

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041012914
A

(19) INDIA

(22) Date of filing of Application :25/03/2020

(43) Publication Date : 15/05/2020

(54) Title of the invention : UNCOVERING AND PREVENTION OF DATA LEAKAGE IN CLOUD FROM MOBILE DEVICE

(51)

International :G06F0021570000,G01S0017950000,G06Q0010000000,G04G0021020000,G06K0009680000
classification

(31) Priority

Document :NA

No

(32) Priority :NA

Date

(33) Name
of priority :NA

country

(86)

International

Application :NA

No :NA

Filing

Date

(87)

International : NA

Publication

No

(61) Patent

of Addition

to

Application :NA

Number :NA

Filing

Date

(62)

Divisional to

Application :NA

Number :NA

Filing

Date

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(57) Abstract :

Progressively, higher mobile purposes are making use of the Cloud as the backend, in particular the cloud APIs, for records capacity, information examination, message notification, and checking. Sadly, we have, as of late, noticed substantial records spills from the Cloud, extending from utilizing and by way of recognizable records to company privileged insights. Right now, look to comprehend why such imperative breaks manifest and configuration gadgets to apprehend them naturally. Even though records misfortune has to turn out to be a considerable difficulty that needs to be illuminated in several varieties of organizations, conceivable courses of data misfortune have gotten confounded and various, making countermeasures hard to develop. This invention is growing data misfortune prevention applied sciences that comprise understanding identified with cell devices, facts searching technologies, and protection technologies like encryption. At that point, we shape a lot of robotized software investigation strategies, which include obfuscation-strong cloud API identification and string esteem examination, and execute them in a test gadget to distinguish the possible records spillage vulnerabilities from mobile purposes established on how the cloud APIs are utilized. We have triggered victorious revelation to each two of the cloud provider suppliers, and they have all affirmed the vulnerabilities we have identified and are successfully working with the cellular utility developers to fix their defenceless services.

No. of Pages : 13 No. of Claims : 3