Group Membership Service Updates

IVOA Interop -- Paris 2019

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NRC·CNRC

Overview

A web service with a RESTful API that allows for the determination of whether a user is a member of a group.

The answer to this ‘isMember’ question can be use to allow (or deny) the user access to a resource.

This is the authorization decision.

The owner(s) of the resource may, at any time, change the group(s) and/or the group memberships of the groups that is protecting the resource.

This is the granting and revoking of access.

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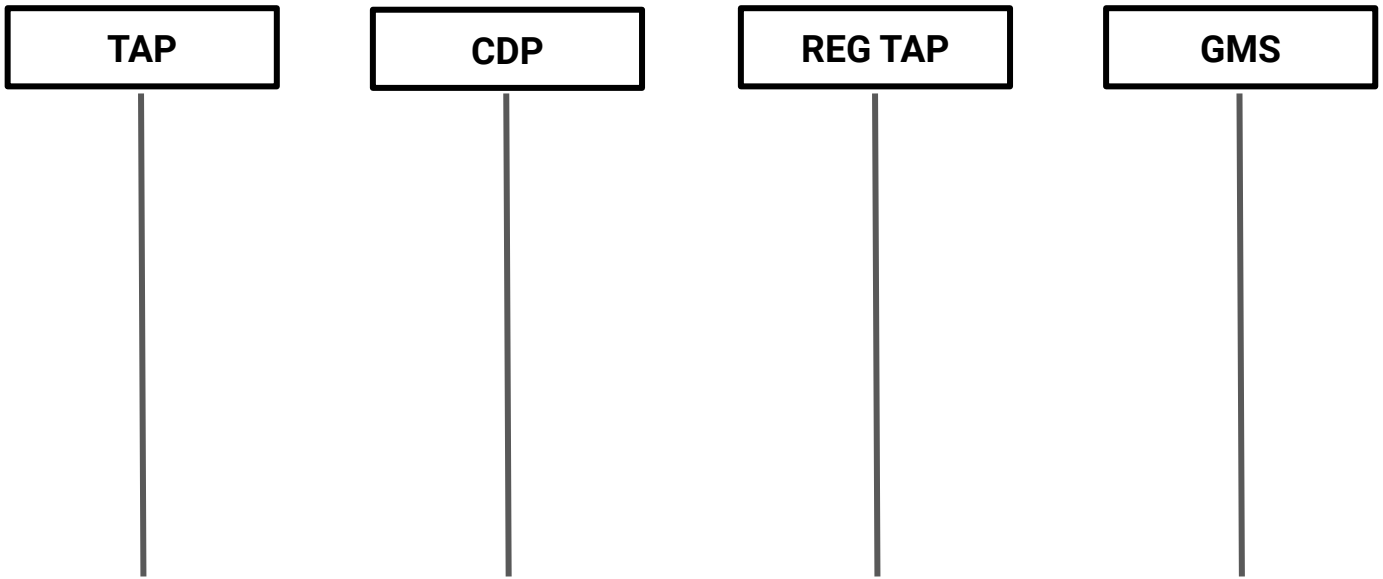
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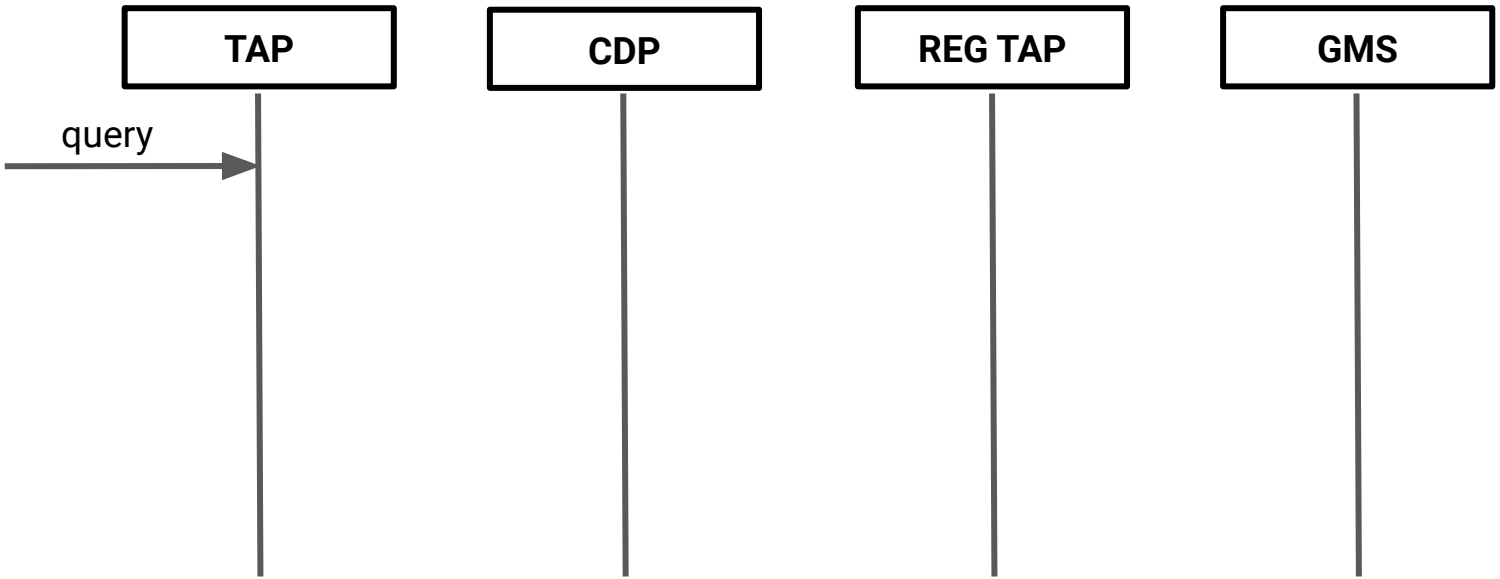
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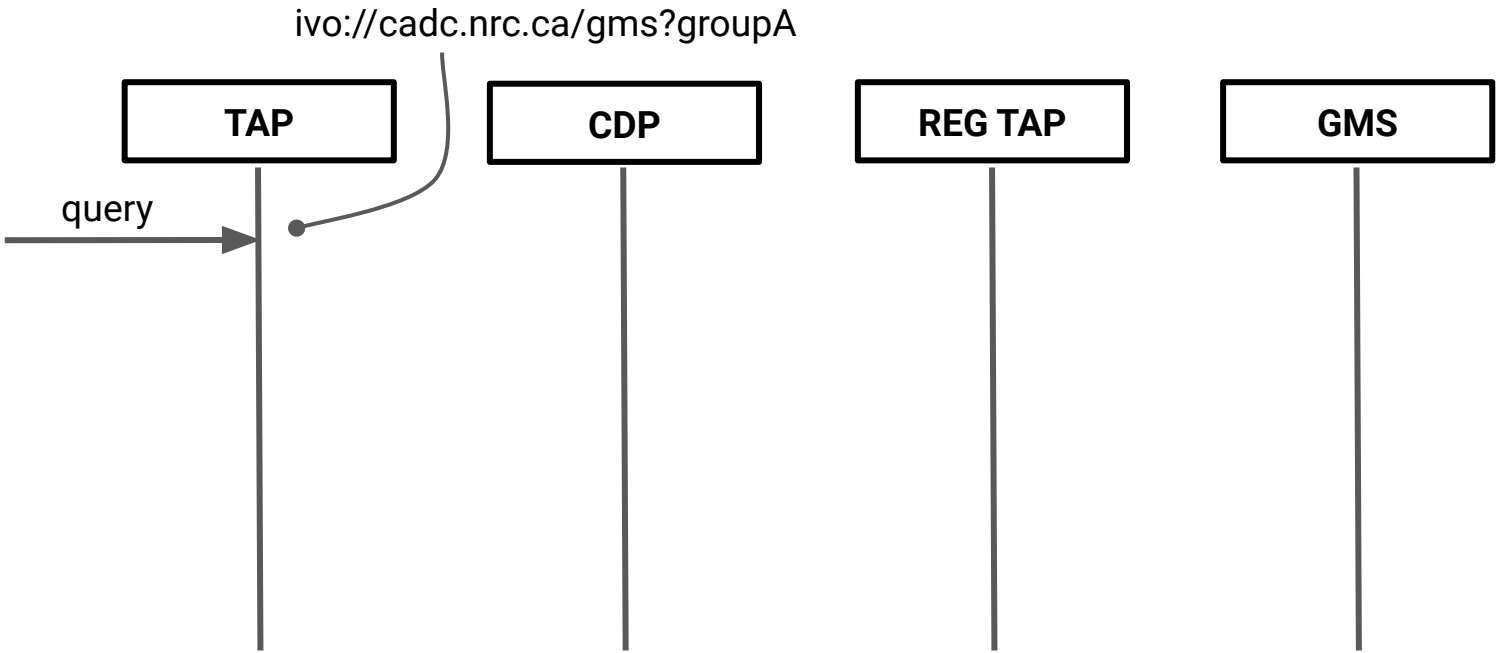
