



# EGI FedCloud Task Force Demo

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# Demo Team

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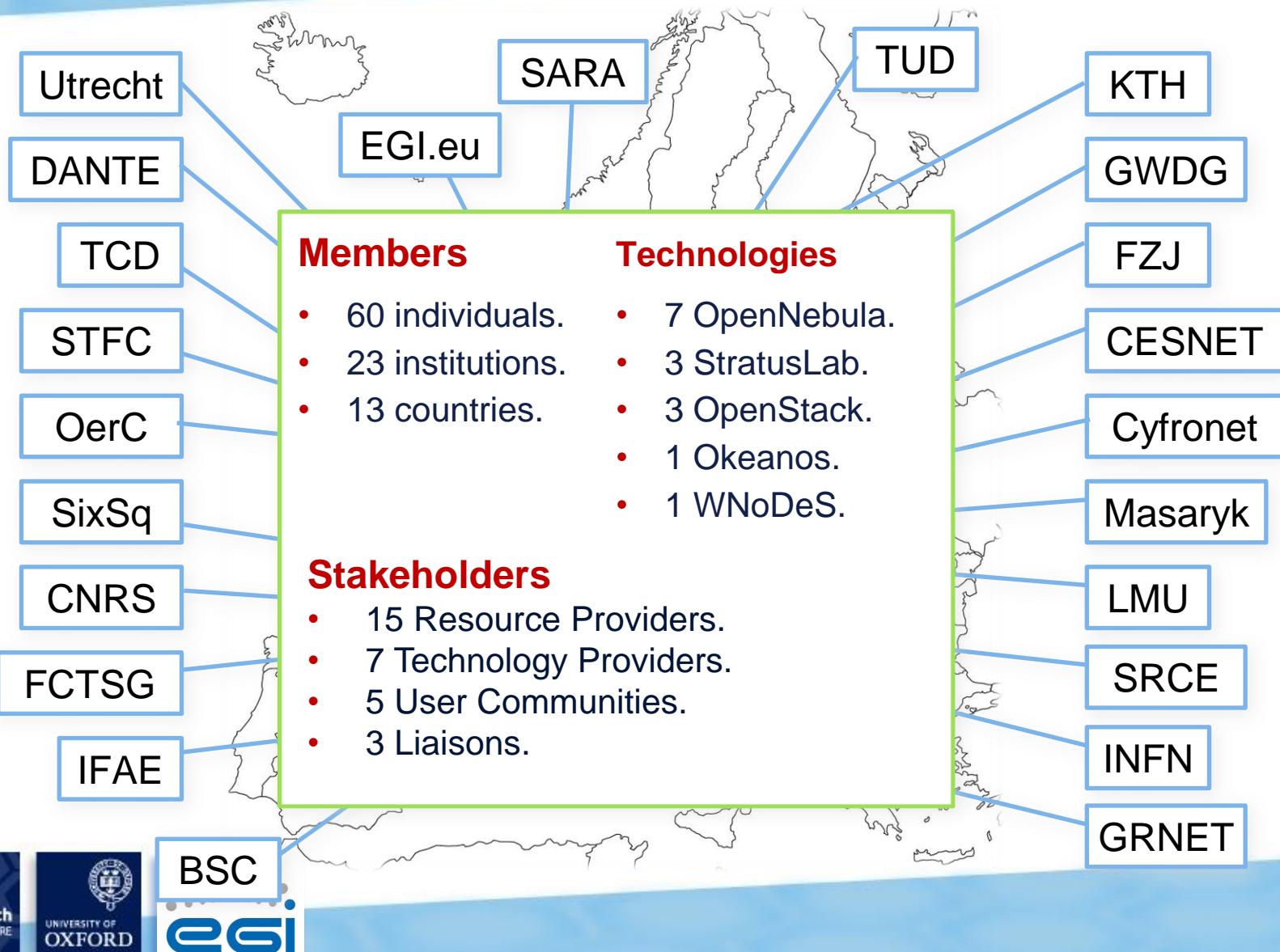
# Task Force Mandate and Organisation

- **Mandate:** 18 months, September 2011 – March 2013.
- **Activities:** divided into 3 blocks of 6 months each.
- **Workgroups:**
  - working units within the Task Force.
  - Investigate a specified set of capabilities for a federation of clouds.
  - Have leaders and collaborators.
- **Workbenches:** sections of the TF Wiki site collecting and documenting the activities of each workgroup.
- **Meetings:** weekly conference call. F2F every 3 months.

