Understanding Registered Device update

As all of you already know that UIDAI is changing the process of capturing biometric data.The biometric devices, which are being used currently, are public devices and these device can not be used for capturing biometric data if not converted to register device.So we are giving brief description about register devices and changes that should be incorporated on your side.

- **What is a Registered Device?**

Registered Devices are the ones which will be registered with UIDAI for Aadhaar processes. All the present public devices used to capture biometric data (Fingerprint and Iris) will have to be converted to registered devices. The registration will be through the RD service provided by the respective device provider. Device registration is completely automatic process.

- **What is a Registered Device Service?**

Each biometric device provider would maintain a Registered Device Service (RD Service) for their devices. This has to be installed on the device beforehand. This RD service would be used to capture the encrypted biometric data.

- **Impact of Registered Device update**

The update will not allow any application to use an existing/stored biometric for the Aadhaar process. Application has to take the encrypted PID block from the registered device. Following are the brief steps, you have to follow:

1. You have to install compatible RDS on your machine/device.
2. When you plug in biometric scanner, it will automatically get registered with UIDAI.
3. Once you have above setup ready, your application will have to call RDS capture service.
4. After successful scan, RDS will return encrypted data to your application.

Note: Estimated time to implement technical changes : 8-12 hours

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- **Action plan for compliance with Registered Device update**

The devices must have the RD Service installed. The applications now need to interact with the RD Service to initiate the PID creation. When the RD service is called the biometric will be captured by the registered device. The RD Service will create the signed biometric and return the encrypted PID block. This ensures a more secure path for the biometric process.