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AADHAAR CLIENT INSTALLATION & SETUP MANUAL VERSION 1.1

Table of Contents

1. INTRODUCTION.....	3
1.1 TERMINOLOGY	4
1.2 OBJECTIVE OF THIS DOCUMENT	4
2. SET UP PROCESS.....	5
2.1 PRE-REQUISITES	5
2.2 SYSTEM REQUIREMENTS	5
2.3 WINDOWS USERS CREATION PROCESS	5
2.4 AADHAAR USER CREATION PROCESS.....	5
2.5 AADHAAR CLIENT INSTALLATION PROCESS	6
2.6 AADHAAR CLIENT REGISTRATION PROCESS	7
2.7 AADHAAR CLIENT DATA BACKUP PROCESS.....	7
3. APPENDIX	10
3.1 APPENDIX A	10
3.2 APPENDIX B	10
3.3 APPENDIX C	10

1. Introduction

UIDAI provides an enrolment client to Registrars/Enrolment Agencies to be used for enrolments. The enrolment client has certain pre-requisites which need to be met before installation. It requires creation of Windows User Accounts and a user credential file. Finally the client also needs to be successfully registered with UIDAI in order to perform enrolments.

This document explains the above mentioned steps in detail.

If you still have any trouble installing the enrolment client, you can contact the UIDAI helpline at **1 800 180 1947**.

1.1 Terminology

Enrolment: is the process of capturing resident data (including demographic and biometric data). The enrolment is done by the enrolment operator/agent.

Enrolment centre: is the location where the enrolment happens. Each enrolment station has the required enrolment set-up to make the enrolment possible.

Enrolment station: is the system which does the enrolment capture. The enrolment set-up includes a computer, the biometric devices and some accessories.

Central ID Data Repository (CIDR): a repository regulated and managed by the UIDAI. It issues AADHAAR numbers, updates resident information and authenticates the identity of residents as required.

1.2 Objective of this document

The objective of this installation and setup manual is to educate the intended audience on how to install and setup the AADHAAR Enrolment Client application.

2. Set up Process

2.1 Pre-Requisites

- Registrar has been provided with a 3 digit Registrar code by UIDAI; the Enrolment Agency must be aware of its Registrar's code
- The Enrolment Agency must be aware of its 4 digit enrolment agency code provided by UIDAI
- The Enrolment agency must have filled in the "User Management Toolkit" provided by UIDAI and the same should be sent to UIDAI before starting the enrolment process
- The enrolment client users (operators/supervisors) should have applied for an UID

2.2 System Requirements

The minimum system requirements for using the enrolment client are as stated below.

1. 2GHz, Dual core CPU, 2GB RAM, 160 GB HDD, 100Mbps NIC, Windows XP Professional - SP3 or Windows 7 Professional / Enterprise Version, 4 USB ports or equivalent hub.cy

Recommended monitor resolution setting: 1024 x 768.

- Bio-metric devices - Iris scan (Cross Match or L1), Digital photo camera, Finger Slap device (Cross Match or L1).
- Machine should not have any pending Windows update. (Windows updates are performed automatically by connecting to internet and selecting live windows update)

2.3 Windows Users Creation process

It is mandatory to create a separate Windows User Account for each user who is supposed to use the Enrolment client. Note that it is mandatory that the user who will install the enrolment client has to have administrative privileges.

The document detailing the Windows user creation process has been attached in the [Appendix A](#).

2.4 AADHAAR User Creation Process

The Enrolment Agency administrators are required to create a user credential file for the AADHAAR client application. This file (in CSV format) needs to be stored in a pre-

defined location (folder). This folder stores all the files which need to be imported into the client, such as user credential file and pre-enrolment data file.

The folder which needs to be created before the installation of AADHAAR client is **C:\AADHAAREnrolmentClient\UID_Import**

The user credential file should be created and placed in the above folder before the application is started. Note that the file should contain entries for all users who are registered with UIDAI (using the “User Management Toolkit”) and who are going to be the operators/supervisors during enrolment.

