APNIC 2022 Survey
Appendix B

Survey Data Tables &
Segmentation by Region & Classification of Economies
Overview

This Appendix B provides the full results for all questions asked in the 2022 APNIC Survey.

These are presented as full frequency and/or mean scores. When analysing the survey data, please note that the results have been cross-tabulated by respondents’ relationship with APNIC (Member or Stakeholder), APNIC sub-region (East Asia, Oceania, South East Asia and South Asia) and Classification of Economies (Least Developed Economies (LDEs)) or Other (Developed or Developing)).

Questions marked with an asterix (*) were asked only of APNIC Members. Individual responses from economies associated with non-APNIC regions were excluded.
Q2. What type of organization do you work for?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>1,622</th>
<th>1,061</th>
<th>561</th>
<th>269</th>
<th>275</th>
<th>454</th>
<th>486</th>
<th>395</th>
<th>1,089</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Service Provider (ISP)</td>
<td>28%</td>
<td>37%</td>
<td>13%</td>
<td>22%</td>
<td>23%</td>
<td>31%</td>
<td>36%</td>
<td>41%</td>
<td>26%</td>
<td></td>
</tr>
<tr>
<td>Academic/Educational/Research</td>
<td>17%</td>
<td>12%</td>
<td>24%</td>
<td>17%</td>
<td>13%</td>
<td>17%</td>
<td>17%</td>
<td>12%</td>
<td>18%</td>
<td></td>
</tr>
<tr>
<td>Telecommunications/Mobile operator</td>
<td>11%</td>
<td>12%</td>
<td>9%</td>
<td>19%</td>
<td>10%</td>
<td>9%</td>
<td>10%</td>
<td>9%</td>
<td>12%</td>
<td></td>
</tr>
<tr>
<td>Government/Regulator/Municipality</td>
<td>7%</td>
<td>6%</td>
<td>10%</td>
<td>4%</td>
<td>10%</td>
<td>9%</td>
<td>6%</td>
<td>10%</td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td>Hosting/Data centre</td>
<td>6%</td>
<td>7%</td>
<td>3%</td>
<td>12%</td>
<td>7%</td>
<td>5%</td>
<td>3%</td>
<td>3%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Banking/Financial</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>3%</td>
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<td>6%</td>
<td>6%</td>
<td>9%</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td>Enterprise/Manufacturing/Retail</td>
<td>5%</td>
<td>4%</td>
<td>5%</td>
<td>4%</td>
<td>7%</td>
<td>4%</td>
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<td>3%</td>
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<tr>
<td>Software vendor</td>
<td>4%</td>
<td>3%</td>
<td>6%</td>
<td>2%</td>
<td>3%</td>
<td>4%</td>
<td>5%</td>
<td>3%</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td>Non-profit/NGO/Internet community</td>
<td>4%</td>
<td>2%</td>
<td>7%</td>
<td>3%</td>
<td>4%</td>
<td>3%</td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
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</tr>
<tr>
<td>Domain name registry/Registrar</td>
<td>1%</td>
<td>1%</td>
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<td>0%</td>
<td>2%</td>
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<tr>
<td>NREN/Research network</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
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<td></td>
</tr>
<tr>
<td>Hardware vendor</td>
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<td>1%</td>
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<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>Infrastructure (transport/hospital)</td>
<td>1%</td>
<td>1%</td>
<td>2%</td>
<td>0%</td>
<td>2%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>Industrial (construction, mining, oil)</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
<td>2%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>Internet Exchange Point (IXP)</td>
<td>1%</td>
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<td>1%</td>
<td>0%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>Media/Entertainment</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
<td>6%</td>
<td>10%</td>
<td>5%</td>
<td>12%</td>
<td>6%</td>
<td>6%</td>
<td>4%</td>
<td>8%</td>
<td></td>
</tr>
</tbody>
</table>
Q3. What is your role within the organisation?

