



**National
Data Network**

The National Data Network: update on progress to AGSF

October 2004

The National Data Network..

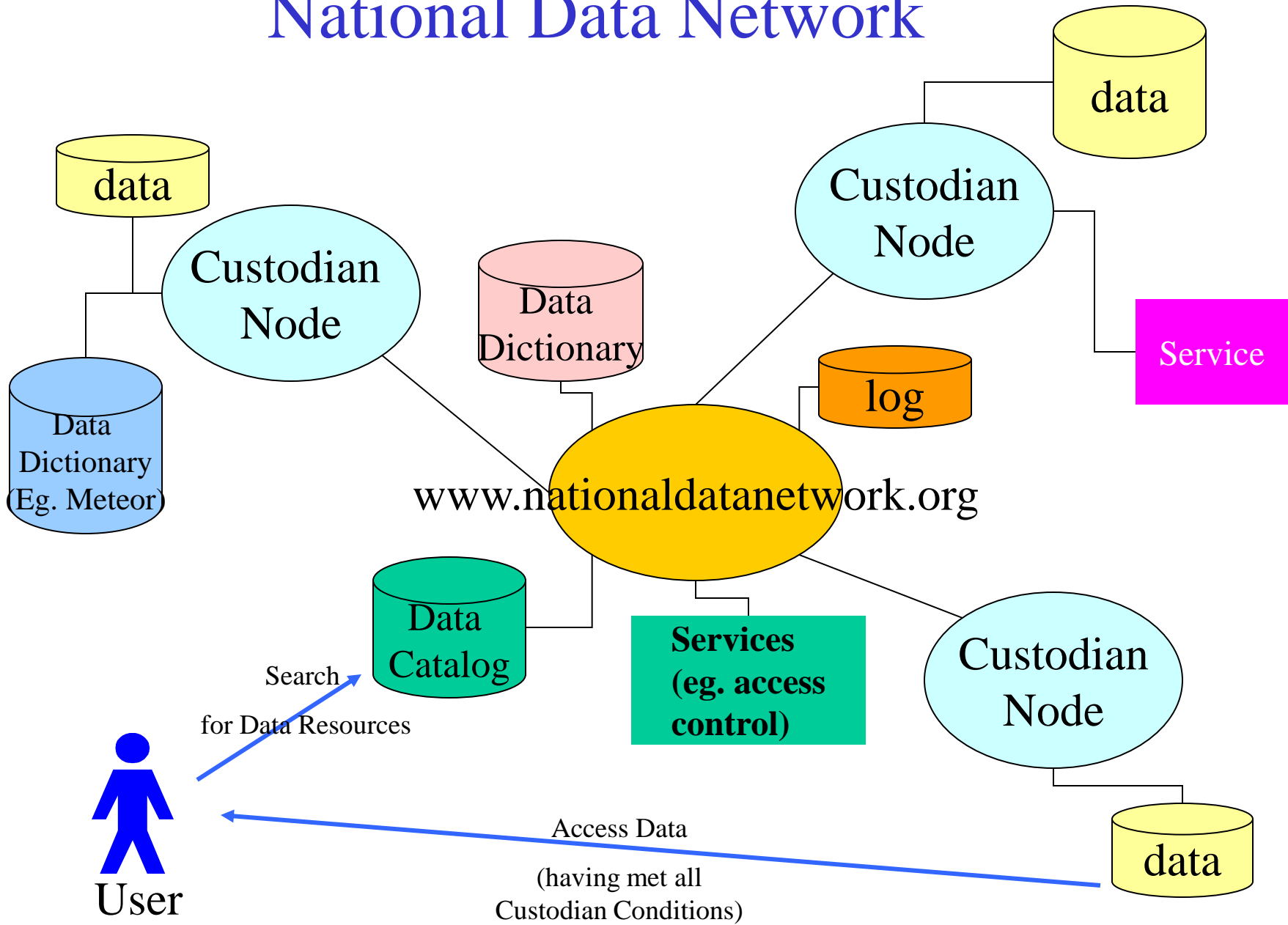
... will link and share data so that the best use can be made of our national information resources without compromising standards of privacy or intellectual property

- Multi-jurisdiction and multi-sector in scope
- Shared facilities and standard protocols which will be well understood by a large body of custodians and analysts/researchers
- Supports a range of data access arrangements (with strong privacy/ confidentiality protection)
- Services as well as data

A “distributed custodianship” approach...

