

NPCI/2022-23/NACH/003

July 11, 2022

To,

All NACH Member banks

Bharath Aadhaar Seeding Enabler (BASE)

One of the vital steps in DBT process is seeding of Aadhaar number with a bank. The beneficiary has to get the Aadhaar linked to a bank account and based on the consent of the customer the bank in turn will seed the Aadhaar number in to NPCI mapper.

In order to facilitate the DBT program by enabling the citizens to carry out certain activities in digital mode we are launching Bharath Aadhaar Seeding Enabler (BASE). Using BASE the citizens can perform the following activities:

1. Check Aadhaar seeding Status
2. Aadhaar Seeding
3. Aadhaar Deseeding
4. Move Aadhaar seeding from one bank to another

The customer authentication during the work flow will be carried out through UIDAI on the basis of Aadhaar and OTP, post successful authentication the information will be passed on to the banks for processing.

After due authentication of the customer the customer information will be passed on to the bank concerned through API or file mode for verification and seeding purposes. It is a must for the bank to match the name and the account number provided. The banks can participate in the following modes:

Online Mode:

1. If the bank has implemented online name matching and if the matching is successfully done, bank can proceed with linking the Aadhaar number to the account number and send the seeding request to NPCI through API.
2. If the bank wants to do offline processing of name matching, then the requests received through APIs can be queued in their internal system. Banks should respond to BASE with the intermediate status as provided in the technical specification document. After completion of verification and authorization final response should be sent through asynchronous APIs within the TAT specified.
3. For online seeding and deseeding NPCI has already implemented APIs and released technical specification document (refer to Circular No: 009 – API services – updated specifications dated July 10, 2019)

Offline Mode:

1. The requests will be consolidated and sent to the banks in batch mode.
2. The banks can verify the details and complete the seeding and submit the response to NPCI as per the file format specified.



The citizens, after submission of their request will be provided with their request reference number using which they can do online enquiry to know the status of their request.

For Authentication purpose the following data will be accepted from the citizen

1. Aadhaar Number
2. Customer Name
3. Gender
4. Year of birth

Limited demo auth will be performed by NPCI through UIDAI for authentication. Other information that will be obtained from the customer:

1. Account number
2. Customer consent
3. Mobile number
4. IFSC

Aadhaar seeding status requests will be processed by NPCI through Aadhaar mapper, response will be provided to the requestor online after due authentication.

All the APB participating banks are advised to:

1. Host the BASE URL on their web site and mobile applications so that the citizens can avail the facility.
2. Develop their internal systems and processes to handle the Aadhaar seeding / deseeding requests on line through APIs. (Smaller banks might start in offline mode with file based processing)
3. In case of queuing up the transactions for verification in online mode or file based processing in off line mode banks should ensure that sufficient staff is allocated to clear all the requested with 2 working days of receiving such requests.

The technical specification document is enclosed. Banks are advised to take immediate measures for implementing Bharath Aadhaar Seeding Enabler (BASE) and communicate back to us the project plan with definite dates for implementation.

With warm regards,



Giridhar G.M
(Chief Offline Products Operations & Technology)