

Administration Agencies Service Identification Form

Annex 1

| | | | | |
|---|--|---|--------------------------|---|
| 1. Service title: Replies to inquiries of digital certificate status | | 2. Service ID: 13011975107 (To be filled by the Planning and Budget Organization) | | |
| 3. Service provider | Name of the agency: Iran Center for e-Commerce Development | | | |
| | Name of the parent organization: Ministry of Industry, Mine and Trade | | | |
| 4. Service specifications | Service description | Stating validity or expiration of end entity digital certificate | | |
| | Type of service | Government to Citizen (G2C) <input checked="" type="checkbox"/> Government to Business (G2B) <input checked="" type="checkbox"/> Government to Government (G2G) <input checked="" type="checkbox"/> | Client Type | Any electronic system or applications that use digital certificates |
| | Nature of service | Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> | | |
| | Scope of service | National <input checked="" type="checkbox"/> Regional <input type="checkbox"/> Provincial <input type="checkbox"/> Urban <input type="checkbox"/> Rural <input type="checkbox"/> | | |
| | Related events: | Birth <input type="checkbox"/> Education <input type="checkbox"/> Healthcare <input type="checkbox"/> Tax <input type="checkbox"/> Business <input type="checkbox"/> Social security <input type="checkbox"/> Property registration <input type="checkbox"/> Urban installations <input type="checkbox"/> Insurance <input type="checkbox"/> Marriage <input type="checkbox"/> Retirements <input type="checkbox"/> Licenses and certificates <input type="checkbox"/> Death <input type="checkbox"/> Other <input checked="" type="checkbox"/> | | |
| | Start of service | Application by the receiver <input checked="" type="checkbox"/> Due date <input type="checkbox"/> Occurrence of event <input type="checkbox"/> Discretion of the agency <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | |
| | Documents required for the service | | | |
| Upstream rules and regulations | <ul style="list-style-type: none"> - Ecommerce Act ratified in 2003 by the Islamic Consultative Assembly - Articles of Association of the Electronic Commerce Development Center - Executive bylaw of the Article 32 of the Ecommerce Act - Policies document for electronic signatures for public key infrastructures - Executive directive for electronic signatures of intermediate public CAs | | | |
| 5. Service details | Statistics of service receivers | Systems using certificate, use this system to determine the expiration status of all its certificate owners | | |
| | Service average time | Less than a minute | | |
| | Frequency | Constant | | |
| | Number of physical reference | No physical presence is required | | |
| | Cost of service for the receiver (IRR) | Price(s) | Bank Account(s) | E-payment |
| | | | <input type="checkbox"/> | |
| ... | | | <input type="checkbox"/> | |
| 6. Service access route | Direct and detailed address of the service in the portal (If partially or fully electronic): http://www.rca.gov.ir/%D9%85%D8%AE%D8%B2%D9%86-%DA%AF%D9%88%D8%A7%D9%87%DB%8C_2060.html http://ocsp.gica.ir/ocsp www.gica.ir/portal/index?76 | | | |
| | Name of the system (If partially or fully electronic): | | | |