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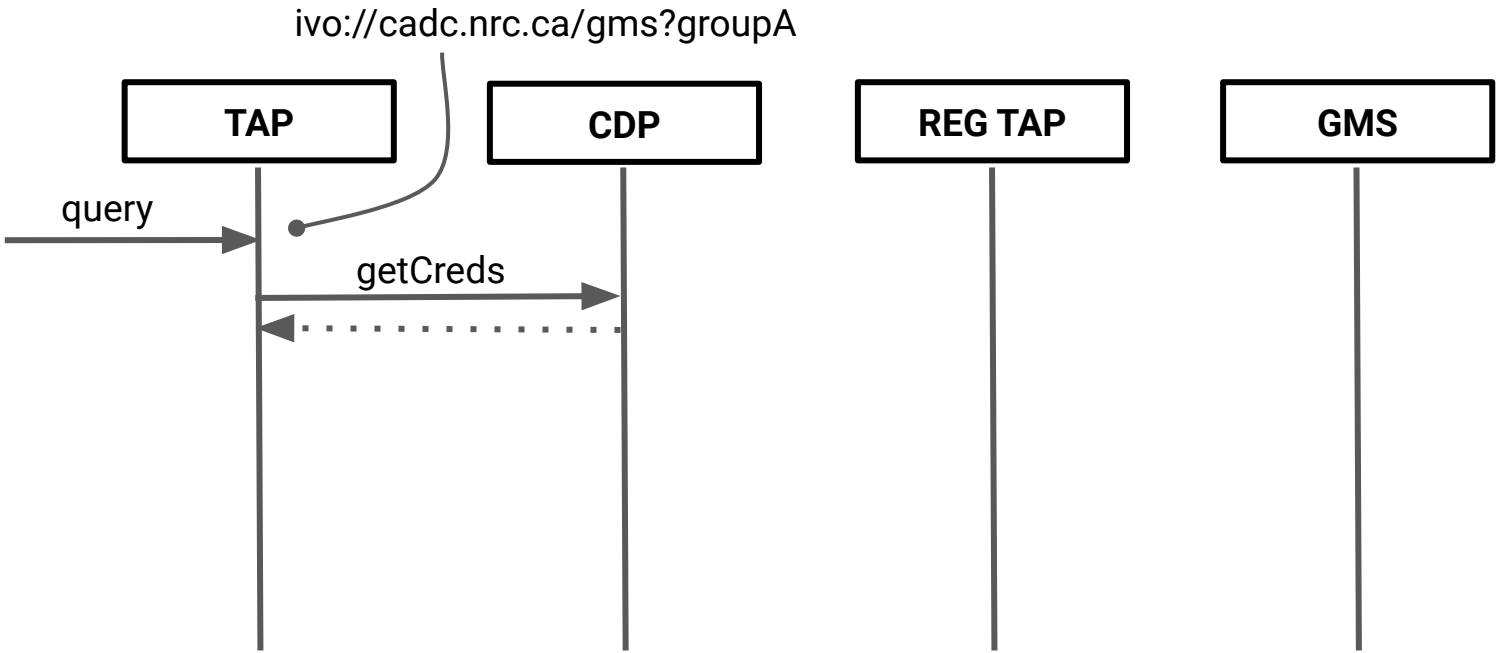
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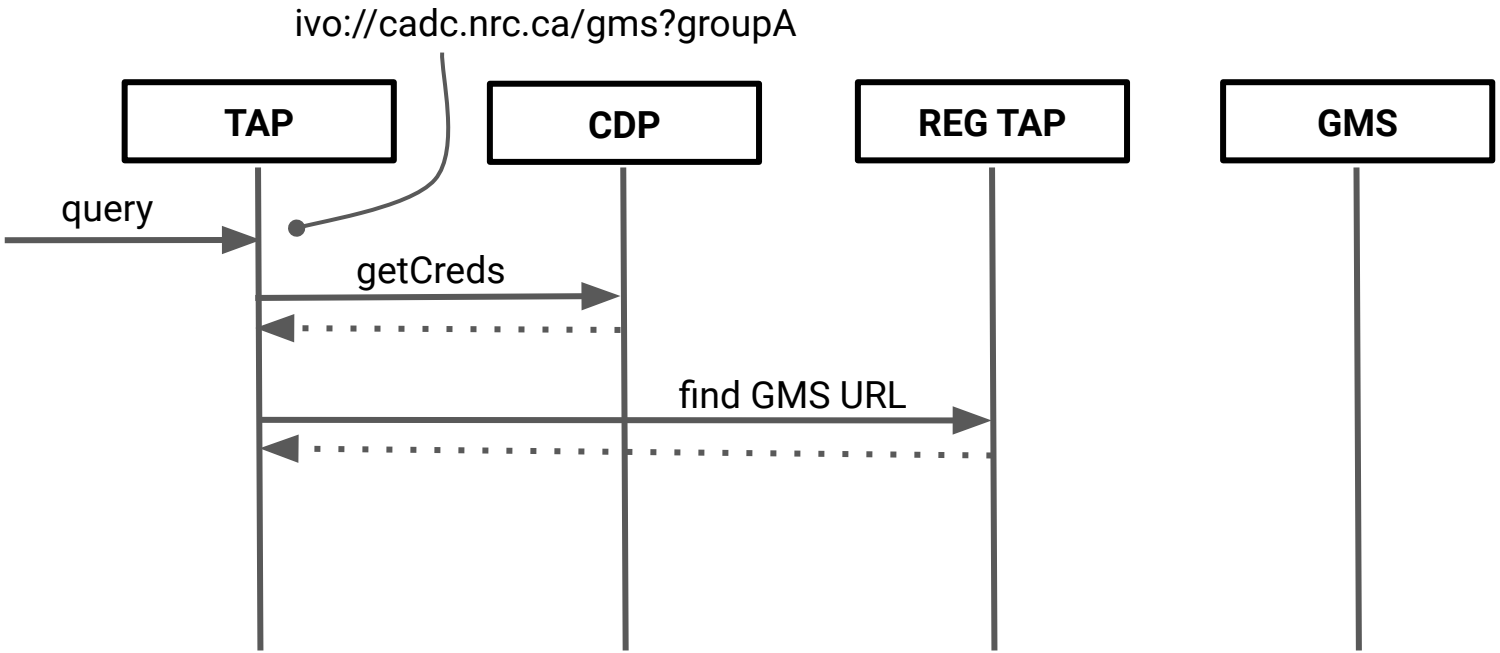
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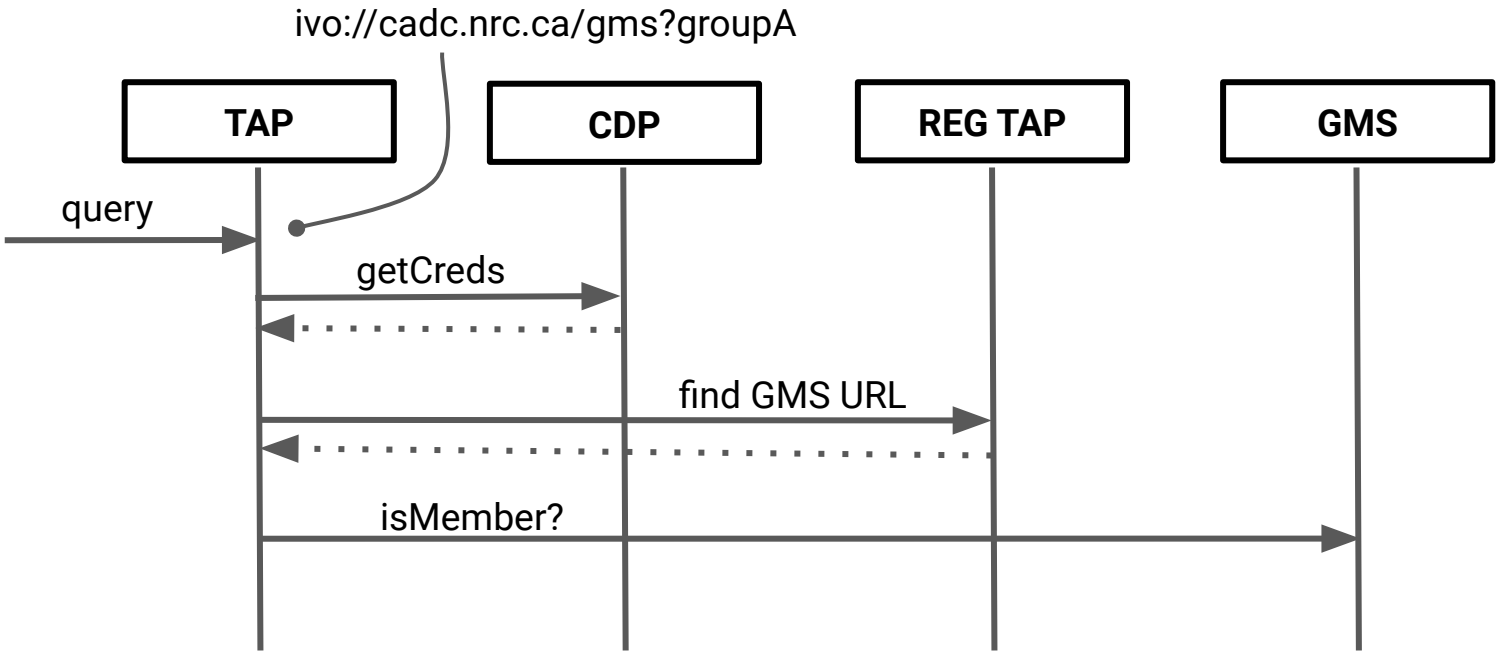
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