<https://wiki.egi.eu/wiki/Fedcloud-tf>

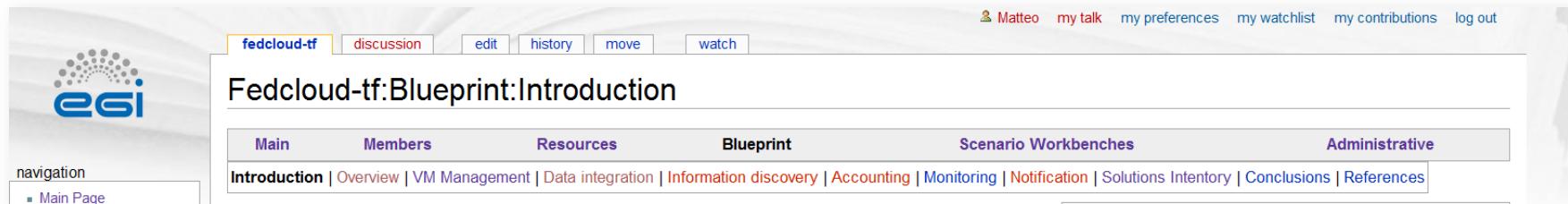


# Task Force Members and Technologies



# Task Force Deliverables

## Blueprint document



The screenshot shows a Wikipedia-style page titled "Fedcloud-tf:Blueprint:Introduction". The page has a header with tabs for "fedcloud-tf", "discussion", "edit", "history", "move", and "watch". Below the header is a navigation bar with links to "Main", "Members", "Resources", "Blueprint" (which is highlighted in blue), "Scenario Workbenches", and "Administrative". A secondary navigation bar below the main one includes links to "Introduction", "Overview", "VM Management", "Data integration", "Information discovery", "Accounting", "Monitoring", "Notification", "Solutions Inventory", "Conclusions", and "References". On the left side, there is a sidebar with the "egi" logo and a "navigation" section containing a link to "Main Page".