<table>
<thead>
<tr>
<th>Role</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>1,622</td>
<td>1,061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1089</td>
</tr>
<tr>
<td>Network/Systems Operations Engineer/Manager</td>
<td>35%</td>
<td>36%</td>
<td>31%</td>
<td>40%</td>
<td>40%</td>
<td>31%</td>
<td>34%</td>
<td>33%</td>
<td>36%</td>
</tr>
<tr>
<td>Network/Systems Planning Engineer/Manager</td>
<td>28%</td>
<td>31%</td>
<td>22%</td>
<td>33%</td>
<td>28%</td>
<td>28%</td>
<td>24%</td>
<td>23%</td>
<td>30%</td>
</tr>
<tr>
<td>IT Support</td>
<td>19%</td>
<td>18%</td>
<td>20%</td>
<td>14%</td>
<td>20%</td>
<td>20%</td>
<td>19%</td>
<td>20%</td>
<td>18%</td>
</tr>
<tr>
<td>Manager</td>
<td>14%</td>
<td>16%</td>
<td>11%</td>
<td>17%</td>
<td>10%</td>
<td>16%</td>
<td>16%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>Academic/Research</td>
<td>10%</td>
<td>6%</td>
<td>19%</td>
<td>13%</td>
<td>6%</td>
<td>11%</td>
<td>10%</td>
<td>7%</td>
<td>11%</td>
</tr>
<tr>
<td>CEO/COO/CFO</td>
<td>9%</td>
<td>11%</td>
<td>7%</td>
<td>7%</td>
<td>12%</td>
<td>7%</td>
<td>11%</td>
<td>11%</td>
<td>9%</td>
</tr>
<tr>
<td>CTO/CIO</td>
<td>8%</td>
<td>10%</td>
<td>5%</td>
<td>6%</td>
<td>12%</td>
<td>6%</td>
<td>9%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Product/Peering/Interconnect Engineer/Manager</td>
<td>8%</td>
<td>8%</td>
<td>6%</td>
<td>10%</td>
<td>8%</td>
<td>7%</td>
<td>5%</td>
<td>4%</td>
<td>9%</td>
</tr>
<tr>
<td>Project Manager</td>
<td>6%</td>
<td>5%</td>
<td>7%</td>
<td>7%</td>
<td>4%</td>
<td>6%</td>
<td>6%</td>
<td>4%</td>
<td>7%</td>
</tr>
<tr>
<td>Trainer</td>
<td>5%</td>
<td>3%</td>
<td>9%</td>
<td>2%</td>
<td>3%</td>
<td>7%</td>
<td>6%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td>Software Engineer</td>
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<td>3%</td>
<td>4%</td>
<td>2%</td>
<td>7%</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
<td>4%</td>
</tr>
<tr>
<td>Sales / Marketing</td>
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<td>3%</td>
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<td>4%</td>
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<td>2%</td>
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<tr>
<td>Student</td>
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<td>3%</td>
<td>1%</td>
<td>1%</td>
<td>2%</td>
<td>5%</td>
<td>4%</td>
<td>3%</td>
</tr>
<tr>
<td>Applications Developer</td>
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<td>3%</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
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<td>5%</td>
<td>5%</td>
<td>9%</td>
<td>8%</td>
<td>9%</td>
<td>6%</td>
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Q4. Approximately how many employees are in your organization?

