\,account\,for\,43\,percent\,of\,that\,growth.\,With\,All and All a$ Southeast Asian domestic oil production projected to stay flat or decline as consumption rises, the region's countries will look to new sources of energy to meet domestic demand. China in particular promotes the use of natural gas as a preferred energy source and set an ambitious target of increasing the share of natural gas in its energy mix from 3 percent to 10 percent by 2020. The South China Sea offers the potential for significant natural gas discoveries, creating an incentive to secure larger parts of the area for

On 23 November 2013, the New York Times reported that "the Chinese government claimed the right to identify, monitor and

 $the \ coast\ of\ Vietnam\ in\ an\ area\ that\ Vietnam\ claims\ is\ within\ its\ exclusive\ economic\ zone,\ Vietnam\ ese\ officials\ revealed\ a\ video\ of\ vietnam\ ese\ officials\ revealed\ a\ video\ of\ vietnam\ ese\ ese\ of\ vietnam\ ese\ of\ vietnam\ ese\ ese\ of\ vietnam\ e$ Chinese vessels using water cannons and ramming Vietnamese fishing ships. This came just a day after Philippines authorities $seized\ a\ Chinese\ fishing\ boat,\ eventually\ charging\ its\ crew\ for\ poaching\ endangered\ sea\ turtles\ near\ the\ Parcel\ Islands.\ This\ recent$ $clash\ has\ caused\ regional\ uncertainty\ and\ instability,\ both\ of\ which\ have\ negatively\ impacted\ the\ Vietnamese\ stock\ market\ with\ a$

Regional entities are not the only ones to fall victim to increased Chinese aggression within the SCS. In December 2013, China

 $communications, including \ classified \ material, when \ engaging \ in \ information \ exchanges \ with \ their \ Filipino \ counterparts. \ Filipino \ exchanges \ with \ their \ Filipino \ exchanges \ with \ their \ Filipino \ exchanges \ with \ their \ Filipino \ exchanges \ e$ $entities \, responsible \, for \, safeguarding \, classified \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, that \, there \, are \, information \, should \, review \, their \, classified \, networks \, and \, validate \, classified$ indeed no network breaches or cross-domain violations. International partners, for example USPACOM or USSOCOM, who may $be \ actively \ sharing \ classified \ data \ with \ the \ Philippines \ during \ training \ exercises \ or \ while \ conducting \ joint \ counter-terrorism$ operations, may want to consider using alternate communication mediums until classified networks and systems can be secured. As individual SCS nations seek to address China's growing assertiveness they should be mindful that Chinese cyber espionage remains the primary "low risk, high payoff" tactic of choice for the Chinese. While nations like the Philippines have been the most outspoken against Chinese aggression, SCS nations such as Vietnam are now experiencing the effects of Beijing's self interest. The intent is clear, not only will China continue to test physical boundaries but will do so by aggressively seeking to position

 $Although we stern commercial interests \, may \, be \, geographically \, insulated \, from \, the \, SCS, \, they \, are \, not \, immune \, to \, regional \, cybern \, commercial \, interests \, may \, be \, geographically \, insulated \, from \, the \, SCS, \, they \, are \, not \, immune \, to \, regional \, cybern \, cybern$ espionage. Industries such as energy, mining, and transportation may find themselves directly or indirectly impacted as regional tensions ebb and flow. It is important for those within these sectors to actively invest in threat intelligence processes as a

themselves deep within the digital infrastructure and key centers of gravity of SCS nations.

and islands also claimed by Japan and threatens to escalate an already tense dispute over some of the maritime territory." Following that the New York Times reported that "two long-range American bombers flew through contested airspace over the East China Sea, days after the Chinese announced they were claiming the right to police the sky above a vast area that includes islands at the center of a simmering dispute with Japan." DoD officials claimed this was a training exercise scheduled long in advanced of China's newly declared air defense identification zone. According to a Japanese report in late January 2014, China is

considering declaring a new ADIZ over the SCS, a move likely to increase tensions in the area.

In May of 2014, nearly a week after China National Offshore Oil Corporation drilling rig (HD-981), d

Both countries also plead their case in the SCS dispute to ASEAN.

International Oil Interests in the South China Sea

As fissures erupt along geographic boundaries within the SCS, those affiliated with regional interests should expect to see an increase in cyber activity surrounding real world events. International bodies such as ASEAN and the United Nations, as well as individual nations, should expect to see targeted attacks from sophisticated operators seeking to monitor internal $communications \ or \ bi-lateral\ /\ multi-lateral\ exchanges\ between\ member\ nations.\ China's\ ability\ to\ maintain\ a\ remote\ persistence$ within these targeted enterprises and exploit information provides Beijing with the agility to influence or counter regional policy developments or international arbitration. Individuals affiliated with national level military, diplomatic or economic interests within the SCS should seek to safeguard any

 $standard\ business\ practice\ that\ supports\ internal\ information\ security\ operations.\ It\ is\ equally\ important\ that\ technical\ leaders$ effectively interpret and articulate such regional threats and the context surrounding them to corporate business leaders. Organizations must assess and acknowledge the likelihood that they may be target, if not compromised, but without adopting a victim mindset. By proactively seeking to routinely acquire and fuse technical and non-technical geo-political context to $seemingly\ isolated\ security\ events, or ganizations\ can\ develop\ a\ richer\ understanding\ of\ sophisticated\ threats\ and\ their\ seemingly\ isolated\ security\ events, or ganizations\ can\ develop\ a\ richer\ understanding\ of\ sophisticated\ threats\ and\ their\ seemingly\ isolated\ security\ events\ and\ their\ seemingly\ events\ eve$ motivations which ultimately enables organizations with stronger cooperate decision support. If you are interested in leveraging the industries most comprehensive threat intelligence platform to aggregate, analyze and act on the platform of the platthreat intelligence, register for a ThreatConnect account and join our communities, access these incidents and the associated

