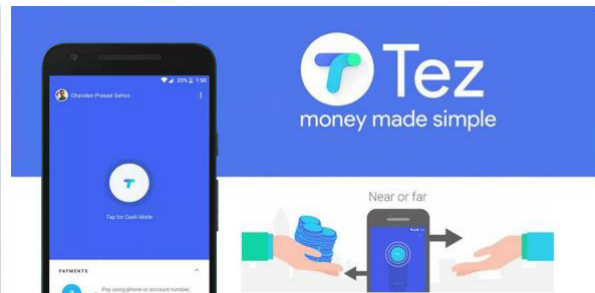


Current Affairs: September, 2017



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1. Warning issued by CERT-IN for Locky Ransomware Attacks

India's Computer Emergency Response Team (CERT-IN) issued an alert about spread of a new Malicious software 'Locky'. It is circulated via spam e-mails like documents, pdf, images, please download, urgent details etc. However, content of mail can be changed as per the target of the attack. The ransomware locks the computer and demands half bitcoin payment.

2. Surya Kiran 12th Edition

India-Nepal Joint military Exercise Surya Kiran took place at Saljhandi Nepal. It's a 14 day exercise from 3 to 16 September focused on skill required counter terrorism and natural disaster operations. 11th edition of this exercise took place in Pithoragarh in Uttarakhand. It is the largest exercise in terms of Troops Participation.

3. HDFC bank given 'Too Big To Fail' Status

Reserve Bank of India gave too big to fail status to HDFC bank and added it to a list of Domestically Important Banks. It is the Second biggest Indian lender by assets, and it has now joined the list of SBI and ICICI banks which are also Systemically Important. RBI issued the framework for Domestically Systemically Important Banks (DSIBs) in 2014.

4. Code on Wage Bill introduced in Lok Sabha

Government plans to frame 4 labour codes that will subsume 38 labour laws. These 4 laws are- Code on Wages, Code on Industrial Relations, Code on Social Security and Code on Occupational Safety, health and working conditions.

5. Ministry of Health launches two new contraceptives

An injectable contraceptive called as Antara and a pill called Chhaya have been launched by Ministry of Health and Family Welfare and this will expand the basket of Contraceptives to meet the needs of people. Antara is effective for 3 months and Chhaya is for 1 week. Also *Family planning Logistics management Information system (FP-LMIS)* is the software that has been launched.

6. Scheme Ujala Launched in Malaysia

The Scheme is Unnat Jyoti by Affordable Lighting for All, carried out by Energy Efficiency Services Limited, under ministry of Power, Government of India has launched, UJALA scheme in Melaka, Malaysia.

It is about providing low cost subsidized LED's for efficient lighting and saving on electricity.

7. CSIR Scientists develop Artificial Leaf

Council of Scientific Research in India have created a device of Semiconductors that mimics the functions of leaf and when light fall on it, it generated current and makes Hydrogen from water.

8. BPCL gets Maharatna Company Status

Bharat Petroleum Corporation limited gets Maharatna Status upgraded from Navratna. A firm is eligible to be Maharatna firm only if it is a Navratna firm with 25000 crore rupees turnover, 15000 crore net worth and net profit after tax of at least 5000 crore in the last three years. At present there are 7 Maharatna Companies – SAIL, GAIL, BHEL, ONGC, NTPC, IOC, COAL India LTD.

9. NAG Missile Test Fired Successfully

India's Indigenously developed 3rd Generation Anti-Tank Guided Missile (ATGM), Nag has been successfully tested by DRDO. It is built under Integrated missile Defense Program. It is 3rd generation Fire and Forget missile. 2 Versions, NAMICA – It's a lock on Before Launch System. HELINA – It's a lock On After Launch so it has larger range, upto 7 km.

10.2 Mountains on Pluto named after Tenzing Norgay and Edmund Hillary

International Astronomical Union has named 2 mountain ranges after first 2 men to successfully climb and come back from the Mount Everest. New Horizons Spacecraft did a close flyby of Pluto in July 2015.