- Data Custodians will remain in full control of their data.
- Major Data Custodians will operate “NDN Nodes” which will:
 - Contribute metadata to a central catalog of data and services
 - Manage access to data and services held/operated by the custodian

National Data Network



The ABS Mission

We assist and encourage informed decision-making, research and discussion within governments and the community, by providing a high quality, objective and responsive national statistical service.

ABS Corporate Plan
Objective #1:

An expanded and improved national statistical service

The ABS will collaborate with others to develop a “Demonstration NDN” in 2004/5

- National Data Network Website established
- demonstration nodes established with “relevant” data
- Services:
 - Search
 - Access services working (including Remote Analysis)
 - Coding

Getting Started..A “demonstration NDN”

Work is progressing on three “fronts”:

- governance, protocols, priorities, resources
- infrastructure development
- early adopter custodian enlistment

Progress – Governance, Plans

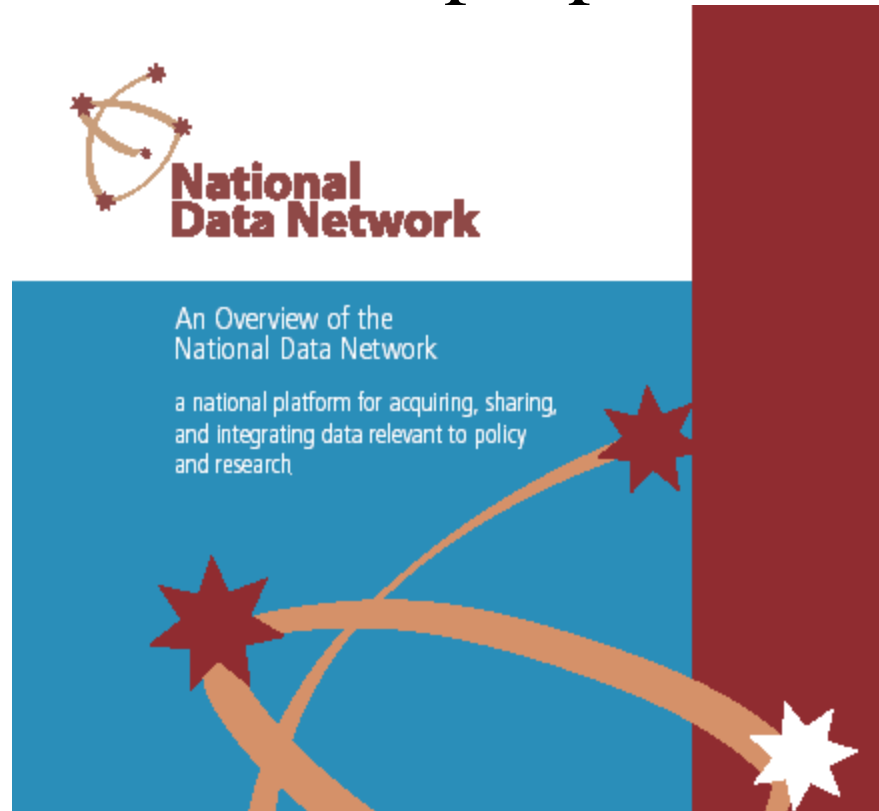
- **Interim Governing Board**
 - Invitation sent to prospective members
 - First meeting scheduled for 9 December 2004.
It will discuss governance arrangements, principles, priorities.
- ABS project team assembled, project plan developed

Progress – Standards, Architecture

- Draft “Specification” document almost complete (detailed technical description of the NDN)
- We have been discussing our architecture with some other networks and projects - “Notional Architecture” for Australian Spatial Data Infrastructure, Information Qld project
- A Metadata Workshop (convened by AGIMO) will be held on 8 November.

Progress

- “Exposure Draft” Overview produced and being distributed quite widely.
- Newsletter sent to 130+ interested people



We have been out talking to many potential custodians..

- The response has generally been very positive
- We have several agencies expressing interest in participating
- Acceptance of the ABS role in the NDN and the need for something like the NDN is high

Issues raised..

