A Digital India Initiative

National e-Governance Division
Department of Electronics and Information Technology

Date: April 06, 2016
DigiLocker ties into Digital India’s visions areas of:

1. Shareable private space on a public cloud
2. Digital documents / certificates on cloud
DigiLocker is aimed at Paperless Governance
Current challenges

- Documents in Physical Form
- Copy/Scan/Courier for submission
- Fake documents in circulation
DigiLocker is a cloud based platform for issuance and verification of documents & certificates digitally.
How It Works?

How DigiLocker works?

ISSUER

(Citizen)

Issues documents digitally

DigiLocker

Accesses documents online

REQUESTOR
DigiLocker - Contains Two Parts

Issued Documents
- Issued from Original Source (Single Source of Truth)
- No separate document copy – just reference link to source

Self Uploaded Documents
- Legacy / old documents can be uploaded
- Use eSign for self attestation
- Similar to Dropbox, Google Drive (1GB free space)
Digi Locker - Benefits

- Based on User Consent
- Fully secure access
- Anywhere, anytime – desktop/mobile
- Paperless & environment friendly
DigiLocker Ecosystem
(Digital Locker Technical Specification)

Aadhar Login

E Signature

Issuer 1
Issuer 2
Issuer 3

DigiLocker Shared Repository

Gateway

Requestor 1
Requestor 2
Requestor 2

Dedicated Repository

Personal Lockers

Citizen

Requestors can access citizens documents from the personal locker

Citizens can share URI/Self Uploaded Documents with Requestors

Citizen
# DigiLocker Ecosystem

<table>
<thead>
<tr>
<th>Stakeholders</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Issuer</strong></td>
<td><strong>Repository</strong></td>
</tr>
<tr>
<td>Entity issuing e-documents to individuals in a standard format &amp; making them electronically available e.g. Pan Card, Voter Card etc.</td>
<td>Collection of e-documents that is exposed via standard APIs for secure, real-time access.</td>
</tr>
<tr>
<td><strong>Requester</strong></td>
<td><strong>Access Gateway</strong></td>
</tr>
<tr>
<td>Entity requesting secure access to e-documents stored in a repository e.g. University, Passport Office, RTO etc.</td>
<td>Online, secure mechanism for requesters to access e-documents from various repositories in real-time.</td>
</tr>
<tr>
<td><strong>Resident</strong></td>
<td><strong>DigiLocker</strong></td>
</tr>
<tr>
<td>An individual who uses the Digital Locker service based on Aadhaar number.</td>
<td>Dedicated cloud based personal storage space, linked to each resident’s Aadhaar for storing e-documents, or URIs of e-documents.</td>
</tr>
</tbody>
</table>
DigiLocker Statistics*

1,141,346 REGISTERED USERS
2,044,777 UPLOADED DOCUMENTS
5,170,081 ISSUED DOCUMENTS
9 ISSUER ORGANIZATIONS
3 REQUESTOR ORGANIZATIONS
245,047 eSIGNED DOCUMENTS

*As on 07/04/2016
# DigiLocker Onboarding Status*

<table>
<thead>
<tr>
<th>Pipeline</th>
<th>Scheduled</th>
<th>Initial Stage</th>
<th>Advanced Stage</th>
<th>Integration Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Gujarat eDistrict</td>
<td>• Dept of Income Tax</td>
<td>• Navy</td>
<td>• IGPR</td>
<td>• Kerala eDistrict</td>
</tr>
<tr>
<td>• GSTN</td>
<td>• Ambedkar Univ</td>
<td>• MP eDistrict</td>
<td>• HP eDistrict</td>
<td>• AP eDistrict</td>
</tr>
<tr>
<td>• ECI</td>
<td>• Karnataka CGG</td>
<td>• CBSE</td>
<td>• UP eDistrict</td>
<td>• Telangana eDistrict</td>
</tr>
<tr>
<td>• SBI</td>
<td>• ICICI Bank</td>
<td>• Uttarakhand eDistrict</td>
<td>• Haryana eDistrict</td>
<td>• MP eDistrict</td>
</tr>
<tr>
<td>• Min of Ayush</td>
<td>• Kotak Mahindra Bank</td>
<td>• UPSC</td>
<td>• Chandigarh eDistrict</td>
<td>• Nagar Haveli eDistrict</td>
</tr>
<tr>
<td>• Transport Dept</td>
<td>• Axis bank</td>
<td>• PHR (CDAC)</td>
<td>• MeA</td>
<td>• JNU</td>
</tr>
<tr>
<td>• IndusInd Bank</td>
<td>• Yes Bank</td>
<td>• Jharkhand land Record</td>
<td>• Goa Water Resources</td>
<td>• West Bengal Edistrict</td>
</tr>
<tr>
<td>• JNU</td>
<td>• IGNOU</td>
<td></td>
<td>• Pune Municipality</td>
<td>• Dadar &amp; Nagar Haveli eDistrict</td>
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<td>• MeA</td>
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<td>• LPG</td>
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</table>

