2012-07-16 – Summer Joint Techs

Eric Boyd

Internet2 Performance Portal
Aaron’s Reason For Missing Joint Techs

- Ashlynn Denise Brown – Born 2012-06-17 (5 weeks early)
Internet2 Services are comprised of several complementary pieces

- **Advanced Network Services**
  - Backbone (R&E IP, TR-CPS, Advanced Layer2)
- **Net+**
  - InCommon, The Commons, Cloud, ...
- **Member Services**
  - Meetings, Workshops, Collaborations, etc..
Internet2 Portal

- The Internet2 portal will allow members to see how Internet2 services are used
- Vision is to provide a single location to pull all Internet2 service information together
Internet2 Portal Plan

- Create a user configurable environment
  - Control-panel displaying services of interest to the specific user based on InCommon identity
  - Different levels of data access based on member institution assertions

- First portal application shows status of network services
  - Additional services to be added over time
Network Services Portal

• Shows utility of the network (from member perspective)
  – How is the backbone network being used?
  – How is my institution used the network?
• Demonstrated at Spring Member Meeting
  – Solicited feedback about privacy concerns from the community
Concerns were raised about who could view members’ network traffic.

We made changes based on community feedback.

Network data about an organization is restricted to the users of that organization.
  - Plan to allow organizations to authorize other users to see their network data.

Flow information for the overall top users of the Internet2 backbone is anonymized.
  - The anonymization is at the state and country level (e.g. instead of a flow starting at UC Berkeley, it’d be listed as starting from ‘California, United States’).

Eventually, we may be able to relax some of these restrictions if individual institutions agree to make their data available more widely.
Anonymous Access

Network Portal

Members | About

<table>
<thead>
<tr>
<th>Arkansas State University</th>
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Map Satellite
Authenticated Access

Network Portal

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Map | Satellite
Authenticated Access – Global View
Authenticated Access – Member View
Internet2 Portal Plans

- Integrate more Internet2 network services
  - e.g. Advanced Layer2 services, etc.
- Integrate non-network member services
  - e.g. Membership, Meeting Information, etc.
Community Input

• Do you know which Internet2 services your organization is using?
• How your users are utilizing those services?
• What Internet2 services do you need more visibility into?
• What concerns do you have if this information is made more available?
• What parts of your universities/organizations would find this interesting?
  – Users/Researchers?
  – Network Engineers?
  – CIOs?
• What might be interesting in the future?
  – Would integration/correlation with university local data be interesting?
• Please send your feedback to aaron@internet2.edu
  – Looking for Pilot users.
  – Results/Recommendations will be shared with AOAC.
INTERNET2 PERFORMANCE PORTAL

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Thank you! For more information, please visit www.internet2.edu