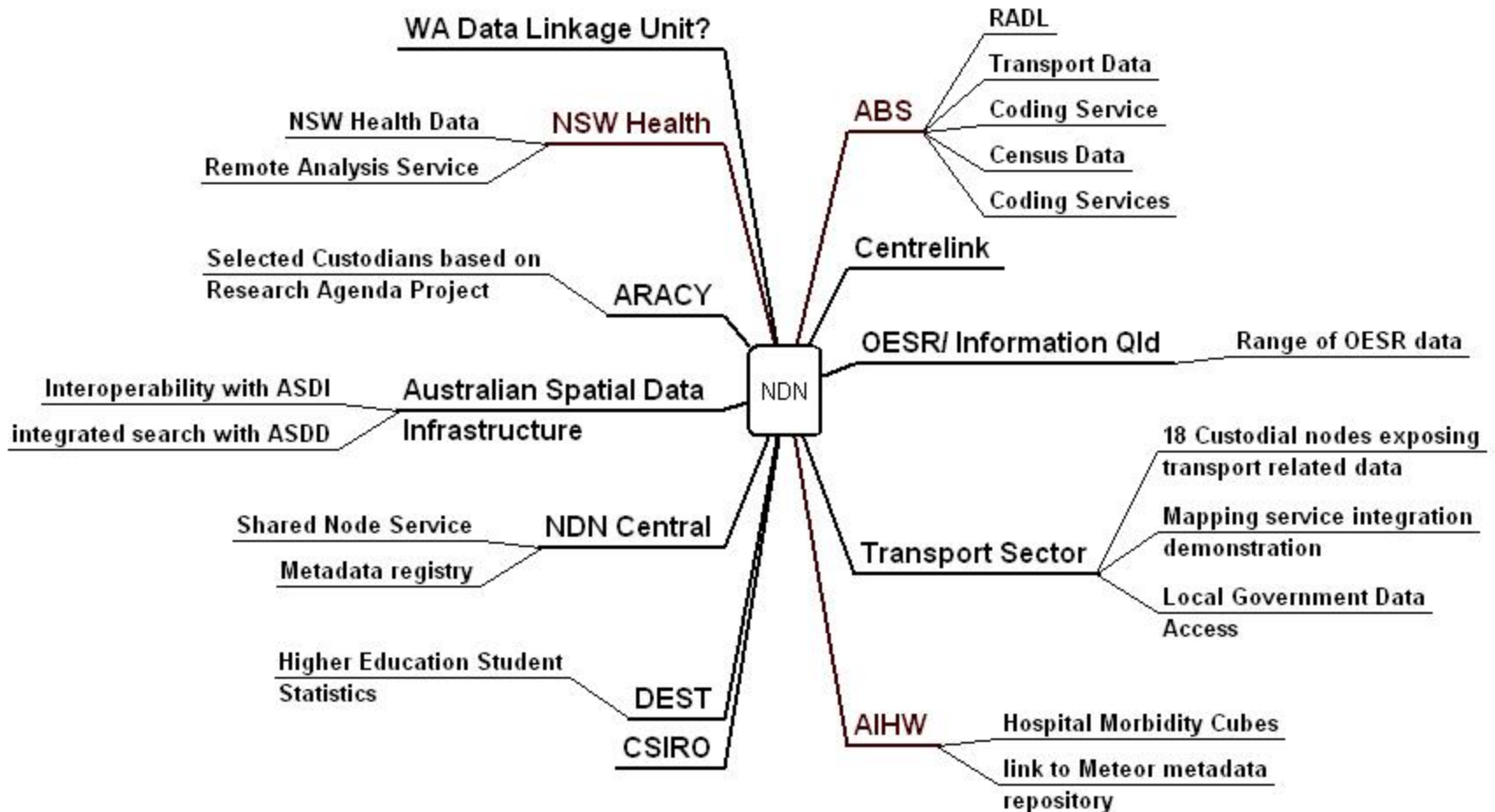
- Concerns that have been expressed are mainly in these areas:
 - What will it cost me to participate and what are the benefits?
 - How does the NDN fit with other networks and initiatives such as Australian Spatial Infrastructure, Information Qld?
 - We want to author metadata only once/ have a “single point of truth”
 - What standards are you using and why?

Next stage is to sign-up early adopters via a “statement of intent”

The Statement of Intent will help clarify who is doing what and why, timeframes, liabilities, resources.

