ICANN Org Proposal: WHOIS Disclosure System

ICANN

13 June 2022

Agenda

- Executive Summary

- WHOIS Disclosure System – Design Overview

- Leveraging Existing ICANN Tech Stack

Executive Summary

ICANN Org has developed a minimum viable product proposal for a centralized request and processing system for entities seeking registration data: *WHOIS Disclosure System*

Proposal leverages:
- existing and proven ICANN design patterns;
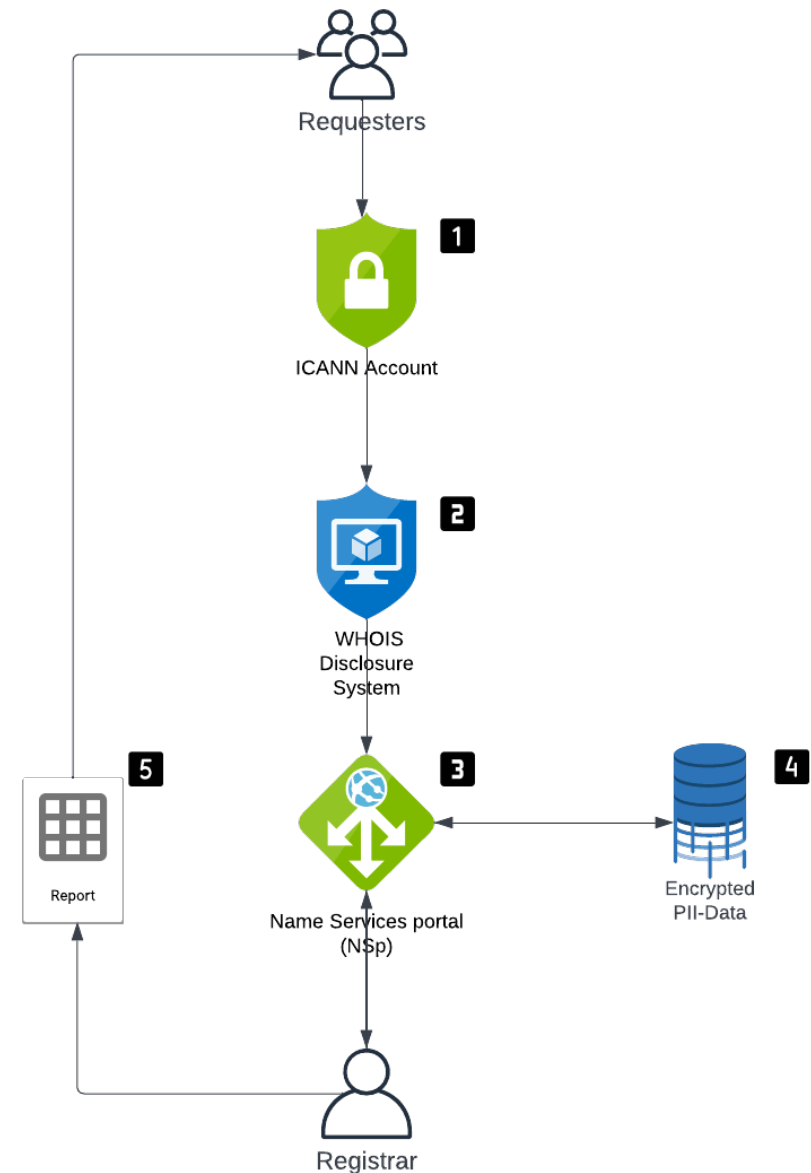- existing ICANN technology stack.

This proposed approach:
- offers delivery with existing ICANN resources;
- reduces time to develop and launch;
- simplifies adoption by all users (by virtue of reusing existing or similar user interfaces).

WHOIS Disclosure System – Design Overview

WHOIS Disclosure System is based on CZDS design:

- WHOIS Requestor logs into existing ICANN Account [1] providing access to a user experience similar to the current CZDS [2];

- The submitted request is automatically routed to the appropriate registrar using the case and ticketing system features of the existing Naming Services portal (NSp) [3];

- While the case is active (from creation to response and disposition), the PII data within the case is stored in an encrypted database [4];

- Any disclosed information is sent to the requestor outside of the system [5]. The registrar manually logs the response (approved, denied) in NSp;

- Once the case is completed, it is closed and all PII data is deleted. The proposed system will only retain the meta data necessary to provide reporting to the community.

