University

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Academic Year (AY) 2010-2011

**Bandwidth (Mbps)**

A. **Current Internet Gateway Size:**
   75 Mbps
   a. Admin – 30 Mbps
   b. Dorms – 45 Mbps

B. **Additional Needed for New Academic Year:**
   10 Mbps
   a. Admin – 10 Mbps
   b. Dorms –

C. **Total Internet Gateway for New Academic Year:**
   85 Mbps
   a. Admin – 40 Mbps
   b. Dorms – 45 Mbps

D. **Will these new Totals forestall Internet service degradation (periods of flatlining and/or high latency) for the entire AY?** No guarantee. Typically our residence halls can consume all the network capacity that is provided.

E. **Will your campus implement SaaS (Software as a Service) this AY whose traffic will traverse Internet2?** A prime example is Microsoft’s LIVE@.edu. Estimates on time of implementation and traffic volume?

**Comments:**

We have been on Microsoft’s LIVE@edu since 2005. This is for our students only. No other SaaS is planned at this time.
SSHEnet Capacity Planning 2010-2011

Other Services

Total

IP Networks

<table>
<thead>
<tr>
<th>IPv4 Licenses</th>
<th>Number</th>
<th>IPv6 Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>In use = 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Needed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

157.62.0.0

Class B

Class C

Class C

Internet2

# Classes using
0

# Special Projects
0

# Grants tied to access
0

# Bandwidth requests

# Purpose

Bandwidth needed

Videoconferencing

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model Number</th>
<th>Number</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polycom</td>
<td>4000</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sony</td>
<td>PCS-G50</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Polycom</td>
<td>128</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Number of Distance Education classes using SSHEnet

0

Videoconferencing Comments:
### Partnerships

<table>
<thead>
<tr>
<th>Project</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dormitory connection</td>
<td>ISP:</td>
</tr>
</tbody>
</table>

### Please list other projects affecting SSHEnet (e.g. residence halls)?

<table>
<thead>
<tr>
<th>Project</th>
<th>Impact</th>
</tr>
</thead>
</table>

### Comments