

R30 Impact and Requirements

ANDS Online Services Release 30 is due for implementation on Tuesday, 4 December 2018. Please find below the summary of all Release 30 changes with an overview of who, what and how the changes will impact our users.

Research Data Australia (RDA)

Change: Promote visibility and enhance display of collection type 'software' in RDA

- Details:
 - Addition of a 'Type' facet in the collection search that allows users to filter by software and data.
 - New software icon and label in the title bar on the RDA view page.
 - Change the 'Access the Data' button label to 'Access the software' in a software record view page.
 - Addition of a 'Software' theme page and associated Explore menu item.
 - In the Contributor Page, add 'Software' to the organisation's list of contributed records
- Impact: (low)
 - The new search facet will allow users to easily limit search results to either software or data only.
 - The new software icon and label in title bar will allow users to visually distinguish software from data.
 - The 'Access the software' access label will not confuse people as to what type of object is being accessed.
 - The addition of 'Software' in the Explore menu will provide users with an easy access to software records.
 - The number of software contributed by the organisation will be easily identified and accessible from the Contributor Page.
- Action required:
 - No action required from RDA users and no immediate required from RDA contributors. Contributors who wish make their software records accessible in RDA should plan to include these records in their existing data source(s).
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.

Change: Fix bug where citationMetadata version is not included in citation text.

- Impact: (low) Version will be displayed in citation text and included in exports to EndNote.
- Action required:
 - No action required from RDA users.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.

Change: Hide 'Also known as' label under the record title if an alternative name is empty or not used

- Details: If alternative name is empty or is not used in the record, do not display 'Also known as:' under the record title in RDA record view page
- Impact: (low) RDA users who have noticed the display of this label in RDA record view page will no longer be confused with what the labels means or why it exists in RDA.
- Action required: No action required. Display will be automatically corrected when the records have been reindexed after the release.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes: [Online Services Technical Updates](#)

Change: Optimise relationship graph for better performance and stability.

- Details: Performance improvements will be made to the indexing, querying and caching functionality of the graph to improve response times and stability.
- Impact: (low) Graph load times and stability will be improved.
- Action required:
 - No action required from RDA users.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.

RDA Registry

Change: Add service discovery workflow into Data Source Dashboard import options

- Details:
 - Functionality that allows users to extract OGC services from within their metadata feeds will be added to the Data Source Dashboard import options.
 - Upon running the process, the system will attempt to find OGC service ('wms', 'wfs', 'ogc', 'wcs', 'wps', 'wmts' & 'ows') URLs within the current published collections within the datasource. Where the system can successfully communicate with a discovered service via a 'getCapabilities' request, the system will generate a RIF-CS record and import it into the data source as a draft record. Users can then review and edit the generated records before publishing them.
- Impact: (low) The service discovery workflow is self-service and users will need to initiate the process via their Data Source Dashboard. The quality of the metadata for the service records relies on the quality of the information that can be retrieved from 'getCapabilities' requests. Users should ensure they review the generated records and where necessary edit before publishing.
- Action required: No immediate action is required.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes: [Online Services Technical Updates](#)

Change: Rewrite of OAI-PMH service to improve performance and fix memory issues.

- Impact: (low)
 - The OAI service URL will be pointed to the new service and will remain unchanged.
 - The rewrite will fix the issue where the service runs out of memory when generating large OAI sets e.g all collection records.
 - New sets will be added which provide naming consistency and allow users to fetch sets by id. Note that the new service will support all sets from the previous service but will only show the new set names when performing a 'ListSets' request.
- Action required: No immediate action is required.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes:
 - [Online Services Technical Updates](#)
 - The Content Providers Guide (CPG) has been updated with these new requirements

Research Vocabularies Australia

Change: Ensure a user-friendly message is returned from the Registry API 'Search' endpoint when the 'filtersJson' parameter is not passed in the request body.

- Details: The current implementation of the 'Search' endpoint returns a 500 Internal Server error response when the parameter is not passed. This change will ensure a more appropriate message is returned.
- Impact: (low) The 'filtersJson' parameter will be changed from optional to mandatory.
- Action required: No immediate action is required.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes: [Online Services Technical Updates](#) and [Vocabulary Registry API Methods](#)

IGSN Service

Change: Prevent the IGSN OAI-PMH service from producing a '500 Internal Server Error' when geospatial information is not populated in an IGSN.

- Impact: (low) OAI users will now be able to request the metadataPrefix 'oai_dc' without encountering errors.
- Action required: No immediate action is required.
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes: [Online Services Technical Updates](#)

Other Changes

Change: Broken Link Tool: Update the link extraction process to ensure that the correct URLs are extracted and eventually checked when the tool runs

- Details: Unescape links during link extraction
- Impact: (low) False-positives will be minimised when the broken links report is generated because the tool will be tested against a more accurate list of URLs in RDA.
- Action required: No action required
- Communications and Support:
 - Release announcements will be sent to ANDS staff, Data Source Administrators, ANDS partners, and general users.
 - Documentation will be published with updated procedures and release notes: [Online Services Technical Updates](#)

If you have any questions or comments, please email services@ardc.edu.au