<table>
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<tr>
<th>Sample Size</th>
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<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,622</td>
<td>1,061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1,089</td>
</tr>
<tr>
<td>1-10</td>
<td>1,622</td>
<td>1,061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1,089</td>
</tr>
<tr>
<td>1-10</td>
<td>13%</td>
<td>14%</td>
<td>12%</td>
<td>12%</td>
<td>25%</td>
<td>10%</td>
<td>10%</td>
<td>11%</td>
<td>14%</td>
</tr>
<tr>
<td>11-50</td>
<td>1,061</td>
<td>768</td>
<td>293</td>
<td>220</td>
<td>250</td>
<td>376</td>
<td>416</td>
<td>321</td>
<td>750</td>
</tr>
<tr>
<td>11-50</td>
<td>18%</td>
<td>20%</td>
<td>14%</td>
<td>17%</td>
<td>21%</td>
<td>18%</td>
<td>18%</td>
<td>23%</td>
<td>17%</td>
</tr>
<tr>
<td>51-100</td>
<td>561</td>
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<td>136</td>
<td>136</td>
<td>136</td>
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<tr>
<td>51-100</td>
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<td>12%</td>
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<td>13%</td>
<td>8%</td>
<td>9%</td>
<td>14%</td>
<td>15%</td>
<td>10%</td>
</tr>
<tr>
<td>101-500</td>
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<td>193</td>
<td>76</td>
<td>76</td>
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<td>76</td>
<td>76</td>
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<td>76</td>
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<tr>
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<td>23%</td>
<td>23%</td>
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<td>20%</td>
<td>17%</td>
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<td>19%</td>
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<tr>
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<td>68</td>
<td>68</td>
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</tr>
<tr>
<td>501-1,000</td>
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<td>11%</td>
<td>9%</td>
<td>8%</td>
<td>10%</td>
<td>14%</td>
<td>13%</td>
<td>10%</td>
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<tr>
<td>1,000-10,000</td>
<td>454</td>
<td>343</td>
<td>111</td>
<td>111</td>
<td>111</td>
<td>111</td>
<td>111</td>
<td>111</td>
<td>111</td>
</tr>
<tr>
<td>1,000-10,000</td>
<td>18%</td>
<td>17%</td>
<td>18%</td>
<td>17%</td>
<td>12%</td>
<td>20%</td>
<td>18%</td>
<td>13%</td>
<td>19%</td>
</tr>
<tr>
<td>10,000+</td>
<td>486</td>
<td>376</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>10,000+</td>
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<td>3%</td>
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<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
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<td>304</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
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<td>91</td>
<td>91</td>
</tr>
<tr>
<td>Don’t know</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
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</tr>
</tbody>
</table>
Q5. What is your organisation’s relationship with APNIC?

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>1,622</td>
<td>1,061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1,089</td>
</tr>
<tr>
<td>APNIC Member/Account Holder</td>
<td>65%</td>
<td>100%</td>
<td>-</td>
<td>62%</td>
<td>75%</td>
<td>63%</td>
<td>69%</td>
<td>76%</td>
<td>64%</td>
</tr>
<tr>
<td>Member of an NIR in APNIC Region</td>
<td>15%</td>
<td>-</td>
<td>44%</td>
<td>22%</td>
<td>8%</td>
<td>18%</td>
<td>14%</td>
<td>11%</td>
<td>17%</td>
</tr>
<tr>
<td>Other Stakeholder</td>
<td>19%</td>
<td>-</td>
<td>56%</td>
<td>15%</td>
<td>17%</td>
<td>19%</td>
<td>18%</td>
<td>13%</td>
<td>19%</td>
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</tbody>
</table>

Q6. How many times have you used an APNIC service, contacted or interacted with APNIC in the past two (2) years?

