SCIM Soft Delete

Nov. 2014
Morteza Ansari

IETF NOTEWELL

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution".

Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

The IETF plenary session

The IESG, or any member thereof on behalf of the IESG

Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices

Any IETF working group or portion thereof

Any Birds of a Feather (BOF) session

The IAB or any member thereof on behalf of the IAB

The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

Introduction

- Delete semantic:
 - Option 1: Add/Del/Add of user "Jack" Succeeds
 - Option 2: Add/Del/Add of user "Jack" returns 409
- Option 1:
 - Broken linkage for sites that store content
 - Inability to "undelete" user "Jack" after an accidental
 Del
- Option 2:
 - Inability to really delete user "Jack"
 - Inability to recycle userName

Use Cases

- Allow client to opt for "hard" delete vs. "soft" delete
- Allow client to undelete a soft deleted object
- Allow client to get/search for soft deleted objects
- Define uniqueness semantics for the soft/hard deleted objects

Proposal to SCIM WG

- Develop extensions and semantics for
 - Soft/Hard delete options
 - Undelete
 - Get/Search for soft deleted objects