CVE-2020-27414 Mahavitaran Android Application: Insecure Communication of Sensitive Data

1 Comment Uncategorized tp9222@gmail.com August 22, 2021

Vulnerable Software: Maharashtra State Electricity Board Android Application

Vulnerability: Insecure Communication of sensitive data

Affected Version: 7.50 and prior

Patched: Yes

Vendor Homepage: https://www.mahadiscom.in/en/home/

App store link: https://play.google.com/store/apps/details?id=com.msedcl.app&hl=en_IN&gl=US

CVE: CVE-2020-27414

CVE Author: Tejas Nitin Pingulkar

Exploit Available: POC Available

About Affected Software

The Official App for Consumer by Mahavitaran (M.S.E.D.C.L.). Mahavitaran Consumer App enables consumers to avail Mahavitaran services at his/her fingertips. The app is simple and easy to use. It provides transparency in delivering services to consumers.

►Features :

*View and Pay bill
*Register and Track complaints
*View Bill and Payment history
*Manage Multiple Electricity Connections
*Contact 24 x7 MSEDCL Call Center
*Apply for New Connection
* Know the status of New Connection Application and Pay Estimate Charges
*Submit Meter Reading to avoid average billing
*Provide Feedback about Mahavitaran Services
*Update Contact Details (Mobile Number & E-mail ID) of consumer
*Find MSEDCL offices and collection centers near you
*Estimate your monthly electricity consumption and bill amount
*Get Information about the Feeder from where the power supply is provided to your connection
*Apply for the change of name
*Submit an application for addition/reduction in load

Exploit

Use any proxy software such as burp
login via app

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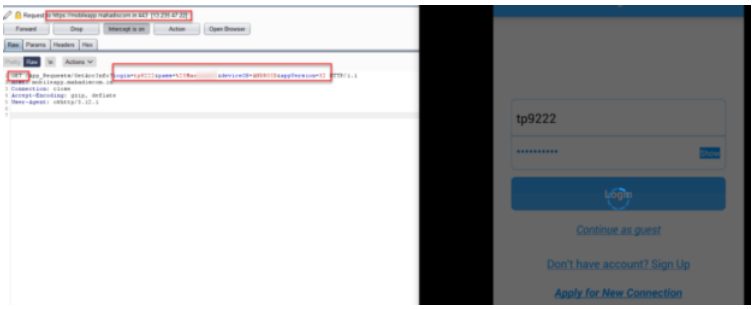
intercept traffic

Observe that app sends username password as url parameter



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