11. Bengaluru Firm gets CARB-X grant to develop antibiotics

CARB-X is a public private partnership setup in 2016 to focus upon innovations to improve diagnosis and treatment of Drug resistant infections. It is funded by London's Wellcome trust and US Health Department's Biomedical Advanced Research and Development Authority (BARDA). It addresses its focus on the most resistant gram negative bacteria. These bacteria are responsible for 20-25% drug resistant infections.

12.INDRA 2017

First ever Tri Services Joint Exercise between India and Russian Armed Forces took place in the eastern Military District in Russia and in the Sea of Japan near Vladivostok. It took place at Combined Army Range in Sergevisky.

13.Operation Insaniyat

Government of India has decided to extend assistance to Bangladesh witnessing huge influx of refugees in Bangladesh. According to UN 3,79,000 refugees have fled into Bangladesh, these are the Rohingya refugees from the Rakhine State of Myanmar. The relief material consists of rice, pulses, cooking oil, tea, ready to eat noodles, biscuits etc.

14.Citizenships to Hajongs and Chakmas

Centre Govt. is set to grant citizenship to Hajongs and Chakmas refugees who have been living in Arunachal Pradesh for more than 50 years now. Chakmas are Buddhists and Hajongs are Hindus who came from the Chittagong Hill tracts of Bangladesh (Earlier East Pakistan) when their land was submerged due to Kaptai Dam in 1960's and they also faced religious persecution.

15.PSLV fails its 41st flight while carrying IRNSS 1H

Indian Regional Navigation Satellite System IRNSS 1H satellite which would have replaced the faulty satellite of the 7 Satellite Constellation of Indian version of GPS, has failed to set into orbit as the PSLV launch Vehicle could not perform. PSLV C39 is the Workhorse of ISRO and has failed only the second time since 1993.

16.Hurricane IRMA

It is a category 5 storm in the Atlantic Ocean, and is the 2nd major storm after Hurricane Harvey. It made landfall in Cuba, Caribbean, and the headed towards Florida. Recently, A TYPHOON DOKSURI also hit towards the South of Hongkong and made towards Vietnam.

17.Xafecopy Trojan

A new malware detected in India that steals money by Victim's Mobile phones. It is a popular attack in the Countries where mobile payment is popular.

18.Bullet Train Project in India

Mumbai Ahmedabad High Speed Rail (MAHSR). It is a Indo Japan Collaborative Effort Inaugurated at Ahmedabad. Japan will provide a soft loan of Rs. 90,000 Crore at a Miniscule percentage of 0.1 percent over 50 years and 80 % cost of the project is being funded by Japan. A high speed Rail Training Institute will start in Vadodara.

19.ASTRAA Missile

This is developed by DRDO INDIA. It is a Beyond Visual range Air to Air missile. It is an Active radar Homing missile capable to engage targets at 20Km or even at 80-110 Kms. Hence, it's a Short as well as Long Range Missile.

20.Google Tez

It is a mobile Payment Service launched in India. This service allows users to transfer money via their bank accounts as well as Unified Payments Interface (UPI), Qr Code and Phone Number. Google has also teamed up with Dominos, Red-Bus and PVR.

21.Shaheed Gram Vikas Yojana

This scheme is launched in Village Ulihatu of Jharkhand which is a birthplace of Tribal Icon Birsa Munda.

22.MS Subbulakshmi's Commemorative Coin released

Vice President released a commemorative coin on Carnatic Singer Dr. M.S. Subbulakshmi and an Exhibition 'kuraiornumallai MS- A life In Music'

She was the first Indian musician to be given Bharat Ratna, India's Highest Civilian Honour. She was first Indian Musician to receive the Ramon Magsaysay Award, Asia's Nobel Prize.

