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Milestone MNA3.5: Inventory of high-assurance identity requirements from the AARC2 use cases

Abstract

This document presents an inventory of currently identified use-cases where there is a requirement that the identity of a user accessing data or using a system or an instrument is assured with higher confidence than provided by an identification consistent with the REFEDS Assurance Framework "Cappuccino" assurance profile.

Identified use-cases come from the life sciences domain, driven by legal restrictions on the processing of human personal data. Assurance requirements include the use of multi-factor authenticators and improved "freshness" of the user's affiliation.

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Executive Summary

This document presents an inventory of currently identified use-cases where there is a requirement that the identity of a user accessing data or using a system or an instrument is assured with higher confidence than provided by an identification consistent with the REFEDS Assurance Framework "Cappuccino" assurance profile.

Identified use-cases come from the life sciences domain, driven by legal restrictions on the processing of human personal data. Assurance requirements include the use of multi-factor authenticators and improved "freshness" of the user's affiliation.

1   Introduction

This document presents an inventory of currently identified community use-cases where there is a requirement that the identity of a user accessing data or using a system or an instrument is assured with higher confidence than provided by an identification consistent with the REFEDS Assurance Framework "Cappuccino" Assurance Profile[1].

2   Use-case survey

An email request, circulated to all AARC2 communities, aimed to gather details of high assurance use-cases in their respective domains. The email asked respondents to enter details of their use-case onto an AARC2 wiki page prepared for the survey. Using a wiki allows for further use-cases to be added, should they be uncovered later in the AARC2 project.

3   Inventory

The inventory of high-assurance identity requirements from the AARC2 use cases is available on the AARC2 wiki here: https://wiki.geant.org/x/woXABQ.
Entries in the inventory contain URLs linking to additional information in each case.

4   Summary

Identified use-cases requiring higher assurance than offered by the REFEDS "Cappuccino" profile come from the life sciences domain, driven by legal restrictions on the processing of human personal data. Assurance requirements include the use of multi-factor authenticators and improved "freshness" of the user's affiliation.

References

1.   [REFEDS Assurance Working Group]   https://wiki.refeds.org/display/GROUPS/Assurance+Working+Group