BRUNEI DARUSSALAM
CYBERCRIME
Situation, Challenges & Measures

ASEAN PLUS THREE CYBERCRIME WORKSHOP
18-19 JULY 2016, SINGAPORE
Content

• About Brunei Darussalam
• Cybercrime Situation
• Challenges
• Measures
• Conclusion
About Brunei Darussalam

- **Location**: At the heart of South East Asia
- **Capital City**: Bandar Seri Begawan
- **Area**: 5,765 sq km
- **Current Population**: 430,000 population (est 2015).
- **Independence**: February 1984 from the British Protectorate
- **Political System**: Constitutional absolute monarchy
- **Internet penetration**: 319,000
Cybercrime Situation

Cases handled by the Royal Brunei Police Force
Phishing Scams

- Phishing Scams (including Email Spoofing & Smishing)
Romance Scams

--- On Tue, 2/7/12, Garret M.C <g_379@yahoo.co.uk> wrote:

From: Garret M.C <g_379@yahoo.co.uk>
Subject: JUST TO SAY I LOVE AND HOPE TO MEET YOU SOON
To: 
Date: Tuesday, February 7, 2012, 5:32 AM

Hi Honey!!!

Hope you having a nice time out there. I just finally got time here after my executive meeting and i decided to send the gifts to you which has been in my mind and same time for me to prove how real my love is to you. I am sending to you a full album of my recent pictures, DELL mini laptop, a few long sleeve and 2 pairs of shoes, picture frame for you to put picture, some love sculptures, flowers, perfumes and a set of diamond (compose of ring, earring, wrist watch and necklace) for you. I am sure you will like them when you get it soonest, I really wanna make this as a surprise to you but i guess i have to let you know that i kept the sum of 8,000 pounds inside the laptop compactam battery to meet in-person coz that is my goal and intention. I am doing this with you because i love, trust and believe in you and i hope to meet you in-person and spend the rest of my life with you. Along with this email is the attached receipt, you will print it out and hold it cos the courier service will need it when they arrive your house. I will be leaving tomorrow by 18:55pm flight, I will always find time to chat with you specially my lunch time and free break. Take good care of yourself and let me know the new development. Also my phone will be available so you can call me but I cant call with it so i will always use a public phone to call you, do take care.

love from
Garret
Sexual Extortion
Misuse of Social Media

• Spreading False Reports

WARNING FROM POLICE

This is the new thing these days with people out of work and needing cash. Beware, it's headed our way:

Just last weekend on Friday night we parked in a public parking area. As we drove away I noticed a sticker on the rear window of the car. When I took it off after I got home, it was a receipt for gas. Luckily my friend told me not to stop as it could be someone waiting for me to get out of the car. Then we received this e-mail yesterday:

WARNING FROM POLICE

This applies to both women and men.

WARNING FROM POLICE

lena's E-MAIL

Hey everyone! Please, keep this circulating. You walk across the parking lot, unlock your car and get inside. You start the engine and start into reverse.

When you backs up into the rearview mirror to back out of your parking space, you notice a piece of paper stuck to the inside of the rear window. So, you shift into Park, unlock your doors, and jump out of your car to remove that paper. Whatever it is that's obstructing your view. When you reach the back of your car, that is when the perpetrators appear out of nowhere, jump into your car and take off. They practically nail you down as they speed off in your car.

And guess what, ladies?

I'll bet your purse is still in the car.

So now the carjackers have your car, your home address, your money, and your keys. Your home and your entire identity are now compromised.

WARNING FROM POLICE

Please keep this going and tell all your family and friends.
CyberBullying

- Case: 2012, 27 year old man sentenced to 10 months in jail for pleading guilty to outraging modesty of a woman by uploading and circulating obscene pictures and videos on Facebook.
May 2010, A Filipino man sentenced 6 months prison pleaded guilty of hacking the Internet Connection

Accessing Internet by hacking the landlord ‘secured’ wireless connection to commit other crimes (stolen credit card to purchase prepaid mobile topups)

Filipino gets 28 months for Internet hacking and theft

Syaizwan Sadikin
BANDAR SERI BEGAWAN

A Filipino man was sentenced to six months in prison after he pleaded guilty to hacking into an Internet connection.

Raymond G. Azuracan, 29, also pleaded guilty of cheating a man by using a stolen credit card to purchase $3,720 worth of DST Easi Card top-up. He was sentenced to 22 months and 14 days for the offence.

The sentence, which will run consecutively, totalled up to two years, four months and 14 days.

