

सं. के-11020/198/2017- यूआईडीएआई (ऑथ-1)/1

भारत सरकार
इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय
भारतीय विशिष्ट पहचान प्राधिकरण (यूआईडीएआई)
ऑथेंटिकेशन डिवीज़न

यूआईडीएआई मुख्यालय भवन, तीसरी मंजिल,
बंगला साहेब रोड, काली मंदिर के पीछे,
गोल मार्केट, नई दिल्ली -110001
दिनांक: 11.11.2021

To,

<TPOCs (All AUA/KUAs)>

Sub: FIR implementation in Aadhaar based biometric authentication

Sir/Ma'am,

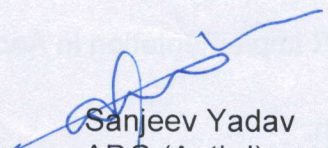
UIDAI provides the Aadhaar authentication and e-KYC services to the requesting entities in an efficient and secure manner. To enhance the security level, UIDAI has taken several security measures to ensure security of transactions during the authentication process. To make Aadhaar authentication transactions more robust and secure, Fingerprint Image Record (FIR) based authentication was introduced in fingerprint based Aadhaar authentication in year 2020. Accordingly, all the device vendors had upgraded their RD service to provide the facility of FIR based authentication.

2. UIDAI intends to migrate all fingerprint authentication transactions from FMR only to FIR and FMR. In order to analyze that FIR based authentication in comparison to FMR based authentication, all the biometric device vendors have been asked to develop an RD service providing both FMR and FIR data in single capture in the same PID block.

3. All AUA/KUA are requested that following changes may be carried Out:-

- a) AUAs may take up the necessary changes in their applications in consultation with corresponding device providers to enable transmission of FMR and FIR in the same auth request.

- b) Device vendors are also being requested to make necessary changes in the RD service.
 - c) Amended RD Specs and Auth API document will be published shortly.
 - d) AUAs using the managed RDS (MDM versions) may submit an undertaking stating that the new version of RDS received from device providers will be used responsibly and will not be shared further.
4. In case of BFD, only FMR based biometric type authentication requests are recommended.
5. It is also informed that most of the RD Biometric device vendors have already got their L0 RD Service tested for FIR authentication. The AUA/KUA may therefore make necessary arrangements for implementing necessary modification in Aadhaar Authentication Application. The entire activity to be completed by 30/11/21.
6. This issues with the approval of Competent Authority.


Sanjeev Yadav
ADG (Auth-I)

Copy To:-

1. DDG (Tech Centre)—For Kind information and necessary action please.