SCIM Soft Delete Draft

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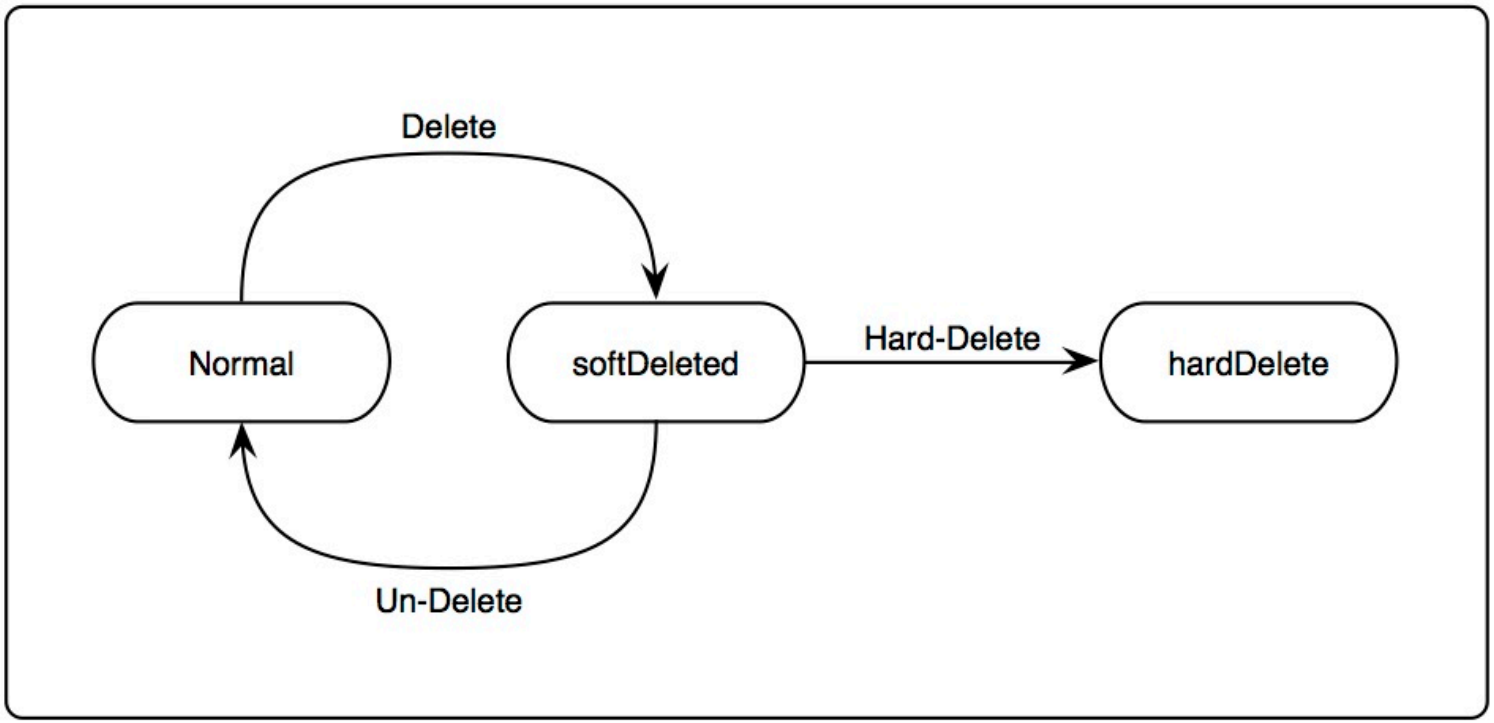
Use Cases

- Maintaining object references
  - SCIM user uploads a file to a file SaaS provider, after user is deleted, it is desirable to show user's display name as the creator of the file
  - Comments made by another SCIM user should preserve the name of the user after delete
- Restoration after accidental delete
  - Administrator makes a mistake and accidentally removes all users, a create would brake all links to previously created/referenced objects

Basic Concept

- With Soft delete extension enabled:
  - Basic SCIM operations continue to operate as defined by the core spec
    - Get would get an object
    - Delete seem to delete an object
    - Get does not return a deleted object
    - Modify/Patch can’t modify/patch a deleted object
  - Operations with extended semantics allow manipulation of soft deleted objects
    - Get can get soft deleted objects
    - Delete can be used to “really” delete an object
    - Modify/Patch can be used to modify/patch deleted objects
    - Special Modify extensions allow to undelete an object

Basic Concept



Uniqueness/Namespace

- Once an object is soft deleted, its “name” can be reused by another object
- Restore of an object may require resolving conflicts that may arise as a result
- Similarly, reference attributes require special handling
  - Out of date references
  - Complexity of maintaining the data

Discussion

- Question:
  - Does the working group want to adopt soft delete as a WG item?
  - Is the current concept a good straw man proposal to start the work?