Some time in April 2010, Raymond decided to hack into the wireless Internet connection of his landlord who was living adjacent to Raymond’s house. The Internet connection is registered to Md Areiz Marzaqui Hj Abi Muslim and can only be accessed by the owner. Raymond used his computer to hack into the wireless Internet connection by using a programme with which he was able to obtain the owner’s password enable him to log on without his landlord’s authorisation.

On April 5, Raymond logged on to the Internet using his landlord’s wireless Internet connection and went into the brukclass website to purchase DST Easti Card top-up using a stolen credit card number bearing the name Mehmet Sadi Cetinkaya. The stolen credit card number was obtained from an Internet Relay Chat. By entering his username and the credit card number, Raymond was able to make a series of transactions to purchase the DST Easti Card top-up totalling up to $3,720 worth of credit.

Raymond’s activity was discovered on April 8 when the owner of the website, Alfred Yong Keh Soon, noticed that Raymond through his username had been making multiple purchases using the same credit card number. Soon made a police report on April 12.

On April 13, officers from the Commercial Crime Investigation Department raided Raymond’s rented house where he was arrested. Several items belonging to the defendant, including his laptop and a wireless router, were also seized.

During an investigation, Raymond admitted that he had hacked into his landlord’s “secured” wireless Internet connection and had been using the wireless connection without the landlord’s authorisation. He also admitted to have cheated Soon by falsely representing himself as Mehmet Sadi Cetinkaya, who was later found to be a Turkish citizen, and used a stolen credit card under Mehmet’s name in order to purchase DST Easti Card top-up.

This is the first time a person has been sentenced under the Computer Misuse Act.

During the proceedings on Tuesday, Magistrate Harnika Zelda Skinner told Raymond that he had brought hardship to the owner of the credit card.

The Brunei Times
Challenges

• Terrorism
  - Brunei is surrounded by countries facing real threats from terrorism.
  - Safe Haven & Transit point
  - Total No. of Facebook users in Brunei – 255,600. It has increased by more than 15,700 users in the last 6 month. Majority of the users are between the age of 18 to 24.
  - Widespread use of social networking sites i.e Facebook - Brunei ranks as one of the highest in Asia - Facebook penetration in terms of population. (Potentially Recruiting and radicalize local Brunei population)
Challenges

- **Cloud Computing**
  - Transitioning to ‘Cloud’ offers immense benefits especially in terms of cost, flexibility, scalability, and agility.
  - Major challenges in the jurisdiction of location of servers in the Cloud (issue if cloud server in other countries), the legal rights to LEA and concerns over security and privacy of sensitive business, government and personal information hosted in the Cloud.
Challenges

- Prosecution of Cybercrime related cases
  - Co-operation of telecom services (IP Tracing)
  - No mechanism to prioritize cases that needs International assistance (no proper risk-assessment standard)
  - Identifying of the perpetrators
  - Global Problem: Dark Web
Measures

- **Cybersecurity Working Group (CWG)**
  - Strategic level committee (created 2016)
  - Establishment of Cybersecurity Working Group under the perview of the National Security Committee, Prime Minister’s Office
  - Information Sharing & formulate joint action plans on cybersecurity related matters.
Measures

- Appointment of Information Security Officers (ISO)
  - Government Protective Security Manual (PSM) reviewed to include requirement for the appointment of **Information Security Officers (ISO)** to all government Ministries and Department
  - Establish, maintain, implement and administer security policies, standards, guidelines and procedures and security emergency action plans.
  - Assist/focal point for the GCERT & (LEA) in the event of cyber security breaches
Measures

- **Planned Establishment of National Cybersecurity Framework**
  - To coordinate all cybersecurity related efforts and risk mitigation from multiple cyber-related agencies.
  - Reports directly to the executive **Cybersecurity Working Group**
  - Involves assessment of the current threat, risks, national capability and gap analysis spanning to identification vulnerabilities in critical infrastructure to stakeholders and their national obligations.
Measures

- Conducting IT Security Awareness Programs
  - Ministry of Education for primary / secondary & university students
  - Institute of Public Service for Government Civil Servants
  - Awareness on traditional & cyber crimes
  - Community Outreach program (COP)
Conclusion

- Cybercrime is always changing, from technology to the threats faced, and enforcement agencies need to keep up to date in terms of training, along with sharing information both domestic and international.

- More effort needed in raising awareness of cyber-related crimes within the public consciousness, so as not to be easily taken in by scams.
THANK YOU

BRUNEI DARUSSALAM
Cybercrime Situation, Challenges & Measures

The Green Heart of Borneo
BRUNEI
A Kingdom of Unexpected Treasures