

IETF91 SCIM Core Specs Update

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Cloud Identity Provisioning Standard

- SCIM – System for Cross-domain Identity Management
 - RESTful provisioning of users from enterprise to cloud service providers
 - Quickly emerging as preferred identity access protocol
 - Participation: Oracle, Cisco, Microsoft, PingIdentity, SFDC, Sailpoint, UnboundID
 - Web site: www.simplecloud.info
- History
 - 1.0 Dec 2011, under Open Web Foundation License
 - 1.1 July 2012, cleanup and inter-op issues
 - 2.0 Aug 2012 to now, under IETF
 - Simplified JSON/REST based, maturing, inter-op
 - Oct 2014 WG Consensus
- Implementation (registered)
 - SCIM 1.1: 22 (17client, 26 server)
 - SCIM 2.0: 3 Prototypes(public) + Oracle (3+) and others

SCIM v2 Summary

- RESTful* / JSON
- Extensible ResourceTypes and Type extensions
- Filters for Multi-Value Complex Attributes
- Postel's Law Processing
 - Be flexible on what is accepted
 - Mutability processing rules
 - SPs not required to preserve case
 - Return final representation in response
- Returned Attributes
- Secure Search (via POST)
- Support for JSON PATCH (JSON 6902)
- Standardized errors
- Encoding, Mime-type & IANA Registrations
- Bug fixes and clarifications