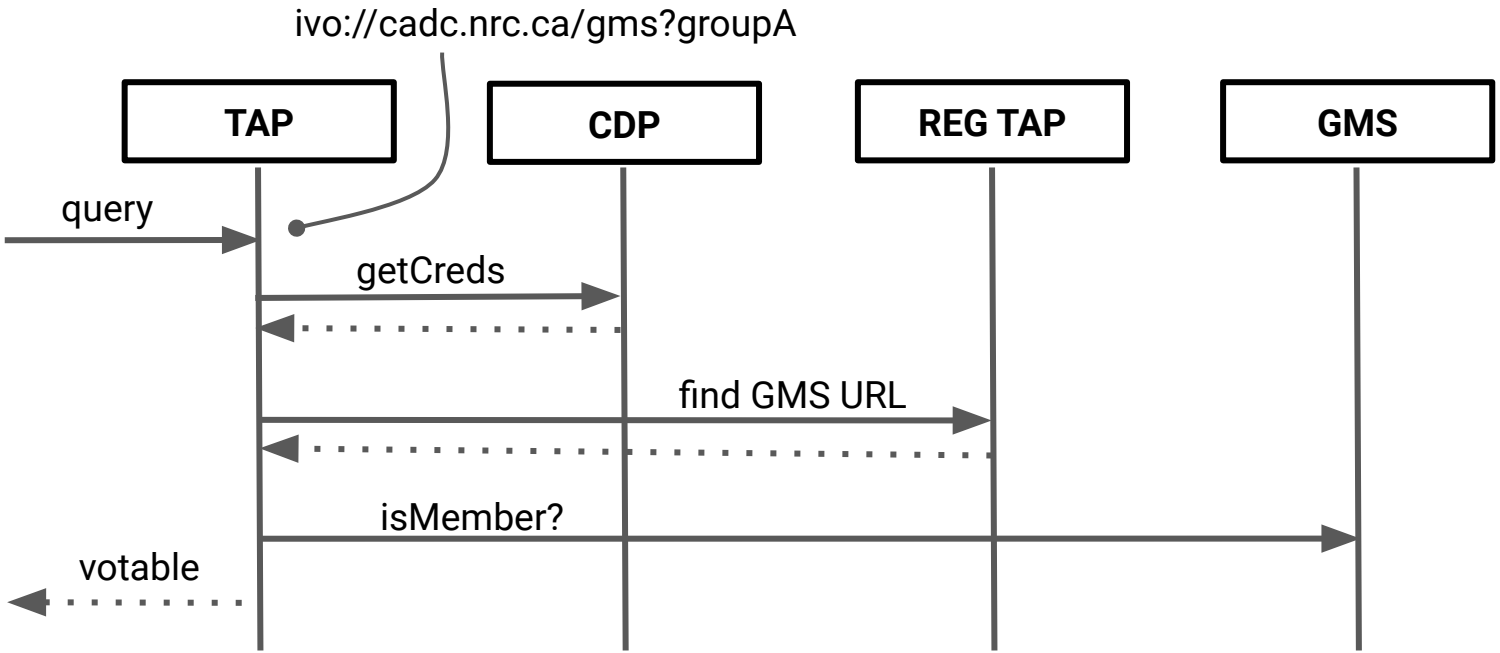
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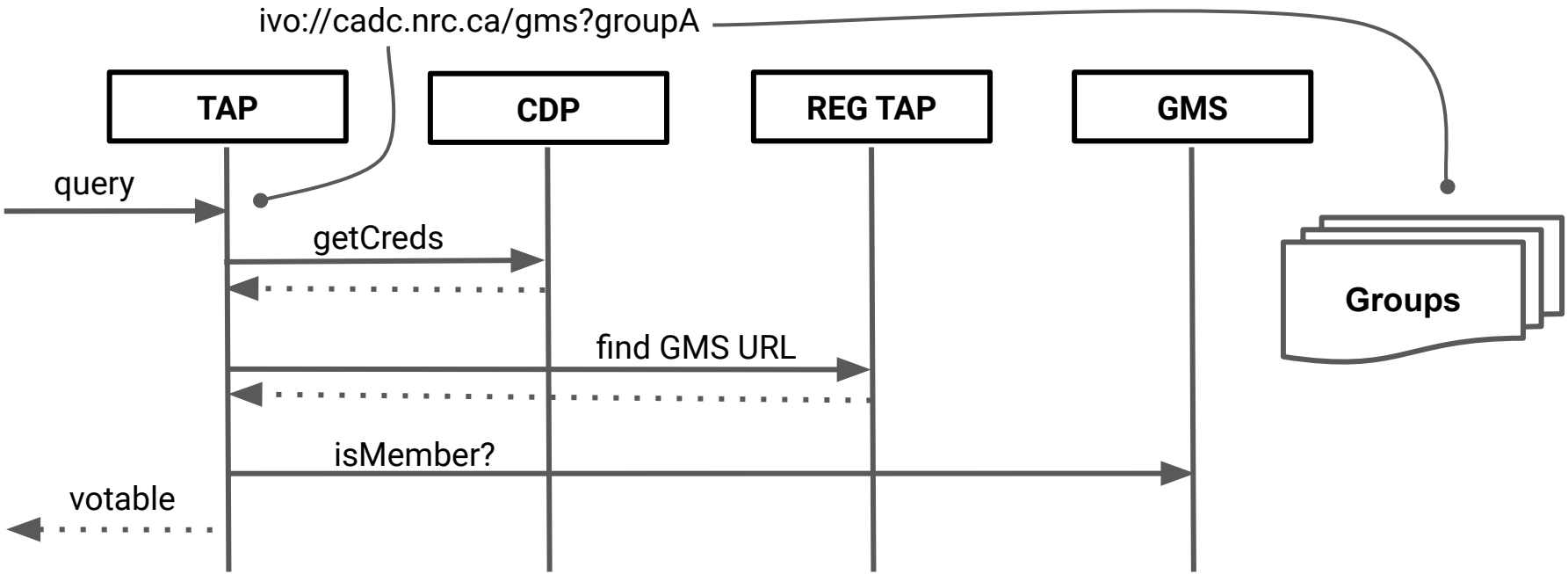
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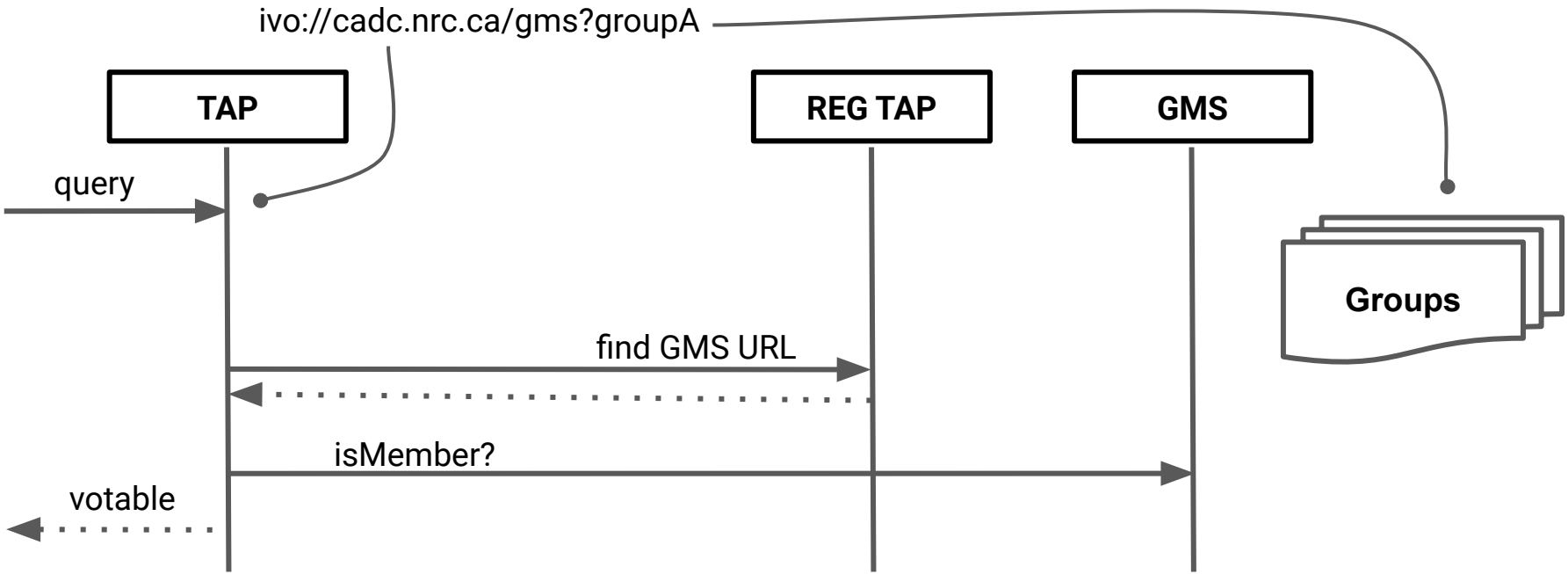
Groups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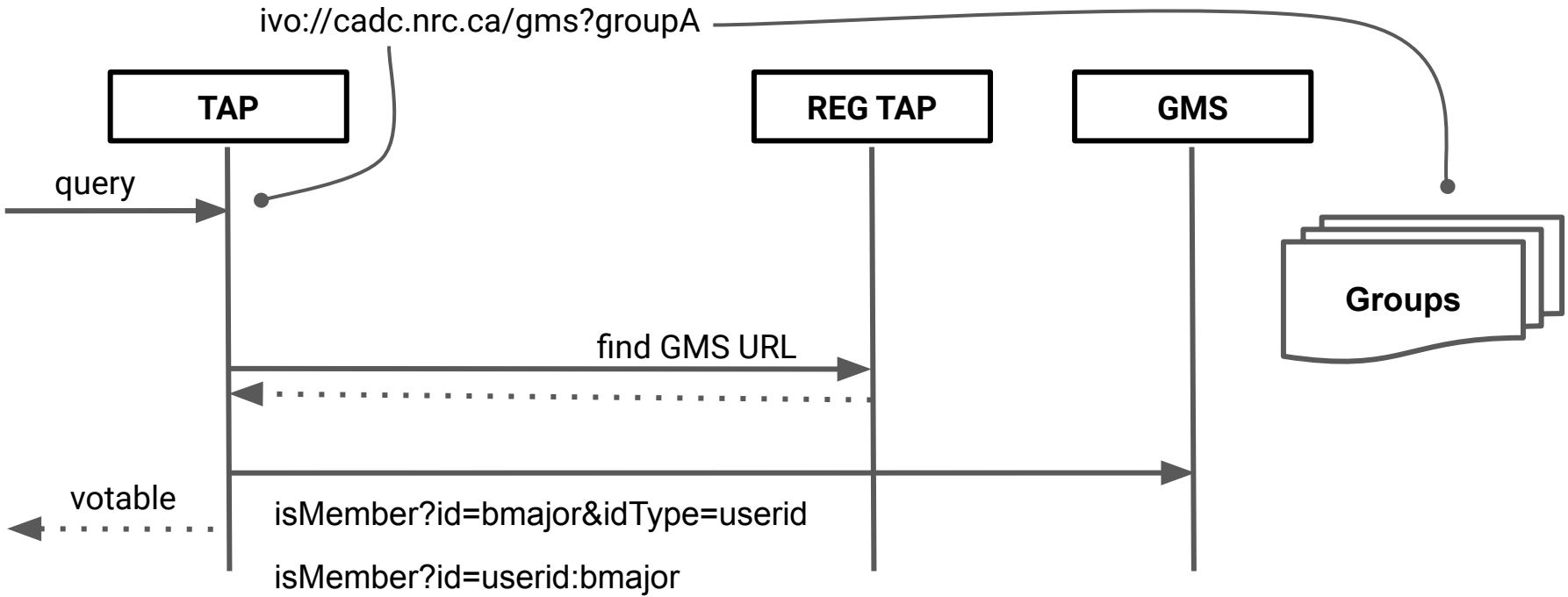
