RDAP

Public Internet Service Policy

version 1.0

developed by Hostmaster LLC

January 1, 2025

1. General Provisions

This document (hereinafter, the Policy) sets out the basic operating principles of the WHOIS service, which is designed to provide public information about domain names, their registrars, registrants, administrative and technical contacts.

2. Terms and Definitions

Registry – an information technology system for data processing that contains information regarding domain names, network addresses, registrars, registrants, and registrants' contact persons and provides an interface for registrars' operations in accordance with the established Policy.

Public Domain Administrator – an entity that carries out administrative maintenance and ensures public domain functioning.

Registry Operator – an entity that carries out technical maintenance of the Registry.

Registrar – an entity that provides services in domain name registration and maintenance to a registrant.

Registrant – a person/entity for whose benefit registration and delegation of a private domain name are carried out.

Domain – a character representation of areas on the Internet, which is based on a hierarchic structure and is used to designate domain names.

Domain Name – a character representation that is used for addressing hosts on the Internet and network resources located on such hosts (web-sites, e-mail servers, network services) in a user-friendly form.

IP Address — a network address of a node on a computer network built in accordance with the IP protocol.

Name Server (NS) – a dedicated hardware and software facility on the Internet that maps domain names and IP addresses.

DNS – a computer distribution system for obtaining information on domains.

WHOIS – a service that enables public access to information pertaining to domain registration data, including a registrant and a registrar of a domain name.

RDAP – a service that enables public access in a structured format to information regarding domain registration data: domain name, host and contact (Registrar, Registrant, administrative and technical contacts).

Contact – contact information of a legal entity or a natural person acting in either capacity regarding a domain name.

Host – a name server that is registered in the Registry and serves for technical maintenance of a domain name.

3. Terms of the RDAP Service

The Registry Operator provides the RDAP service for informational purposes only, to obtain information about registration records of existing domain names, as well as related information, including name servers, contact information of the registrar and registrant of the domain name. The information provided by the RDAP service is provided “as is”.

The Registry Operator and the Administrator of any public domain do not guarantee the accuracy or completeness of the information, and are not responsible if the information provided turns out to be incorrect, incomplete or inaccurate.

The RDAP service provides public access to information that is provided and maintained in an up-to-date state by Registrars and stored in the Registry.

The Registrar may limit public access to certain information regarding the Contacts of a domain name, if this is stipulated in its agreement with the Registrant. In such case, the Contact fields closed for public access are not displayed.

Users of the service are prohibited from obtaining (including copying) or reusing in any form or by any means all or a substantial part of the information from the RDAP service without the direct permission of the Registry Operator.

The Registry Operator may restrict access to the service in case of excessive load on the service.

By making a request in any way, you agree to these Terms.

4. RDAP Service Request Formats

The request to the RDAP service should be directed to the server https://rdap.hostmaster.ua. The server responds to GET and HEAD requests using the HTTP and HTTPS 1.0, 1.1, 2.0 protocols. The server response is provided to the client in JSON format.
The standard text encoding for JSON responses in RDAP is UTF-8.
RDAP uses the following object classes: domain, nameserver, entity.

The requests have the following formats:
https://rdap.hostmaster.ua/help – request for information about the RDAP service
https://rdap.hostmaster.ua/domain/<domain> - request for a domain name
https://rdap.hostmaster.ua/nameserver/<hostname> - request for a domain name host
https://rdap.hostmaster.ua/entity/<contact-id> - request for a domain name contact
https://rdap.hostmaster.ua/entity/<registrar-id> - request for a domain name registrar.

5. RDAP Service documentation and standards

The general specification of the RDAP service is defined in the following documents:

- RFC7480 – HTTP Usage in the Registration Data Access Protocol (RDAP)
- RFC7481 – Security Services for the Registration Data Access Protocol (RDAP)
- RFC9082 – Registration Data Access Protocol (RDAP) Query Format
- RFC9083 – JSON Responses for the Registration Data Access Protocol (RDAP)
- RFC7095 – jCard: The JSON Format for vCard
- RFC6350 – vCard Format Specification
- RFC6868 – Parameter Value Encoding in iCalendar and vCard
- RFC8605 – vCard Format Extensions: ICANN Extensions for the Registration Data Access Protocol (RDAP)

Examples of requests and responses with a list of differences from the standard (trademark number, on the basis of which private second-level domain names were registered in the .UA domain, public domain category – in the remark field, differences in responses regarding mirror domains): https://www.hostmaster.ua/rdap

6. The amount of data in responses to requests to the RDAP service

6.1. Regarding domain name:
– the domain name;
– the identifier of a registrar that services the domain name;
– the list of name servers that ensure the technical operability of the domain name;
– information about the DNSSEC digital signature for the domain name;
– domain name statuses;
– domain name registration date;
– last date of changes;
– domain name registration term.

Additionally, for second-level domain names, the following may be specified:
– domain name category (marking YES means that the domain is public);
– trademark number that was used as a basis for domain name registration in the .UA domain.

6.2. Regarding the DNS server:
– name of the DNS server;
– IP address of the DNS server;
– registrar details that service the DNS server;
– DNS server statuses;
– DNS server registration date;
– last date of modification.

6.3. Regarding contact:
– name of the organization and/or name of the contact person;
– email address of the contact person;
– postal address;
– telephone number;
– registrar identifier that accompanies the contact data;
– contact statuses;
– date of registration of the contact;
– last date of modification.

6.4. Regarding the registrar:
– registrar identifier;
– name of the registrar organization;
– official website of the registrar;
– contact email address for complaints;
– phone number for complaints;
– postal address for complaints;
– registrar status.

6. Policy Amending Procedure

A Registry Operator is entitled to make changes to the RDAP service Policy, as may be needed. Any changes to the present Policy shall be made public on the web-site of the Registry Operator, whereof public domain administrators and the registrars shall be promptly notified. Any changes to the Policy can become effective no sooner than after 30 days of their publishing.

In the event of extreme necessity, changes to the Policy can become effective upon publishing on the web-sites of the Registry Operator, whereof public domain administrators and the registrars shall be promptly notified. An event of extreme necessity shall be understood to mean circumstances that render the provision of services by the Registry Operator impossible, unless and until the respective changes become effective.