

Consent Receipt API

This server provides a consent receipt generation API. The API consists of a single endpoint:

`http://www.consentreceipt.org/mvcr/api`

This endpoint accepts HTTP `POST` requests with input in the form of JSON (`application/json`) documents and output in the form of a signed JSON Web Token (`application/jwt`).

How It Works

The API takes in a JSON document describing the consent transaction for which the receipt is to be generated. This object includes artifacts such as the presiding jurisdiction for the consent action, an identifier for the party consenting. The output of the API is a signed JSON Web Token (JWT) whose payload consists of all of the input data as well as several additional fields. This JWT is digitally signed by the server.

Top-level fields in the input JSON object

Field Name	Data Type	Description	Example Input	Required																																			
jursidiction	string. ISO two-letter country code if applicable, otherwise free text	this is the location of processing	US	✓																																			
sub	string.	Subject provided identifier, usually email addressClaim, defined/namespaced by the issuer	example@example.com	✓																																			
svc	array of strings.	this is global context for consent	["Company Name" , "Service Name"]	✓																																			
notice	string. HTTP URL	Link to the short notice enables usability and layered policy. to provide enhanced transparency about data collection and information sharing practices	http://example.com/notice	✓																																			
policy_uri	string. HTTP URL	the internet and immediately accessible privacy policy of the service referred to by the receipt	http://example.com/privacy	✓																																			
data_controller	object	The identity and company of the data controller and any party nominated to be data controller on behalf of org <div><div>The object contains information of the data controller in the following fields:</div><table><tr><th>Field Name</th><th>Data Type</th><th>Description</th><th>Example Input</th><th>Required</th></tr><tr><td>on_behalf</td><td>boolean.</td><td>acting on behalf of an organization?</td><td>true</td><td></td></tr><tr><td>contact</td><td>string.</td><td>person to contact</td><td>Jon Doe</td><td></td></tr><tr><td>company</td><td>string.</td><td>company name</td><td>Data Controller Inc.</td><td></td></tr><tr><td>address</td><td>string.</td><td>physical address</td><td>123 Main St., Anywhere</td><td></td></tr><tr><td>email</td><td>string. Email address</td><td>contact email address</td><td>jon@datacontroller.com</td><td></td></tr><tr><td>phone</td><td>string. Phone number</td><td>contact phone number</td><td>00-000-000-0000</td><td></td></tr></table></div>	Field Name	Data Type	Description	Example Input	Required	on_behalf	boolean.	acting on behalf of an organization?	true		contact	string.	person to contact	Jon Doe		company	string.	company name	Data Controller Inc.		address	string.	physical address	123 Main St., Anywhere		email	string. Email address	contact email address	jon@datacontroller.com		phone	string. Phone number	contact phone number	00-000-000-0000		<pre>{ "on_behalf": true, "contact": "Dave Controller", "company": "Data Controller Inc.", "address": "123 St., Place", "email": "dave@datacontroller.com", "phone": "00-123-341-2351" }</pre>	✓
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email	string. Email address	contact email address	jon@datacontroller.com																																				
phone	string. Phone number	contact phone number	00-000-000-0000																																				
consent_payload	object. Keys are the name of the consent, values are whether or not the user has agreed.	Examples include: Device Identifier, UID, IP Address, Browser Fingerprint, DNT signal client header, .Mobile device id	<pre>{ "privacy policy" : "agree", "ToS" : "agree" }</pre>	✓																																			
purpose	array of strings.	this is a short description of the purpose list of normative values in a global registry (services need to map specific actions to things in the registry -- should we require services to document these mappings?)	["marketing", "research"]	✓																																			
pii_collected	object. Keys are the name of the field, value is the information collected.	Personal information collected in relation to, or adjacent of purposes specified	<pre>{ "name" : "Example Example", "email" : "example@example.com" }</pre>	✓																																			
sensitive	array of strings.	What is determined to be personal information can be from a big list of all defined personal information categories from all jurisdictions. (this indicates that it is possible	<pre>["http://example.com/medical", "http://example.com/financial"]</pre>	✓																																			


```
{
  "jurisdiction": "US",
  "sub": "sarah@example.com",
  "svc": [
    "amazon",
    "amazon express"
  ],
  "notice": "http://example.com/notice",
  "policy_uri": "http://example.com/policy",
  "data_controller": {
    "on_behalf": true,
    "contact": "Dave Controller",
    "company": "Data Controller Inc.",
    "address": "123 St., Place",
    "email": "dave@datacontroller.com",
    "phone": "00-123-341-2351"
  },
  "consent_payload": {
    "privacy policy": "agree",
    "ToS": "agree"
  },
  "purpose": [
    "marketing",
    "research"
  ],
  "pii_collected": {
    "name": "Sarah Squire",
    "email": "sarah@engageidentity.com"
  },
  "sensitive": [
    "http://example.com/medical",
    "http://example.com/financial"
  ],
  "sharing": [
    "contact information",
    "demographic information"
  ],
  "context": [
    "active privacy policy consent",
    "passive terms of service consent"
  ],
  "aud": "http://engageidentity.com/protected",
  "scopes": "read update",
  "jti": "98b5c8995d311624db43e4f968bdbf2ec3a2141a45853482b0cb11c8df1fc793092b1192cc4efa8fdef1d0cee08daa09019d191b9fc664ab9879d0aa88ee4cf4",
  "iat": 1435855243471,
  "iss": "http://www.consentreceipt.org"
}
```

(<https://kantarainitiative.org/confluence/display/infosharing/Home>)
The Example Consent Receipt Generator is brought to you through the expertise of the Kantara Initiative Consent and Information Sharing Work Group and through funding provided by the Kantara Initiative (<http://kantarainitiative.org/>).



(<http://kantarainitiative.org/>)