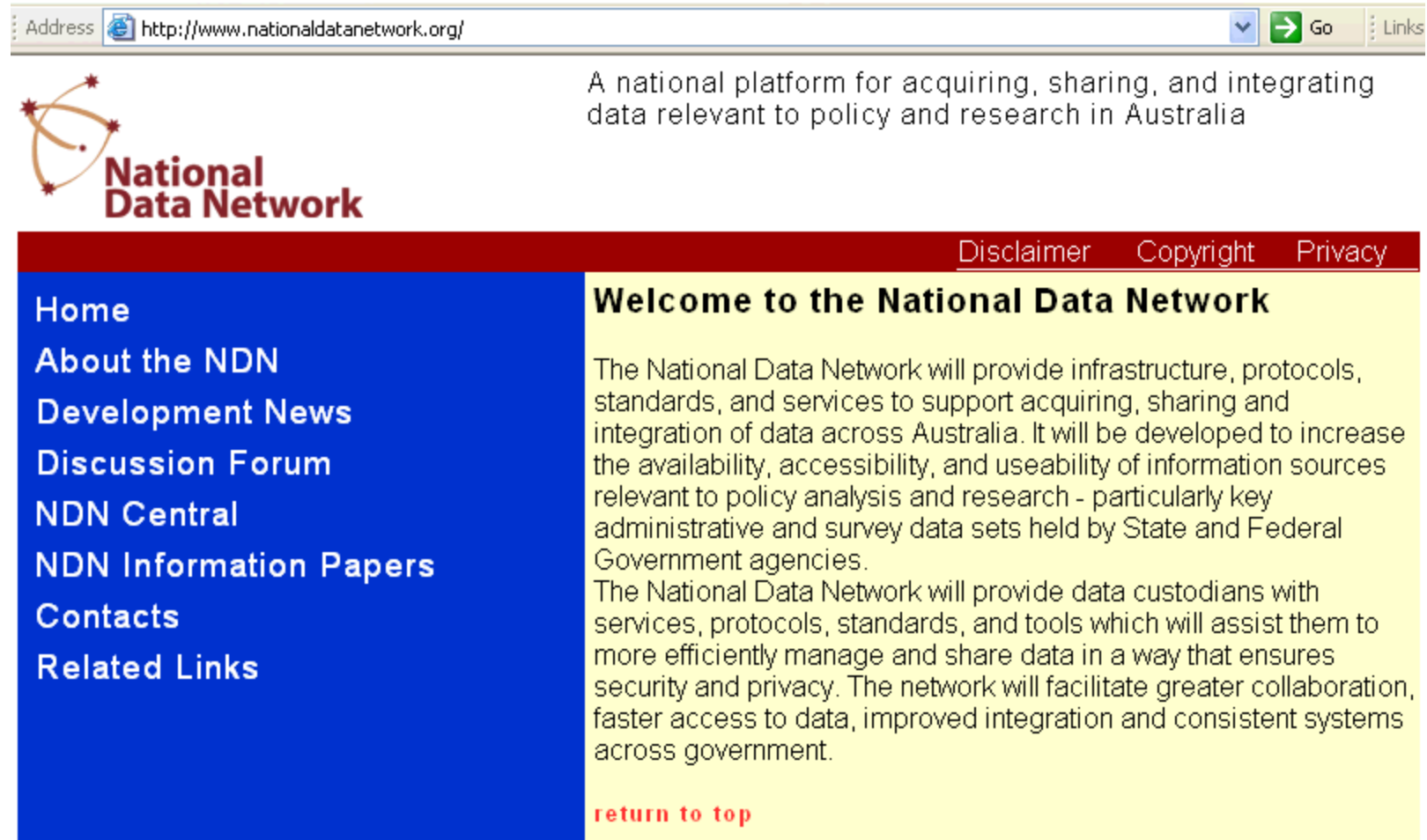
- First candidate is AIHW (draft almost ready to send)

NDN Initial Implementation Candidates






Progress

- NDN Website established



The screenshot shows a web browser window with the address bar containing <http://www.nationaldatanetwork.org/>. The page features the National Data Network logo, which consists of a stylized network diagram with nodes and connecting lines, and the text "National Data Network" in a bold, sans-serif font. Below the logo is a navigation menu with a dark blue background and white text, listing: Home, About the NDN, Development News, Discussion Forum, NDN Central, NDN Information Papers, Contacts, and Related Links. To the right of the navigation menu is a yellow content area with the heading "Welcome to the National Data Network" and two paragraphs of text. The first paragraph describes the network's purpose: to provide infrastructure, protocols, and services for acquiring, sharing, and integrating data across Australia, with a focus on increasing the availability, accessibility, and useability of information sources relevant to policy analysis and research, particularly key administrative and survey data sets held by State and Federal Government agencies. The second paragraph describes the network's services: to provide data custodians with services, protocols, standards, and tools to more efficiently manage and share data in a way that ensures security and privacy, and to facilitate greater collaboration, faster access to data, improved integration, and consistent systems across government. At the bottom of the yellow area is a red link labeled "return to top". Above the navigation menu is a dark red bar with white text links for "Disclaimer", "Copyright", and "Privacy".