<https://wiki.egi.eu/wiki/Fedcloud-tf:Blueprint>

## FedCloud test bed

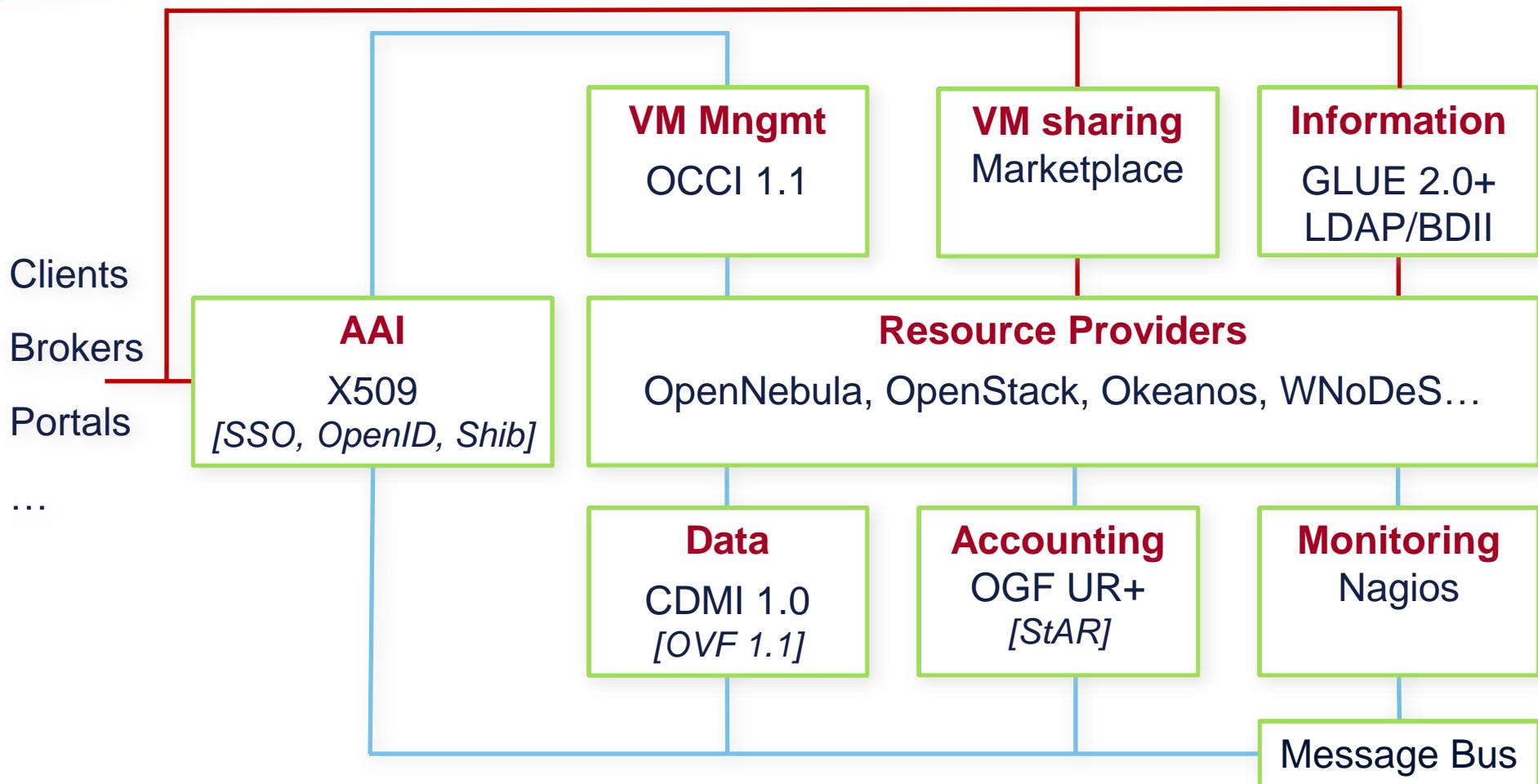


The screenshot shows a Wikipedia-style page titled "Fedcloud-tf:Testbed". The page has a header with tabs for "Fedcloud-tf" and "Discussion". Below the header is a toolbar with "Read", "Edit", "View history", "Go", and "Search" buttons. A secondary navigation bar includes links to "Main", "Members", "Blueprint", "Test bed" (which is highlighted in blue), "Work groups", "User Communities", "Outreach", and "Administrative". On the left side, there is a sidebar with the "egi" logo and a "Navigation" section containing links to "Main page", "Community portal", "Recent changes", "Random page", and "Help". A content box titled "Technologies" contains the text: "The federation test bed does not mandate what VMM its resource providers should use. The federation adopts a set of well-defined functionalities and (standard) interfaces that every provider is free to implement independently." To the right of the content box is an "edit" button and a "Contents [hide]" section with a numbered list of links: 1 Technologies, 2 How to obtain an account for the test bed, 3 Endpoints, 4 Resource Providers inventory, 5 Technology Provider inventory, and 6 Cloud Resources Status.