23.VASTRA 2017

An International Textile and Apparel Fair 2017 was recently held In Jaipur. Rajasthan State Industrial Development and Investment Corporation Ltd. (RIICO) and FICCI had organized the fair. Fair was an Opportunity to enter into Joint Ventures, Strategic Alliances, launch New Products etc.

24.B4 Boat Labs to Conserve Majuli Island

Centre plans to conserve the Fats-eroding Majuli Island which is Asia's largest Riverine Island. It was earlier 1200square km but it has shrunk to

500 Sq. Kms. It is home to Assam's Vaishnava Monasteries. B4 Schemes stand for Bhramaputra Biology and Biodiversity Boat which will a lab in a boat.

25.INS Kalavari handed over to Indian navy

Built under project 75, Kalvari is a Scorpene Class Submarine and is One of the first Six Submarines being built in India under Project 75 which is a technology transfer by French DCNS and Mazgaon Docks Ltd. Kalavari is named after the Tiger Shark and is a Stealth Submarine.

26.Deen Dayal Hastkala Sankul

Prime Minister dedicated to nation a facilitation centre for trade in Handicrafts in Varanasi. Craft museum is also present in the Sankul and it will preserve the traditional handicrafts and products of Varanasi. Ministry of textiles has entered into a MOU with Indira Gandhi National Open University IGNOU and National Institute of Open Schooling (NIOS) where children of Weaver's School and University education will be borne 75 % by the Government of India.

27.Eminent Professor CNR Rao to be Awarded for Material Research

He is the First Asian to be Chosen for Von Hippel Award. His work Includes Functional Material, Nano Materials and graphene and @d material and Superconductivity etc. This award is US based Materials Research Society's highest Honour.

28.Saubhagya Yojana

Pradhan Mantri Sahaj Bijli Har Ghar Yojana is to ensure electrification of all willing households in the country, both rural and Urban. State and UT are given a target of complete electrification by 31st December 2018. Beneficiaries will be selected on basis of Socio Economic Caste Census Data 2011. These beneficiaries will be given free connection while unelectrified non beneficiary households will be given connection free but 500 rs will be recovered by bill in 10 installments.

29.Druzba 2017

Pakistan and Russia two week long military exercise. This year its taking place in Russia.

30.INS Tarasa

It is Water Jet fast Attack Craft for extended coastal and offshore surveillance and patrolling was commissioned into the Indian Navy. INS Tarmugli and INS Tihayu were commissioned in 2016 at Vishakhapatnam and INS Tillanchang at Karwar. They are Car Nicobar Class of FAC built by GRSE Kolkata.

31.MOM Completes 3 years

India's Mars Orbiter Mission completes 3 years in Orbit. It was aimed at studying the Martian Surface and Mineral Composition as well as Scan its atmosphere for Methane(indicator of life). It has Alpha Photometer, Methane Sensor, Neutral Composition analyser, color Camera, Thermal Infrared Spectrometer.

Whiteout Phenomenon has been experienced by MOM where Earth is between Sun and Mars and too much solar radiation makes it impossible to communicate with earth.

32.National Disaster Management Authority

13th foundation day of NDMA was celebrated with School Safety as its theme. It is an Agency of Ministry of Home, and was established by Disaster management act 2005. Prime Minister is the Ex-officio Chairperson of it.

33.Jan Sampark Program

Central Adoption Resource Authority of Ministry of Women and Child Development has started a monthly 'Jan Sampark' program to enable the public talk to officials seeking their redressal for concerns and queries.

34.TK Vishwanathan Committee

This has been made to propose new laws and amendments to deal with the hate speech on the internet. SC has Struck Down S66 of Indian IT Act.

35.Global Slavery Index

It is **Shocking to see India Rank 4th in Global Slavery index**. Out of 167 Country, an Australia based Group Walk Free Foundation released a report that presents horrors of slavery in modern day sense. Top 3 are North Korea, Uzbekistan, and Cambodia. 1.4 % of world population is working under coercive conditions. 46 million is the estimated number of modern day slaves.