| Service stages | Type | Communication media | | | | | |
|--|--|--|--|---|--------------------------|---|---------------------------------------|
| | | Informative | Electronic <input checked="" type="checkbox"/> | Internet (website) <input checked="" type="checkbox"/> | | Mobile (application) <input type="checkbox"/> | |
| Non-electronic <input type="checkbox"/> | Reason for physical reference | | Personal authentication <input type="checkbox"/> Document authentication <input type="checkbox"/> Lack of proper infrastructure <input type="checkbox"/> Other <input type="checkbox"/> : | Agency referred to: National <input type="checkbox"/> Provincial <input type="checkbox"/> Local <input type="checkbox"/> | | | |
| Application | Electronic <input checked="" type="checkbox"/> | Internet (website) <input checked="" type="checkbox"/> | | Mobile (application) <input type="checkbox"/> | | | |
| | Non-electronic <input type="checkbox"/> | Reason for physical reference | Personal authentication <input type="checkbox"/> Document authentication <input type="checkbox"/> Lack of proper infrastructure <input type="checkbox"/> Other <input type="checkbox"/> : | Agency referred to: National <input type="checkbox"/> Provincial <input type="checkbox"/> Local <input type="checkbox"/> | | | |
| Service generation (Inner agency process or relations to other agencies) | Electronic <input checked="" type="checkbox"/> | Internet (website) <input checked="" type="checkbox"/> | | Intranet (local intranet or ERP) <input type="checkbox"/> | | | |
| | Non-electronic <input type="checkbox"/> | Reason for physical reference | | | | | |
| Service providing | Electronic <input checked="" type="checkbox"/> | Internet (website) <input checked="" type="checkbox"/> | | Mobile (application) <input type="checkbox"/> | | | |
| | Non-electronic <input type="checkbox"/> | Reason for physical reference | Personal authentication <input type="checkbox"/> Document authentication <input type="checkbox"/> Lack of proper infrastructure <input type="checkbox"/> Other <input type="checkbox"/> : | Agency referred to: National <input type="checkbox"/> Provincial <input type="checkbox"/> Local <input type="checkbox"/> | | | |
| 7. Service relation to other systems of the agency (databanks) | Name of other systems | | Exchanged fields | | Electronic inquiry | Non-electronic inquiry | |
| | | | | | Online | | Batch |
| | Any intermediate CA systems | | Information regarding expiration status of certificates | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Service relation to other agencies | Name of other agencies | Name of other systems | Exchange fields | Costs (If any) | Electronic inquiry | | If inquiry is non-electronic done by: |
| | | | | | Online | Batch | |

| | | | | | | | |
|--|--|--|--|--|--------------------------|--------------------------|---|
| | Any agency that has an intermediate CA from the root CA | | | | <input type="checkbox"/> | <input type="checkbox"/> | Agency <input type="checkbox"/> Client <input checked="" type="checkbox"/> |
| | Any agency that uses public key enabled (PKE) applications | | | | <input type="checkbox"/> | <input type="checkbox"/> | Agency <input type="checkbox"/> Client <input checked="" type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | Agency <input type="checkbox"/> Client <input type="checkbox"/> |

| | |
|-----------------------------|--|
| 9. Service processes titles | <p>1- Inquiring the validation status of certificates by the applicant systems</p> <p>2- Replying to certificate validation status by the OSCP responder</p> |
|-----------------------------|--|

10. Service processes connection diagram:

The diagram illustrates the service processes connection. It consists of three main components:

- OCSP Service (Left):** A central box labeled "پاسخ به درخواست توسط سرویس OCSP" (Response to request by OCSP service). It has a bidirectional arrow connecting it to the "Request" box above and a downward arrow pointing to the "Website" box below.
- Request (Top Left):** A box labeled "درخواست وضعیت اعتبار گواهی توسط سامانه" (Request for certificate status by the system).
- Website (Bottom Right):** A box labeled "انتشار لیست گواهی در وبگاه" (Publishing certificate list on the website).
- Issuing Server (Top Right):** A box labeled "صدور لیست گواهی های باطل شده از طرف سرور صادر کننده" (Issuance of expired certificate list by the issuing server).

The flow is as follows: The system sends a request to the OSCP service. The OSCP service responds to the system. Simultaneously, the issuing server sends a list of expired certificates to the OSCP service. Finally, the OSCP service publishes this list on the website.

نمودار به ترتیب از بالا به پایین از چپ به راست:

Inquiring the validation status of certificates by the system – issuing a list of expired certificates by the issuing server
Reply to service request by the OSCP service – publishing certificate list in the website

| | | | |
|---|------|--|--|
| Particulars of the person completing the form: Rasoul Kazemi Ashtiyani, Mahsa Rajabpour | Tel: | Email: kazemi.rasoul@ecommerce.gov.ir Rajabpour.m@ecommerce.gov.ir | Department: Root CA, Public intermediate CAs |
|---|------|--|--|