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isMember?id=bmajor&idType=userid
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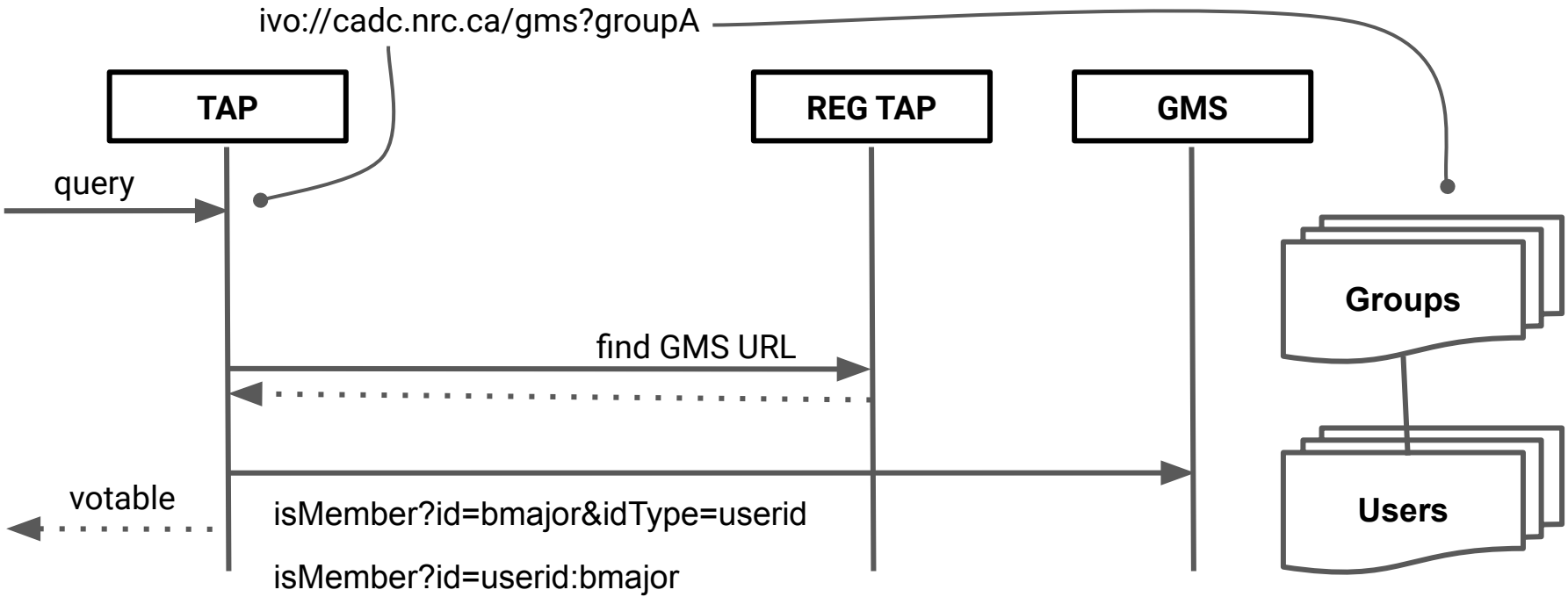
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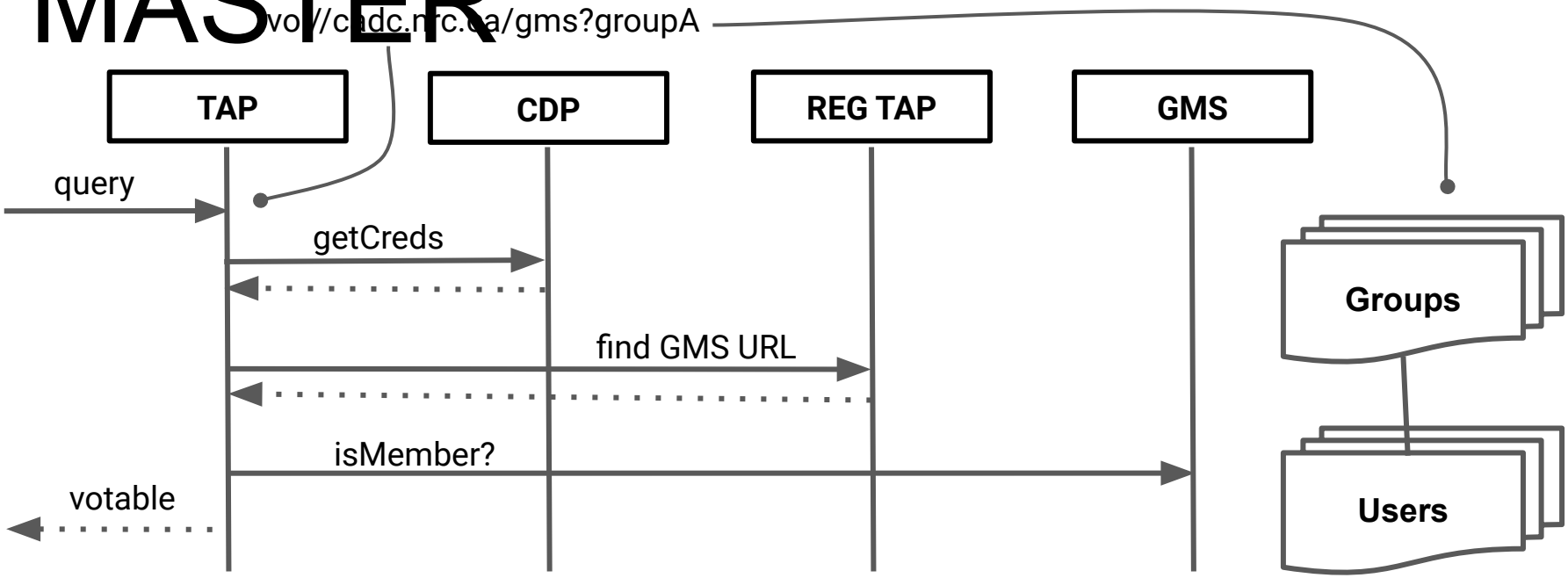
isMember?id=userid:bmajor
Groups
Users

MASTER



isMember?id=bmajor&idType=userid

isMember?id=userid:bmajor

User Identification and Scope

1. How should users be identified in the GMS REST API? Should they relate to the auth methods described in SSO?

2. What is the extent or realm of a user identifier?

    a. With the existence of identity providers, is it enough to keep their scope local to the group membership service?

    b. Can groups reference remote users?

    c. What if the internal representation of groups referenced remote groups? (transitive memberships)