<https://wiki.egi.eu/wiki/Fedcloud-tf:Testbed>



# Federation Test bed



# Demo – BNCweb

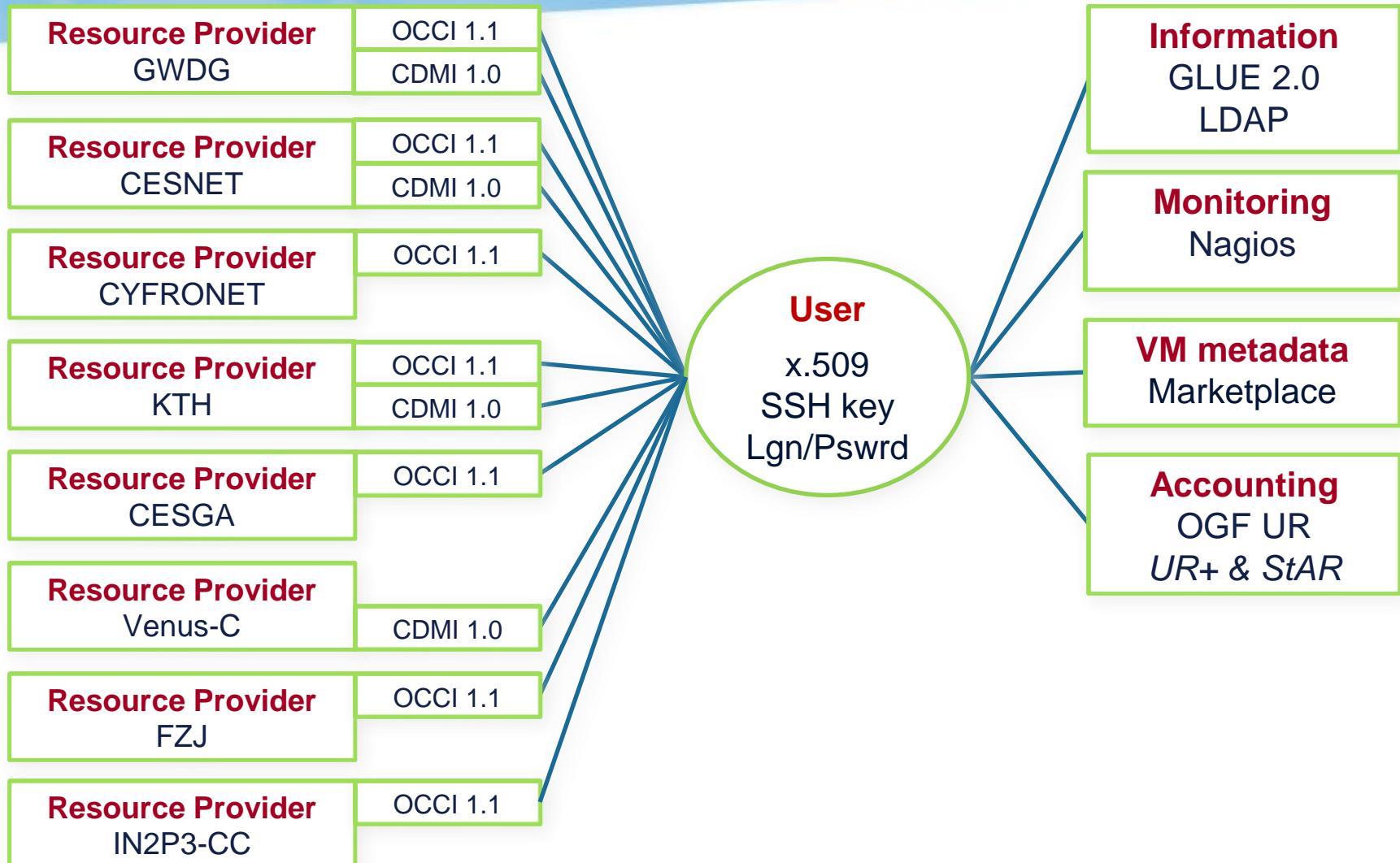
## BNCweb (CLARIN)

- Interface to the British National Corpus (100ml words).
- Widely used in a wide variety of computational linguistic applications.
- Searching the text and exploiting the detailed textual metadata.
- Open source project, freely available for educational and research purposes.