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>1,622</td>
<td>1,061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1,089</td>
</tr>
<tr>
<td>None</td>
<td>14%</td>
<td>8%</td>
<td>25%</td>
<td>19%</td>
<td>8%</td>
<td>13%</td>
<td>13%</td>
<td>12%</td>
<td>14%</td>
</tr>
<tr>
<td>1-5 times</td>
<td>41%</td>
<td>46%</td>
<td>33%</td>
<td>42%</td>
<td>49%</td>
<td>41%</td>
<td>37%</td>
<td>39%</td>
<td>43%</td>
</tr>
<tr>
<td>More than 5 times</td>
<td>30%</td>
<td>34%</td>
<td>22%</td>
<td>32%</td>
<td>32%</td>
<td>28%</td>
<td>29%</td>
<td>27%</td>
<td>31%</td>
</tr>
<tr>
<td>Don't know/I can't remember</td>
<td>15%</td>
<td>13%</td>
<td>20%</td>
<td>7%</td>
<td>10%</td>
<td>17%</td>
<td>22%</td>
<td>23%</td>
<td>13%</td>
</tr>
</tbody>
</table>
Q7.* Over the past two years, which of the following APNIC products, services or initiatives have you used or participated in?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total Sample Size</th>
<th>Members</th>
<th>Stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,403</td>
<td>980</td>
<td>423</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Service</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td>* MyAPNIC</td>
<td>61%</td>
<td>61%</td>
<td>-</td>
</tr>
<tr>
<td>APNIC website</td>
<td>52%</td>
<td>52%</td>
<td>52%</td>
</tr>
<tr>
<td>APNIC Whois Database</td>
<td>47%</td>
<td>49%</td>
<td>43%</td>
</tr>
<tr>
<td>APNIC training (face-to-face or online)</td>
<td>43%</td>
<td>38%</td>
<td>54%</td>
</tr>
<tr>
<td>* APNIC Helpdesk</td>
<td>34%</td>
<td>34%</td>
<td>-</td>
</tr>
<tr>
<td>* IP address / AS number resource application</td>
<td>34%</td>
<td>34%</td>
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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
**Q8. Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?**

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

*(Only the specific services selected at Q5 presented to each respondent – n=various)*

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Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?
(Only the specific services selected at Q5 presented to each respondent – n=variables)

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\(^a\) Option not offered to Stakeholder respondents
** Option not offered to Member respondents
\# Small sample size
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
**Q8. Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?**

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
Q8. *Thinking about the APNIC products, services or initiatives have you used or participated in, how would you rate your experience?*

(Only the specific services selected at Q5 presented to each respondent – n=various)

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(Only the specific services selected at Q5 presented to each respondent – n=various)

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* Option not offered to Stakeholder respondents
** Option not offered to Member respondents
# Small sample size
Q11. *Thinking about APNIC overall, how would you rate:*

(Only asked if used APNIC service, contacted or interacted with APNIC in the past two years)

### The quality of APNIC products and services

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### The value of APNIC products and services

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Q11. *Thinking about APNIC overall, how would you rate:*
(Only asked if used APNIC service, contacted or interacted with APNIC in the past two years)

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12. When travel restrictions across the region are eased and travel becomes more common, do you think you or your organization will attend face-to-face events as you did before the COVID-19 pandemic?

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<td>269</td>
<td>275</td>
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<td>395</td>
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<td>We will attend more face-to-face events</td>
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13. What do you think are the MAIN benefits of attending APNIC events in-person?

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<td>61%</td>
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<tr>
<td>Easier to participate in discussions or sessions</td>
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<tr>
<td>I can concentrate on the sessions with less interruption</td>
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<tr>
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<td>2%</td>
<td>2%</td>
<td>1%</td>
<td>2%</td>
</tr>
</tbody>
</table>
15. During COVID-19, what were the impacts on demand for your services?

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>1621</td>
<td>1061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>485</td>
<td>394</td>
<td>1089</td>
</tr>
<tr>
<td>Demand decreased significantly</td>
<td>12%</td>
<td>11%</td>
<td>14%</td>
<td>6%</td>
<td>11%</td>
<td>13%</td>
<td>14%</td>
<td>17%</td>
<td>9%</td>
</tr>
<tr>
<td>Demand decreased somewhat</td>
<td>18%</td>
<td>18%</td>
<td>17%</td>
<td>24%</td>
<td>12%</td>
<td>23%</td>
<td>12%</td>
<td>13%</td>
<td>19%</td>
</tr>
<tr>
<td>Demand stayed the same</td>
<td>17%</td>
<td>16%</td>
<td>18%</td>
<td>24%</td>
<td>15%</td>
<td>19%</td>
<td>12%</td>
<td>13%</td>
<td>18%</td>
</tr>
<tr>
<td>Demand increased somewhat</td>
<td>23%</td>
<td>23%</td>
<td>21%</td>
<td>30%</td>
<td>27%</td>
<td>19%</td>
<td>21%</td>
<td>20%</td>
<td>24%</td>
</tr>
<tr>
<td>Demand increased significantly</td>
<td>26%</td>
<td>27%</td>
<td>23%</td>
<td>14%</td>
<td>31%</td>
<td>19%</td>
<td>37%</td>
<td>28%</td>
<td>25%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>6%</td>
<td>5%</td>
<td>8%</td>
<td>3%</td>
<td>5%</td>
<td>7%</td>
<td>5%</td>
<td>8%</td>
<td>5%</td>
</tr>
</tbody>
</table>