The name of the user credential file should be **UID_Credentials_Import.txt**

The format of the file for the user credentials to be imported is attached in [Appendix B](#).

Details about the fields are as below:

# No.	Field Name	Description	Uniqueness/Constraints
1	User Id	This is to be used as the user name for windows login	User Id should be unique within an enrolment agency (EA)
2	User name	This is the actual name of the user whose user id is provided.	
3	User type	This specifies the role of the user. E.g. Operator, Supervisor etc	A supervisor can also perform the role of an operator.
Note: The first row in the file containing User Id, User name and user type must not be removed or deleted			

The content in the file is just for illustration purposes.

2.5 AADHAAR Client Installation Process

The document provides step-by-step instructions to install the AADHAAR Enrolment Client as well as certain Biometric components needed for Biometrics capturing. The step for a successful installation has been detailed out in the ‘Read me’ document which needs to be adhered to. The two important processes which need to be accomplished before installation are:

1. Creation of Windows Users
2. Creation of user credentials file

The read me document is available for reference in the folder named “Read Me” in the client installation package.

2.6 AADHAAR Client Registration Process

The AADHAAR Enrolment Client application needs to be configured by the enrolment agency administrator. This registration needs to be done before the actual enrolment process starts. The registration of the client with the server requires connectivity between the server and the client. The client is expected to get registered with the server before the actual enrolment process takes place.

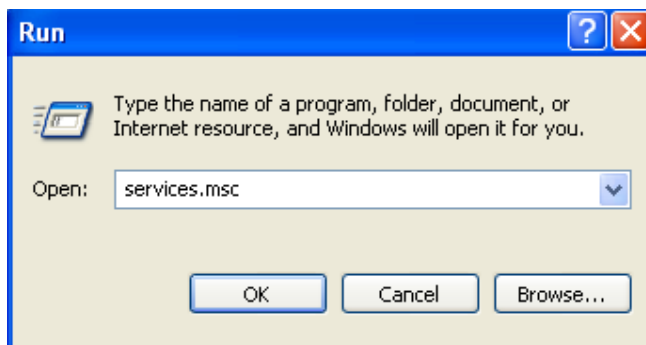
The process of registering a client application with the server is documented and attached in [Appendix C](#).

After completing the Client registration process you can use the enrolment client for enrolment purposes.

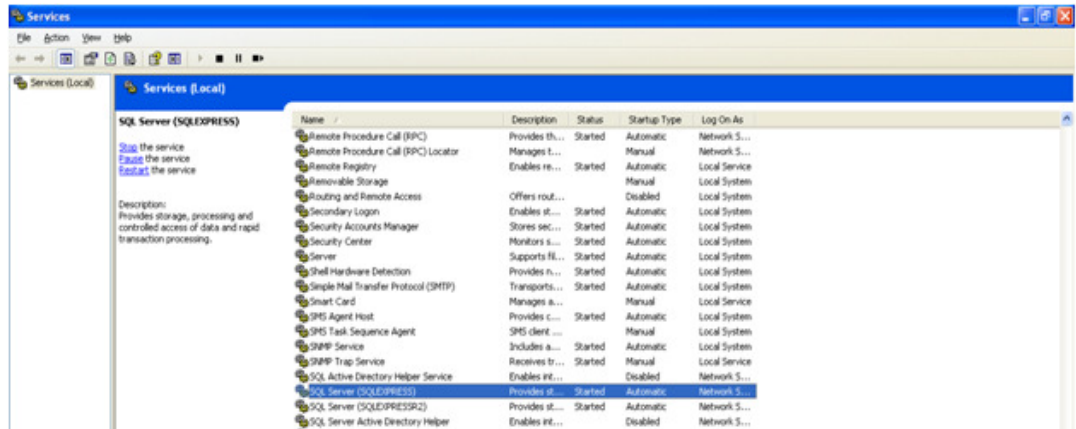
2.7 AADHAAR Client Data Backup Process

It is recommended that you periodically take back up of enrolment related data.

