CDAC AUA-ASA

(Aadhaar Based Services)
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Aadhaar Ecosystem

CIDR

AuSP

CDAC ASA

AUA

Sub AUA

Auth Device

Sub AUA

Auth Device

C-DAC AUA

Auth Device

Auth Device

Aadhaar Holders
Aadhaar Based Services

• Authentication Service
• Best Finger Detection (BFD)
• One Time Password (OTP)
• e-KYC services
ASA Service Functionalities

• Validation of AUA.

• Validation of request as per UIDAI's API specification.

• Support multiple protocol handling for communication between AUAs and ASA.

• Validation service to verify AUA request.
Contd..

- Auditing service to maintain log of request and response.
- Reporting service for dynamic report generation on need basis.
- Billing service
- Performance monitoring
AUA Service Functionalities

- Validation of SubAUA and request format
- Support multiple protocol handling
- Auditing service to maintain log of request and response.
- Digital signing of request
- Forwarding request to CDAC ASA
C-DAC’s AUA-ASA Service

Government Departments/ Private Organizations

Gateway Constellation

ePramaan Service

C-DAC AUA Service

C-DAC ASA Service

UIDAI Data Centre
Potential Users/Schemes/Services of Aadhaar based services

- PDS authentication
- MNREGA
- User authentication on CSC
- RTO authentication
- Traffic system
- Housing
- Civil Supplies
- Govt Pensions
- LPG (HPCL, BPCL, IOCL) etc.
Integration with CDAC ASA services

- Signing of agreement
- Providing AUA client
- White-listing client IPs
- Providing Auth/OTP/BFD url
- Test Run on pre-production
- Resolving issues
- Switch to production environment
Our Clients

- MP State Electronics Development Corporation Ltd.
- Delhi EGov Society
- ITE&C Department, Govt of AP
- National Skill Development Corporation
- Ministry of Rural Development Govt of India
- DoIT Govt of Rajasthan
Pricing

- Currently CDAC is offering ASA services free of cost for government department/agencies.
- Sub AUA service is chargeable
- Currently charges for private agencies is @ Rs 0.5 per transaction*.
- The above rate is indicative and charges are subject to change based on various factors

* A transaction is completed once ASA receive a valid response from CIDR.
Status

• Currently running ASA and AUA services from CDAC Mumbai data center.
• Plan to migrate services to NIC data center New Delhi by July end.
• Agreement signing is in process with various government / private agencies.
• Six AUAs have on-boarded C-DAC ASA service.
Thank You !!