

Criteria for Standing Up a DataONE Member Node

This document provides guidance for the DataONE project on prioritizing deployment of new Member Nodes that require some resources from the DataONE project in order to become operational. It is not meant to restrict the pool of potential candidates that may bring their own resources to bear on the process of participation as a Member Node.

Size and visibility of the community represented by the candidate Member Node

The collections are significant or enable new science or both

- Fills significant gaps in the content available through DataONE
- The data are unique data in the broader community
- Collections are strong in breadth, depth, or both

The candidate brings significant contributions to the DataONE resource base, including:

- Strategic partnerships
- Professional expertise in managing data, computing, administration, etc.
- Synergistic services (e.g., TeraGrid)
- New funding streams or other sustainability enhancing resources
- Technical resources such as storage capacity, bandwidth, and processing power
- Compatibility with DataONE services, minimizing cost of deployment

The candidate adds diversity to the collective membership of DataONE such as through:

- Geographic diversity: a new state or region, new country, new continent
- Under-represented group
- Linguistic and cultural diversity
- Different type of institution
- Diversity of funding sources

The candidate offers compliance with best practices and standards, including:

- Quality assurance
- Data sharing policies
- Metadata creation
- Security