1. Take a back up of all folders and files in C:\UID_Export
2. Take a back up of MS SQL Express data and log files. The procedure for this is as explained below:
 - Click Start→Run
 - Type services.msc and click OK

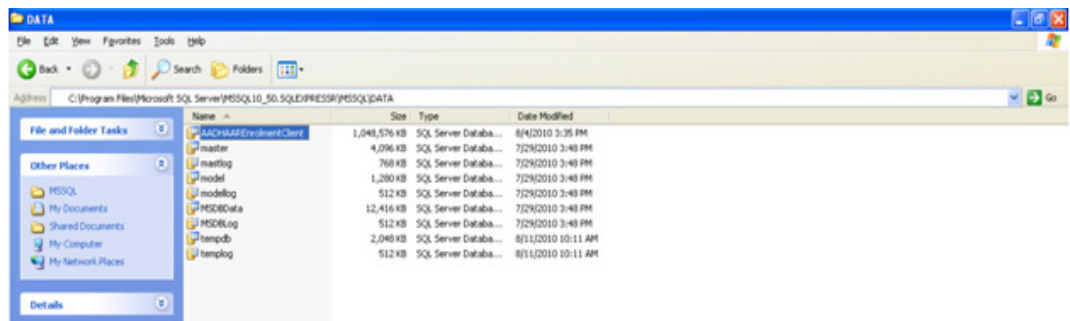


- Select and STOP SQL Express 2008



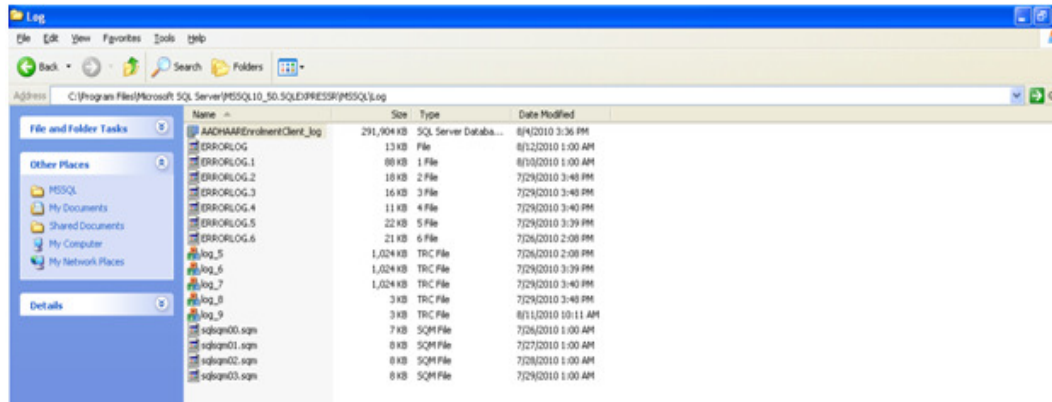
- Go to C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\DATA\

Note: The above path shows the default location. In case you have installed SQL Express in a custom location, you will find it under <Custom location>\ Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\DATA\



- Copy AadhaarEnrolmentClient.mdf file
- C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\Log\

Note: The above path shows the default location. In case you have installed SQL Express in a custom location, you will find it under <Custom location>\ Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\Log\



- Copy AadhaarEnrolmentClient.ldf file
- Go to services.msc
- Start SQL Express 2008 R2

Note:

If you ever have to restore Aadhaar Enrolment Client database, you can use the backed-up copies of AadhaarEnrolmentClient.mdf and AadhaarEnrolmentClient.ldf.

In order to restore follow these steps:

1. Go to services.msc -> Click on SQL Express 2008 -> Stop SQL Express 2008
2. Place AadhaarEnrolmentClient.mdf under C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\DATA\
3. Place AadhaarEnrolmentClient.ldf under C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLEXPRESS\MSSQL\LOG\
4. Restart SQL Express 2008 from services.msc

3. Appendix

3.1 Appendix A



Create_Windows_Us
ers.doc

3.2 Appendix B



UID_Credentials_Import.txt

3.3 Appendix C



Aadhaar_Client_Registration.doc