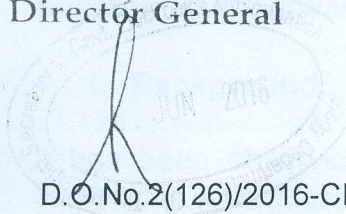




सत्यमेव जयते

Dr. Sanjay Bahl
Director General



D.O.No.2(126)/2016-CERT-In

भारत सरकार
Government of India
संचार एवं सूचना प्रौद्योगिकी मंत्रालय
Ministry of Communications & Information Technology
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी विभाग
Department of Electronics & Information Technology
भारतीय कम्प्यूटर आपात प्रतिक्रिया दल (सर्ट-इन)
Indian Computer Emergency Response Team (CERT-in)
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08.06.2016

Subject: Rise of Ransomware attacks – remedial measures

Dear Shri Pradip Kumar Jena,

It has been observed that "Ransomware malware" attacks are on rise on financial institutions, businesses and academic institutions in the country. Ransomware are type of malicious software (malware) that scramble the contents of a computer or server (associated network shares and removable media) and demands payment/ransom to unlock it.

In the emerging ransomware attacks, spear phishing mails are sent to targeted organisation's users to trick them and deliver malware to their systems. After initial infection, attackers move laterally within the organisation's network to reach critical back end systems and databases. The attackers then encrypt specific fields of databases and customer records and demand ransom.

An advisory indicating modalities of attacks and remedial measures is attached for your consideration and implementation. Further, antecedents of the maintenance engineers and their access to sensitive database systems may be periodically reviewed from information security perspective.

You are requested to promptly report any ransomware infections and demand for ransom to CERT-In and Law Enforcement agencies so as to enable timely remediation and appropriate investigation which will in-turn help in curbing such attacks.

With regards

Encl: as above

To,

Shri Pradip Kumar Jena
Principal Secretary (IT)
Department of Information Technology
Government of Odisha
N-1/7-D, Acharya Vihar
P.O.- RRL,
Bhubaneswar - 751013

Yours Sincerely

(Dr. Sanjay Bahl)

Sanjay Bahl
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