

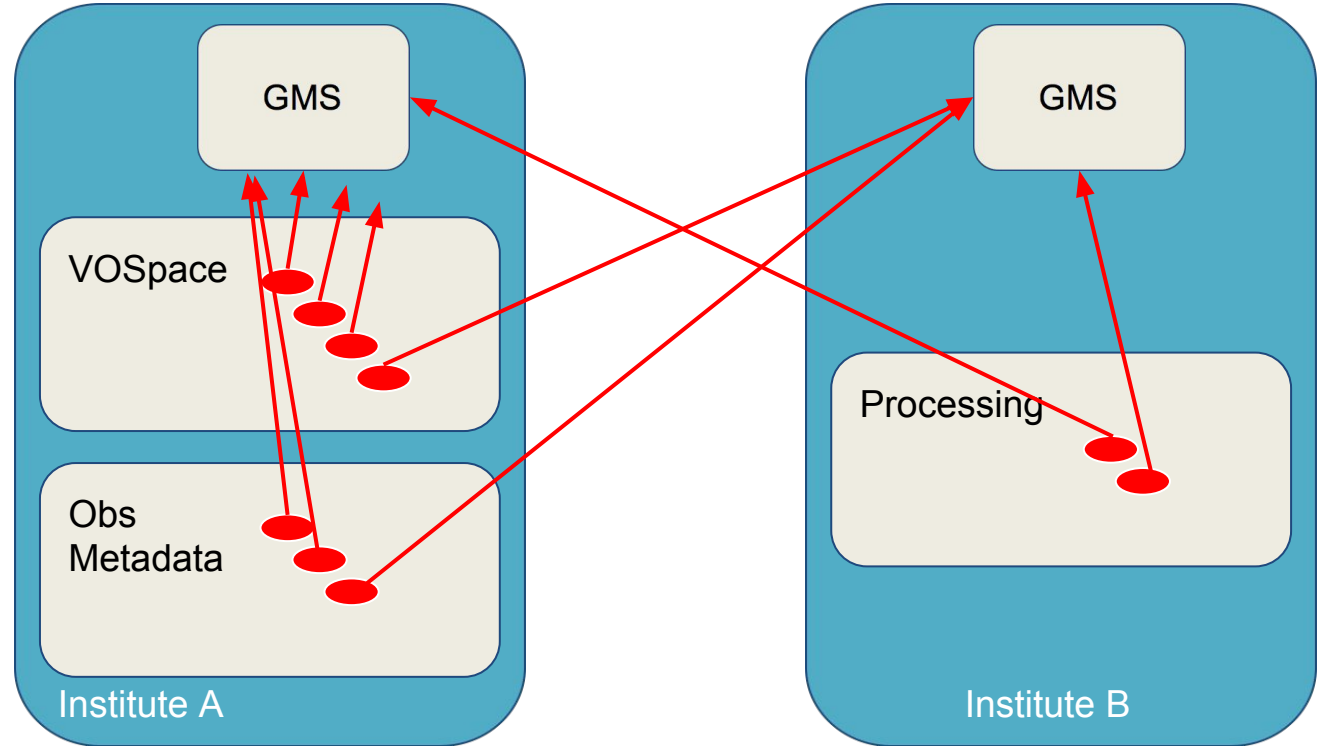
The background of the slide is a large, blue-tinted image of a satellite dish. The dish is positioned on the left side, with its parabolic surface reflecting light. To the right, there is a large, cylindrical structure, possibly a telescope or a large antenna, with a complex metal framework. The overall scene is set against a dark, blue sky.

# Group Membership Service 1.0 Working Draft

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# Interoperable Authorization



# GMS Search API

Is this user a member of group {groupName}

```
GET /search/{groupName}
```

Returns 200 (OK) if yes, 403 (Permission Denied) if no

Give me the list of group names for this user

```
GET /search
```

Returns 200 (OK) with a text/plain list of zero or more groupNames

# GMS Search API

(Optional) user identification parameter(s)

```
userid={userid}&idType={idType}
```

or, id and type as a URI:

```
id={idType:userid}
```

eg:

```
id=x509:cn=bmajor,ou=cadc,o=nrc,c=ca
```

# Interoperable 'granting' part of GMS?

Create a group, add a member, remove a member:

```
PUT /groups/{groupName}
```

```
PUT /groups/{groupName}/{userID}
```

```
DELETE /groups/{groupName}/{userID}
```