

## **UMA Taxonomy from the Legal Perspective: Definitions (with Annotations)** (Prepared by Timothy Reiniger for the Kantara Initiative, Inc.; Draft 8-25-17)

**Access Contract:** A contract or agreement to obtain by electronic means access to, or Information from, an Information processing system of another Person, or the equivalent of such access.

*Reference: Uniform Computer Information Transactions Act (“UCITA”) (2002), sections 102(a)(1) and 611.*

**Agency Contract:** A contract or agreement in which one Person (called the principal) delegates to another Person (called the agent) the transaction of some lawful business or the authority to do certain acts on the principal’s behalf in relation to the principal’s rights or property and subject to the principal’s control.

*Reference: American Law Institute’s Restatement of the Law – Agency, section 1.01; Black’s Law Dictionary (9<sup>th</sup> ed.).*

**Attribution Procedure:** Procedure to verify that an electronic authentication, display, message, record, or performance is that of a particular Person or to detect changes or errors in Information. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, or callback or other acknowledgment.

*Reference: UCITA sections 102(a)(5), 107, 108, 211, and 212; Uniform Electronic Transactions Act (1999) (“UETA”), sections 2(14) (“Security Procedure”) and 9.*

**Automated Transaction:** A transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract, or fulfilling an obligation required by the transaction.

*Reference: UCITA section 102(a)(7); UETA sections 2(2) and 14.*

**Authorization Server Operator:** A Person responsible for running and operating an [Authorization Server](#) that controls access and use policies pertaining to Protected Resources on behalf of a Resource Owner; acts as licensing agent for the Resource Owner and may perform these duties by means of an Electronic Agent.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization, section 1.2; RUFADA sections 2(9) (“Designated Recipient”) and 2(16) (“Online Tool”).*

**Client Operator:** A Person responsible for running and operating a software application (the “[Client](#)”) used by a Requesting Party or Requesting Party Agent to access and use a Protected Resource.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation.*

**Data Subject:** The Person to whom a Protected Resource relates.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; RUFADA section 2(21) (“Protected Person”).*

**Digital Asset:** An electronic Record in which a Person has an Informational Right or interest. The term does not include an underlying asset or liability unless the asset or liability is itself an electronic Record.

*Reference: Revised Uniform Fiduciary Access to Digital Assets Act (2015) (“RUFADA”), section 2(10).*

**Electronic Agent:** A computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part without review or action by an individual at the time of the action or response.

*Reference: UCITA sections 102(a)(27) and 112; UETA sections 2(6) and 14.*

**Individual:** A natural Person.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; UCITA section 102(a)(51); UETA section 2(12); RUFADA 2(17).*

**Information:** Data, text, images, videos, sounds, codes, computer programs, software, databases, or the like.

*Reference: UCITA section 102(a)(35); UETA section 2(10); RUFADA section 2(15).*

**Informational Rights:** All rights in Information created under any law that gives a Person, independently of contract, a right to control or preclude another Person’s use of or access to the Information on the basis of the rights holder’s interest in the Information.

*Reference: UCITA section 102(a)(38).*

**Legal Person:** A corporation, business trust, estate, trust, partnership, limited liability company, association, joint venture, governmental subdivision, instrumentality, or agency, public corporation, or any other legal or commercial entity.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; UCITA section 102(a)(51); UETA section 2(12); RUFADA section 2(17).*

**License:** A contract that authorizes access to, or use, distribution, performance, modification, or reproduction of, a Protected Resource or Informational Rights in a Protected Resource, but expressly limits the access or uses authorized or expressly grants fewer than all such Informational Rights in the Protected Resource, whether or not the transferee has ownership of the data.

*Reference: UCITA section 102(a)(41).*

**Licensee:** A Person entitled by agreement to acquire or exercise rights in, or to have access to or use of, a Protected Resource under an agreement to which User Managed Access default or approved model contractual terms apply.

*Reference: UCITA section 102(a)(42).*

**Licensor:** A Person obligated by agreement to transfer or create rights in, or to give access to or use of, computer Information or Informational Rights in it under an agreement to which User Managed Access default or approved model contractual terms apply.

*Reference: UCITA section 102(a)(43).*

**Person:** An Individual or Legal Person.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; UCITA section 102(a)(51); UETA section 2(12); RUFADA section 2(17).*

**Protected Resource:** Information, including Digital Assets, in which a Resource Owner either has Informational Rights or over which a Resource Owner has the authority to exercise Informational Rights.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; RUFADA section 2(10).*

**Record:** Information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

*Reference: UCITA section 102(a)(55); UETA section 2(7) and (13); RUFADA section 2(22).*

**Requesting Party:** A Person with legal capacity and authority, either on behalf of a Data Subject or directly as an Individual or Legal Person, to request and secure access to a Protected Resource either directly with a Resource Server Operator or by means of a Client Operator.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization, section 1.2; RUFADA sections 2(5) (“Conservator”), 2(14)(“Fiduciary”), 2(18)(“Personal Representative”), 2(19)(“Power of Attorney”), and 2(25)(“Trustee”).*

**Requesting Party Agent:** A Person seeking access to a Protected Resource on behalf of a Requesting Party and by means of a [Client](#) software application.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation.*

**Resource Server Operator:** A Person responsible for running and operating a [Resource Server](#) that collects, stores, and disseminates Protected Resources: acts as licensee to the Authorization Server Operator and sub-licensor to a Client Operator, Requesting Party, or Requesting Party Agent.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization and supporting documentation; RUFADA section 2(8)(“custodian”).*

**Resource Owner:** A Person with legal capacity and authority, either on behalf of a Data Subject or directly as an Individual or Legal Person, to license access and use rights (permissions) relating to a Protected Resource. The Resource owner is authorized to delegate to an Authorization Server Operator access control and licensing functions relating to a Protected Resource.

*Reference: User-Managed Access (UMA) 2.0 Grant for OAuth 2.0 Authorization, section 1.2; RUFADA sections 2(5) (“Conservator”), 2(14)(“Fiduciary”), 2(18)(“Personal Representative”), 2(19)(“Power of Attorney”), 2(21)(“Protected Person”), 2(25)(“Trustee”), and 2(26)(“User”).*