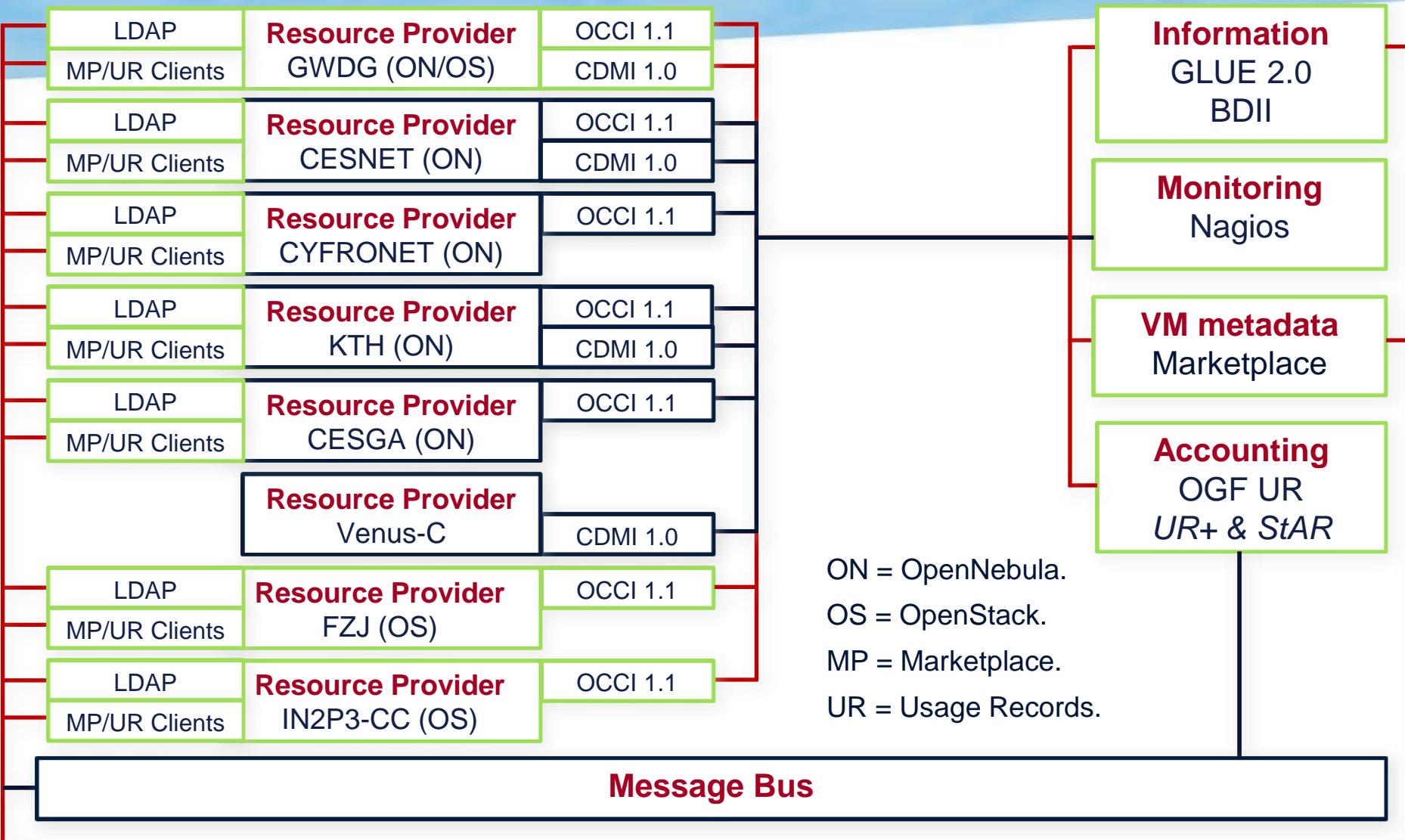
## Use cases

1. Teaching a masters course in 'Exploring English Usage' in October-November 2012, and 'Corpus Linguistics' in February-March 2013.
2. Federated search in the CLARIN European e-Infrastructure.
3. Build additional web services on top of BNCWeb, e.g. adding improved visualizations of the search results.

# Demo Use Case



# Demo Federation View



# Conclusions

## Integration

- Third cycle of the TF, 6 months into March 2013.
- Requirements for the integration of the test bed into the EGI infrastructure.
- OCCI client and first broker deployment.
- Focus on use cases.
- Opening of the test bed to early adopters.

## Task Force resources

- Mailing List: [fedcloud-tf@mailman.egi.eu](mailto:fedcloud-tf@mailman.egi.eu)
- Wiki site: <http://go.egi.eu/tf-fedclouds>
- GitHub: <https://github.com/EGI-FCTF>
- Indico site: <https://www.egi.eu/indico/categoryDisplay.py?categoryId=56>



# Thank you

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