

The background of the slide is a blue-tinted image. On the left, there is a large satellite dish antenna with a complex support structure. On the right, there is a large, multi-tiered dome structure, possibly a radio telescope or a large storage tank. The overall scene is set against a dark blue sky.

Group Membership Service 1.0 Working Draft

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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}
```