16. Thinking again about the issues and impacts of COVID-19, which of the following had the MOST impact on you or your organization?

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>1622</td>
<td>1061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1089</td>
</tr>
<tr>
<td>Inability to travel, to attend meetings, conferences, training and so forth</td>
<td>48%</td>
<td>45%</td>
<td>54%</td>
<td>54%</td>
<td>46%</td>
<td>54%</td>
<td>41%</td>
<td>42%</td>
<td>51%</td>
</tr>
<tr>
<td>Managing people working from home</td>
<td>47%</td>
<td>46%</td>
<td>47%</td>
<td>35%</td>
<td>38%</td>
<td>51%</td>
<td>55%</td>
<td>55%</td>
<td>44%</td>
</tr>
<tr>
<td>Supply chain disruptions (inability to acquire supplies or equipment)</td>
<td>43%</td>
<td>48%</td>
<td>35%</td>
<td>44%</td>
<td>62%</td>
<td>34%</td>
<td>41%</td>
<td>40%</td>
<td>44%</td>
</tr>
<tr>
<td>Increased costs to provide services</td>
<td>32%</td>
<td>33%</td>
<td>30%</td>
<td>34%</td>
<td>29%</td>
<td>28%</td>
<td>38%</td>
<td>39%</td>
<td>30%</td>
</tr>
<tr>
<td>Managing customer expectations</td>
<td>31%</td>
<td>30%</td>
<td>31%</td>
<td>25%</td>
<td>31%</td>
<td>34%</td>
<td>32%</td>
<td>30%</td>
<td>31%</td>
</tr>
<tr>
<td>Attracting or retaining suitably qualified technical employees</td>
<td>22%</td>
<td>23%</td>
<td>18%</td>
<td>19%</td>
<td>26%</td>
<td>22%</td>
<td>20%</td>
<td>20%</td>
<td>22%</td>
</tr>
<tr>
<td>Increased pressure from market competitors</td>
<td>12%</td>
<td>13%</td>
<td>10%</td>
<td>11%</td>
<td>7%</td>
<td>15%</td>
<td>11%</td>
<td>12%</td>
<td>11%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>
17. Thinking about business continuity and growth of your organization in the next two years, how confident are you about the future?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1622</td>
<td>1061</td>
<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1089</td>
</tr>
<tr>
<td>Not at all confident</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>1%</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>1%</td>
</tr>
<tr>
<td>Low confidence</td>
<td>8%</td>
<td>8%</td>
<td>8%</td>
<td>13%</td>
<td>5%</td>
<td>8%</td>
<td>6%</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>Somewhat confident</td>
<td>39%</td>
<td>40%</td>
<td>36%</td>
<td>47%</td>
<td>39%</td>
<td>41%</td>
<td>31%</td>
<td>32%</td>
<td>41%</td>
</tr>
<tr>
<td>Very confident</td>
<td>47%</td>
<td>47%</td>
<td>46%</td>
<td>30%</td>
<td>51%</td>
<td>43%</td>
<td>57%</td>
<td>49%</td>
<td>46%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>5%</td>
<td>4%</td>
<td>7%</td>
<td>7%</td>
<td>4%</td>
<td>6%</td>
<td>5%</td>
<td>7%</td>
<td>5%</td>
</tr>
</tbody>
</table>
Q20. *Thinking about Internet-related services, products or activities, what are the MAIN STRATEGIC challenges facing your organisation? Please rank these in order of priority, where 1 is the greatest challenge. Top Rank*

