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August 09, 2019

To
BSE Limited
The National Stock Exchange of India Limited

Dear Sir/Madam,

Sub: Press Release- Subex releases the State of IoT Security Report India for Q2 2019

As per Regulation 30 of the SEBI (LODR) Regulations, 2015, please find enclosed the Press Release which the Company intends to make.

Kindly broadcast the same on your website on August 09, 2019.

Thanking you.

Yours truly,
For Subex Limited

G V Krishnakanth
Company Secretary & Compliance Officer

Subex releases the State of IoT Security Report India for Q2 2019

22 percent rise in attacks reported.

Smart city projects, financial services, and transport sectors sit prominently on the radar of hackers

New Delhi, August 09: Subex, a leading telecom solutions provider released the findings of its State of Internet of Things (IoT) Security Report for the second quarter (April-June 2019) of this calendar year in New Delhi today. The report, based on threat intelligence data gathered from across 15 cities all over India, outlines key sectors being attacked, the methods of attack, malware, and variants deployed, key cities that are being attacked and studied by hackers, malware developers and hacktivist groups.

The report was released by Minister of State for Home, Shri. Krishna Reddy at a function in New Delhi.

Key findings of the report include:

- Mumbai, New Delhi, and Bangalore are attracting the maximum number of cyberattacks
- Smart cities, financial services, and transportation sectors lead the sectoral rankings in terms of cyberattacks
- The number of cyberattacks registered a 22 percent jump in the quarter
- There has been a significant rise in reconnaissance attacks
- A range of sophisticated malware is being deployed by hackers to target critical infrastructure projects
- IoT projects are being targeted at the proof of concept stages itself and many malware samples isolated showed a tendency to persist and listen to the network traffic

The study identified over 2550 unique malware samples in the country which is the highest reported so far. Modular and military-grade malware is often used by specialist hackers and groups with budgets and access to research and development facilities or online shops that develop and sell such sophisticated malware. Increase in the number of attacks with a geopolitical motivation is also a trend the study has reported.

The high level of malware persistence reported is indicative of a larger trend. Hackers are becoming more patient and willing to wait to attack or steal data. Also, the newer malware variants being detected are stealthier and can evade detection for a longer duration of time than before the study found. Such malware operates by staying silent while keeping their footprint and signature below detection thresholds. They can also streamline their behavior to match network traffic and stay dormant until certain thresholds are breached.

"By releasing these findings we intend to increase awareness and provide decisionmakers and other stakeholders sufficient data points to frame appropriate interventions. We hope this report will serve its purpose and help India secure its infrastructure and connected components. Today, our honeypot network is active in 62 cities around the globe. The threat intelligence generated from these cities is crunched in our IoT lab in Bengaluru to generate actionable intelligence on the threat environment surrounding IoT deployments. The threat intelligence compiled points to a high level of hacker interest in projects in India and this is indeed a matter of concern," said **Vinod Kumar, Managing Director and CEO, Subex.**

About Subex

Subex is a pioneer in enabling Digital Trust and Optimization for Communication Service Providers. Founded in 1992, Subex has spent over 25 years in enabling 3/4th of the largest 50 CSPs globally achieve competitive advantage. By leveraging data which is gathered across networks, customers, and systems

coupled with its domain knowledge and the capabilities of its core solutions, Subex helps CSPs to drive new business models, enhance customer experience and optimize enterprises.

Subex leverages its award-winning product portfolio in areas such as Revenue Assurance, Fraud Management, Asset Assurance and Partner Management, and complements them through its digital solutions such as IoT Security and Insights. Subex also offers scalable Managed Services and Business Consulting services.

Subex has more than 300 installations across 90+ countries.

In case of any queries, please reach out to-

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