Requesters

1 ICANN Account

2 WHOIS Disclosure System

5 Report

3 Name Services portal (NSp)

4 Encrypted PII-Data

● Existing
● New

Registrar

ICANN

Leveraging Existing ICANN Tech Stack

ICANN Account [1]
- Okta Identity Platform Version 2022.05.03 Release C
- In Production and Support since 2017
- 54,000+ Community Accounts
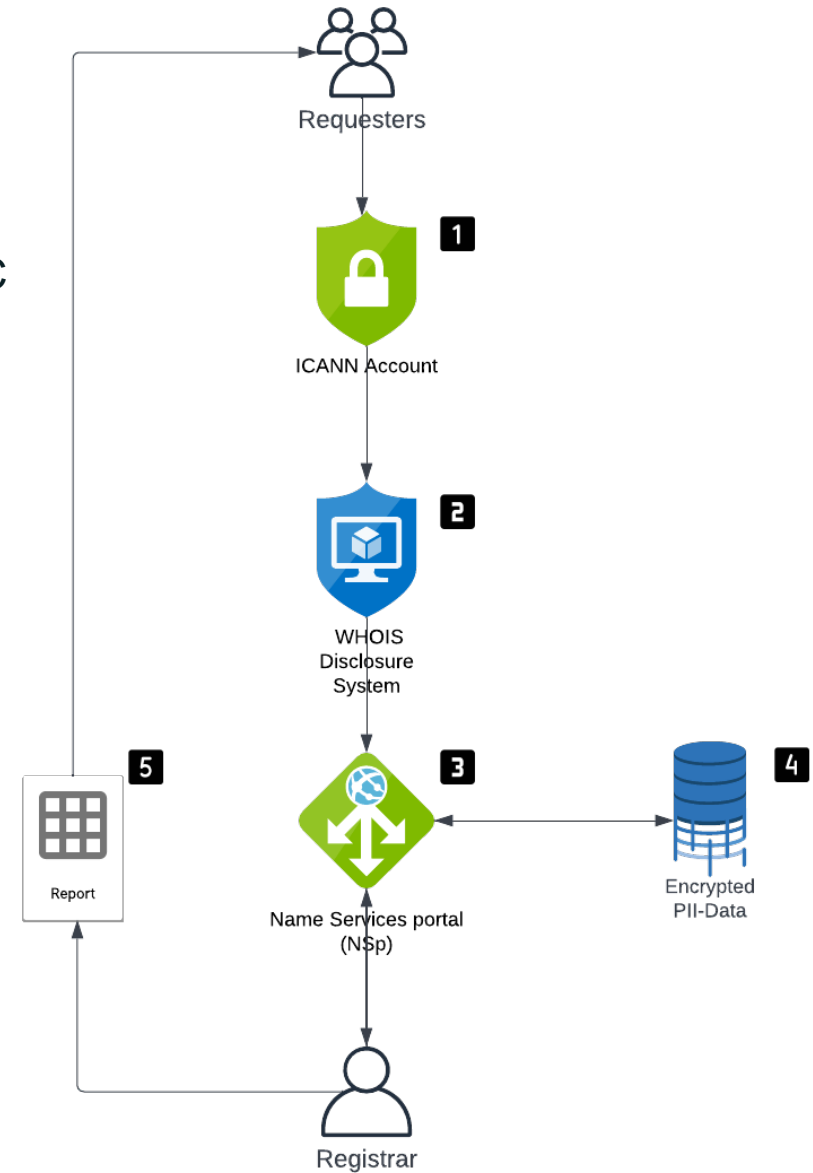
Name Services Portal - NSp [3]
- Salesforce Version Summer '22 Patch 8.4
- In production and Support since 2017
- 1,300+ Contracted Parties Accounts

WHOIS Disclosure System [2]
- Java Custom App

Encrypted PII Data [4]
- MariaDB Enterprise

🟢 Existing
🔵 New

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Registrar

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