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>291</td>
<td>219</td>
<td>72</td>
<td>45</td>
<td>64</td>
<td>66</td>
<td>90</td>
<td>72</td>
<td>193</td>
</tr>
<tr>
<td>Hiring and/or keeping skilled employees</td>
<td>15%</td>
<td>17%</td>
<td>10%</td>
<td>11%</td>
<td>27%</td>
<td>20%</td>
<td>9%</td>
<td>13%</td>
<td>18%</td>
</tr>
<tr>
<td>Internet security risks</td>
<td>12%</td>
<td>12%</td>
<td>13%</td>
<td>7%</td>
<td>13%</td>
<td>14%</td>
<td>14%</td>
<td>8%</td>
<td>14%</td>
</tr>
<tr>
<td>Policymakers and regulators’ understanding of the Internet</td>
<td>10%</td>
<td>8%</td>
<td>18%</td>
<td>9%</td>
<td>8%</td>
<td>11%</td>
<td>12%</td>
<td>13%</td>
<td>9%</td>
</tr>
<tr>
<td>Managing the unintended consequences of government regulations</td>
<td>9%</td>
<td>11%</td>
<td>6%</td>
<td>13%</td>
<td>8%</td>
<td>6%</td>
<td>13%</td>
<td>17%</td>
<td>8%</td>
</tr>
<tr>
<td>Cost control of hardware, software, and network investments</td>
<td>9%</td>
<td>11%</td>
<td>6%</td>
<td>7%</td>
<td>8%</td>
<td>8%</td>
<td>14%</td>
<td>14%</td>
<td>8%</td>
</tr>
<tr>
<td>Scaling capacity to meet market demand</td>
<td>9%</td>
<td>11%</td>
<td>4%</td>
<td>11%</td>
<td>14%</td>
<td>8%</td>
<td>4%</td>
<td>4%</td>
<td>10%</td>
</tr>
<tr>
<td>Introduction of new products and services to improve our business and stay competitive</td>
<td>8%</td>
<td>6%</td>
<td>14%</td>
<td>18%</td>
<td>5%</td>
<td>6%</td>
<td>4%</td>
<td>4%</td>
<td>8%</td>
</tr>
<tr>
<td>Costs of Internet security</td>
<td>8%</td>
<td>8%</td>
<td>7%</td>
<td>9%</td>
<td>5%</td>
<td>9%</td>
<td>8%</td>
<td>11%</td>
<td>6%</td>
</tr>
<tr>
<td>Compliance with regulatory requirements</td>
<td>7%</td>
<td>6%</td>
<td>7%</td>
<td>4%</td>
<td>5%</td>
<td>6%</td>
<td>10%</td>
<td>10%</td>
<td>6%</td>
</tr>
<tr>
<td>Keeping pace with new technologies</td>
<td>5%</td>
<td>5%</td>
<td>7%</td>
<td>9%</td>
<td>2%</td>
<td>8%</td>
<td>1%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>Adapting business model to meet market changes</td>
<td>5%</td>
<td>5%</td>
<td>3%</td>
<td>2%</td>
<td>5%</td>
<td>2%</td>
<td>8%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td>Adapting our organization to meet environmental sustainability goals</td>
<td>2%</td>
<td>1%</td>
<td>7%</td>
<td>0%</td>
<td>3%</td>
<td>5%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
</tr>
</tbody>
</table>
Q21. *Thinking again about your Internet-related services, products or activities, what are the MAIN operational challenges facing your organisation? (Top Rank)*