*As on 07/04/2016
DigiLocker Website

https://digilocker.gov.in
Get 1 GB free storage with DigiLocker!

Sign up using Mobile number.

Enter your mobile number
Your Mobile No
Continue

Signup for DigiLocker with your Mobile
(It takes just a minute)
Sign in using either username/password or Aadhaar number.
Issued documents come directly into your DigiLocker from registered government departments, institutions & agencies.

<table>
<thead>
<tr>
<th>SI.No.</th>
<th>Issuer</th>
<th>URI</th>
<th>Document Type</th>
<th>Issued On</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MeeSeva.AP</td>
<td>in.gov.meeseva.ap-INCOM-9606884969</td>
<td>Income Certificate</td>
<td>17-12-2010</td>
</tr>
<tr>
<td>2</td>
<td>MeeSeva.AP</td>
<td>in.gov.meeseva.ap-INCOM-6476183043</td>
<td>Income Certificate</td>
<td>03-01-2011</td>
</tr>
<tr>
<td>5</td>
<td>MeeSeva.AP</td>
<td>in.gov.meeseva.ap-INCOM-2209271216</td>
<td>Income Certificate</td>
<td>07-01-2011</td>
</tr>
</tbody>
</table>

Issued documents from registered issuers appear as URIs (Links).
Legacy documents can be uploaded by citizen themselves.
How Issued Documents Work?
Issued Documents – How it works?

1. Create Links (URIs)

   - Aadhaar: 1234-1234-1234
   - EDIST-INCRT-1234

2. Populate Links in DigiLocker

3. Fetch from Original Source (SSoT)

   - Dashboards
     - Issued Documents
       - SI No. | Issuer          | URI                      
       - 1     | MeeSeva, AP    | in.gov.meeseva.ap.INCOM-9500884969  
       - 2     | MeeSeva, AP    | in.gov.meeseva.ap.INCOM-94701831043  
       - 3     | MeeSeva, AP    | in.gov.meeseva.ap.INCOM-4882624768  
       - 4     | MeeSeva, AP    | in.gov.meeseva.ap.INCOM-8163872602  
       - 5     | MeeSeva, AP    | in.gov.meeseva.ap.INCOM-2300071216  

Data (Repository or Database)
How to issue documents?

Method of generating URIs

Aadhaar Seeded Documents
  - PUSH

Aadhaar Seeding Not Available
  - PULL
Push v/s Pull

**PUSH**

1. Aadhaar Seeding
2. Repository
3. Pre Digitally Signed

**PULL**

1. Domain Key
2. Database
3. Runtime Digital Signing

Both options fetch documents from original source (Single Source of Truth)
How Requesters Can Access Documents?
Requested Documents – How it works?

1. University Registration Form
   - Name
   - Father Name
   - Last University
   - Degree
   - Upload Degree Certificates
     - Choose file
     - Choose from DigiLocker
   - Submit

2. DigiLocker
   - Sign in to your account
     - Username
     - Password
   - I allow DigiLocker to share my documents with services.digitalocker.gov.in
   - Submit

3. DigiLocker
   - Uploaded Document
   - Issued Document
   - My Folder
     - pdf
     - 1430641919_files_adassad_ad.pdf
     - 1430641919_files_adassad_ad(1).pdf
     - License
   - Submit
Requesters can choose what type of documents they will accept

Issued Documents
1. Get document URI
2. Get document file (pdf)

Self Uploaded Documents
1. Get document URL
2. Get document file (pdf)

Requesters can accept both Issued & Self Uploaded Documents, or only Issued documents.
Visit [https://digitallocker.gov.in/resource-center.php](https://digitallocker.gov.in/resource-center.php) to download

- Intro presentation
- User Manual & FAQs
- Technical Specification Documents
- Other links, resources
Thank You