Address  <http://www.nationaldatanetwork.org/>  Go  Links



A national platform for acquiring, sharing, and integrating data relevant to policy and research in Australia

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Welcome to the National Data Network

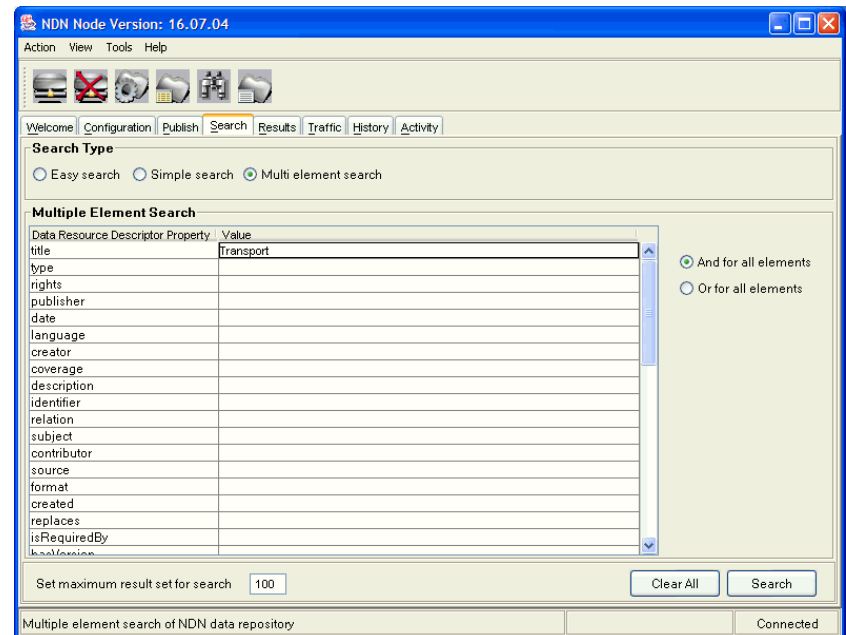
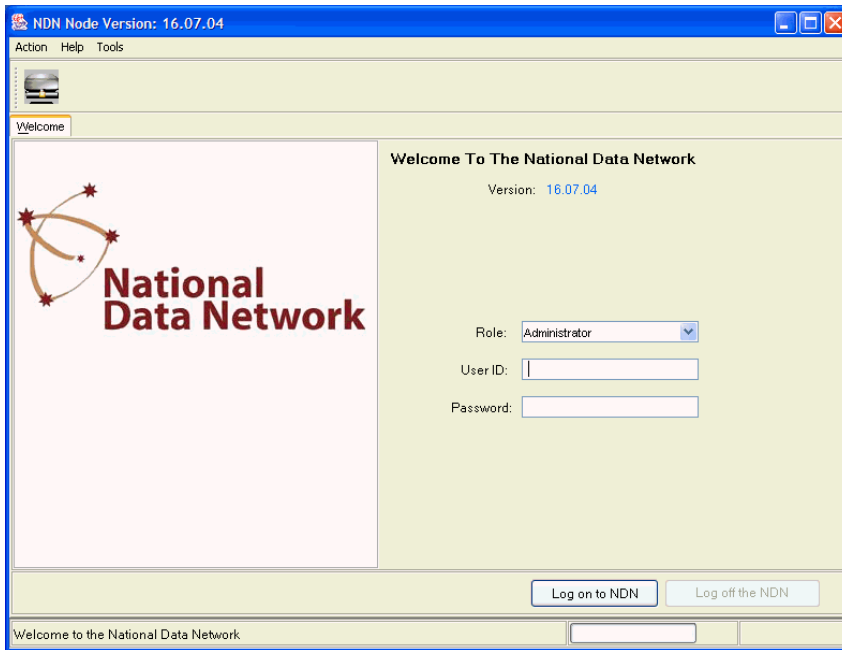
The National Data Network will provide infrastructure, protocols, standards, and services to support acquiring, sharing and integration of data across Australia. It will be developed to increase the availability, accessibility, and useability of information sources relevant to policy analysis and research - particularly key administrative and survey data sets held by State and Federal Government agencies.

The National Data Network will provide data custodians with services, protocols, standards, and tools which will assist them to more efficiently manage and share data in a way that ensures security and privacy. The network will facilitate greater collaboration, faster access to data, improved integration and consistent systems across government.

[return to top](#)

Progress

- NDN prototype software developed and being demonstrated..





**National
Data Network**

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