



OPERATIONS IG

IVOA INTEROP MEETING

TUCSON, ARIZONA

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CHAIR: STEVE GROOM

VICE-CHAIR: TAMARA CIVERA

Operations IG Preview, Tucson, 12 November 2023

OPERATIONS PRESENTATIONS

Service monitoring and validation

- NAVO service monitoring service uptime metrics and plotting performance over time
 - Service uptime and compliance monitoring
 - Tracking service performance over time, tested from several different AWS regions, helps reveal insights behind performance changes or abnormal conditions
 - Open to requests for improvements, changes. Also seeking to understand what users find most helpful.

OPERATIONS PRESENTATIONS - 2

Service monitoring and validation

- Euro-VO weather report
 - updates in standards support
 - many SCS and SIA1 services show warnings due minor UCD issues
 - May2023 update to SIA2 checks resulted in reduced warning rates
 - SSA compliance hindered by incomplete registry information, utypes etc
 - Many TAP services get warnings or fail due to minor issues, involving tap_schema, bad column names, or HTTP response headers

OPERATIONS PRESENTATIONS - 3

Service monitoring and validation

- Improving Validator resources
 - IVOA Maintained list of validators, software resources
 - Utilizing validators during service development
 - Employing validation during CI/CD processes

OPERATIONS DISCUSSION TOPICS

Operations requirements of authentication

- Resource monitoring, agency requirements
- Interoperability across deployments
- Needs for resource management, agency compliance, sometimes out of provider's control
- Helpful to have support in client packages that deal with many server methods