Group Memberships

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Current Problems

- Group memberships are represented by multi-valued attributes that can commonly have hundreds of thousands of values.

- Pagination in SCIM only applies to responses containing multiple resources, and a single resource cannot be paginated.

- The potentially large size of groups combined with the inability to paginate membership data makes managing large group memberships impractical.
Specific Problems

- Pagination
- Tracking membership changes
Potential Solutions

- Protocol extension to introduce pagination for all multi-valued attributes
  - draft-hunt-scim-mv-filtering-00 (ietf.org)

- Schema extension to introduce group memberships as a resource
  - /GroupMembers or /Groups/<id>/members

- Protocol/Schema extension to introduce mechanism to represent any multi-valued attribute as a resource
  - /Groups/<id>/members
  - /Users/<id>/entitlements