The ThreatConnect Research Team: is an elite group of globally-acknowledged cybersecurity experts,

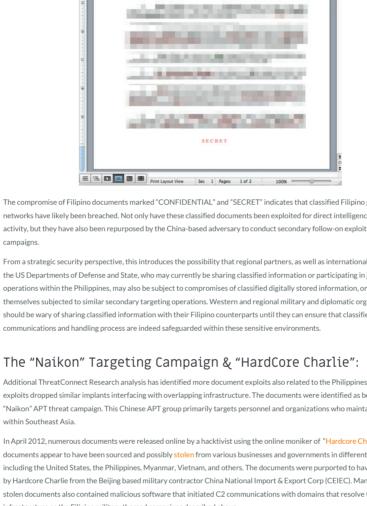
 $but to build historic timelines and patterns of malicious infrastructure \ resolutions for \ retrospective \ analytic \ use \ cases.$ [HREATCONNEC] ☐ DELETE □ NEW PIVOT **≔** free.googlenow.in

The faux "ivyfatima.ferrer@yahoo.com" email address was likely created to masquerade as the legitimate email address belonging to the real lvy Fatima Ferrer, an Assistant in the Department of Foreign Affairs, ASEAN, who uses the real email address of $"ivy fatima_ferrer@y ahoo.com". In the example below, Threat Connect Research was able to validate that Ivy Fatima Ferrer uses the statement of the properties of the context of the properties of the propertie$ her personal Yahoo email address for ASEAN related business. Participants - GOVT and CSO Participants - ASEAN and UN + Individuals and organizations should avoid using free personal webmail for work related matters as it limits the ability for $organizational\ net Defense\ providers\ to\ deliver\ security\ services\ around\ corporate\ assets.\ Also,\ converging\ public/private$

The Threat Connect Incident 2014 0106 A: Philippines Air Defense Identification Zone Word Exploit, is another Filipino military and the Connect Incident Connthemed incident that has been shared within ThreatConnect Subscriber Community. This Incident highlights a targeted CVE- $2013-3906\,Word\,exploit\,(MD5:3651CA104557572206956C00E4B701B7)\,that\,downloads\,a\,Mirage\,self\,extracting\,dropper\,droppe$ executable (MD5: 1DCD7489F14362BFA96074A64A16D215) from the URL http://mirefocus[.] com/kb2484033.exe. This properties of the temperature of thedownloaded payload deployed a Mirage RAT implant (MD5: 3532D7F41D162D0F1B1484938C5A34BA) that connected to the C2 domain spacewing 1.vicp[.]cc. This dynamic C2 overlaps with other known Filipino related dynamic domains, such as the

 $sink holed\ domain\ philippine. dyndns \cite{the domain\ philippine} air lines. dyndns-server \cite{the domain\ philipp$

philSTAR.

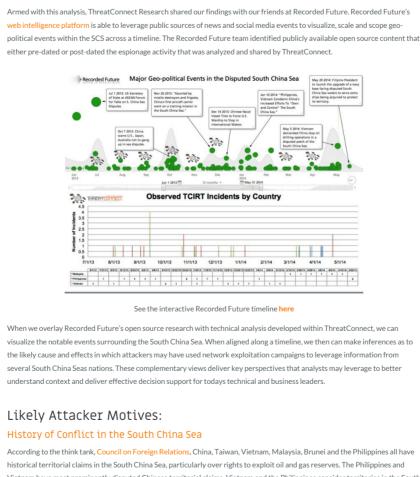


Chinese targeting of the VNPT would be consistent in terms of a standing signals intelligence collection requirement to remotely obtain digital communications. Remote access to a centrally controlled mobile telecommunications service provider would allow Beijing to leverage a significant voice, data and SMS intercept capability within Vietnam

Chinese targeting of the MONRE would be consistent in terms of a standing intelligence collection requirement to obtain insights to off shore oil field development block contracts, as well as details surrounding the locations of strategic mineral reserves within a contract of the cont

ThreatConnect Research has been tracking the domain vnpt.conimes[.]com since December 2012, which was also identified as an infrastructure enrichment based on the Zegost backdoor analysis. The conimes[.]com was also was registered by the malicious registrant IIssddzz@gmail.com, This sub-domain has likely been used within targeting campaigns against individuals and $organizations\ associated\ with\ the\ Vietnam\ Posts\ and\ Telecommunications\ Group\ (VNTP).\ The\ VNTP\ is\ a\ telecommunications$ company and the national post office, which is owned by the Vietnamese Government. VNPT is listed as one of the seven largest businesses within Vietnam, which also owns the mobile telecommunications providers VinaPhone and MobiFone

VNPT.conimes.com and Vietnam Posts and Telecommunications Group



deployed its first aircraft carrier, the Liaoning, to the SCS. According to reports, during this deployment, the USS Cowpens, A U.S. $guided\ missile\ cruiser\ operating\ in\ international\ waters\ within\ the\ SCS\ was\ forced\ to\ take\ evasive\ action\ on\ December\ 5,\ 2013\ to$ avoid a collision with a Chinese warship maneuvering nearby. The incident came as the USS Cowpens was operating in the vicinity of the Liaoning. Conclusion:

significant 13% decline.

domestic production."

China ADIZ in East China Sea

Recent Tensions in the South China Sea

signatures. To contact us directly, please reach out to PR@threatconnect.com.

How To Streamline Threat Intel Sharing

d 120 pautical miles off

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