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet security</td>
<td>1,300</td>
<td>1,052</td>
<td>248</td>
<td>223</td>
<td>228</td>
<td>366</td>
<td>399</td>
<td>340</td>
<td>876</td>
</tr>
<tr>
<td>Managing cost of systems, network operations, and security</td>
<td>14%</td>
<td>15%</td>
<td>12%</td>
<td>10%</td>
<td>15%</td>
<td>15%</td>
<td>16%</td>
<td>17%</td>
<td>13%</td>
</tr>
<tr>
<td>Skills shortages / lack of suitably qualified technical people</td>
<td>12%</td>
<td>12%</td>
<td>10%</td>
<td>11%</td>
<td>17%</td>
<td>11%</td>
<td>10%</td>
<td>9%</td>
<td>13%</td>
</tr>
<tr>
<td>Management of Internet traffic, transit and peering, and network capacity</td>
<td>10%</td>
<td>11%</td>
<td>6%</td>
<td>13%</td>
<td>12%</td>
<td>8%</td>
<td>8%</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>Automation of network and systems operations</td>
<td>9%</td>
<td>10%</td>
<td>6%</td>
<td>5%</td>
<td>12%</td>
<td>10%</td>
<td>8%</td>
<td>9%</td>
<td>9%</td>
</tr>
<tr>
<td>IPv4 scarcity</td>
<td>7%</td>
<td>7%</td>
<td>9%</td>
<td>9%</td>
<td>4%</td>
<td>8%</td>
<td>7%</td>
<td>6%</td>
<td>8%</td>
</tr>
<tr>
<td>Managing the impact of new Internet technologies (for example 5G, Internet of Things (IoT)) on existing infrastructure</td>
<td>5%</td>
<td>5%</td>
<td>6%</td>
<td>6%</td>
<td>4%</td>
<td>5%</td>
<td>6%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td>Deployment of IPv6 in our network</td>
<td>5%</td>
<td>4%</td>
<td>7%</td>
<td>4%</td>
<td>1%</td>
<td>4%</td>
<td>8%</td>
<td>6%</td>
<td>4%</td>
</tr>
<tr>
<td>Keeping up with the pace of technology changes (for example, SDN, NFV, blockchain)</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
<td>5%</td>
<td>3%</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Content providers are not IPv6 ready</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
<td>3%</td>
<td>1%</td>
<td>3%</td>
<td>4%</td>
<td>4%</td>
<td>2%</td>
</tr>
<tr>
<td>Other suppliers of Internet services are not IPv6 ready</td>
<td>2%</td>
<td>2%</td>
<td>1%</td>
<td>3%</td>
<td>1%</td>
<td>1%</td>
<td>3%</td>
<td>3%</td>
<td>1%</td>
</tr>
</tbody>
</table>
Q23. *Thinking about Internet security, what are the MAIN challenges facing your organisation?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,310</td>
<td>1,061</td>
<td>249</td>
<td>228</td>
<td>228</td>
<td>370</td>
<td>400</td>
<td>345</td>
<td>881</td>
</tr>
<tr>
<td>DDoS attacks</td>
<td>42%</td>
<td>44%</td>
<td>33%</td>
<td>49%</td>
<td>32%</td>
<td>37%</td>
<td>50%</td>
<td>47%</td>
<td>40%</td>
</tr>
<tr>
<td>Phishing, spam, malware, ransomware</td>
<td>42%</td>
<td>43%</td>
<td>38%</td>
<td>43%</td>
<td>46%</td>
<td>38%</td>
<td>45%</td>
<td>57%</td>
<td>45%</td>
</tr>
<tr>
<td>Staff lack awareness of security issues</td>
<td>22%</td>
<td>22%</td>
<td>23%</td>
<td>18%</td>
<td>26%</td>
<td>24%</td>
<td>21%</td>
<td>20%</td>
<td>23%</td>
</tr>
<tr>
<td>Blacklisting of our IP addresses</td>
<td>20%</td>
<td>22%</td>
<td>16%</td>
<td>13%</td>
<td>15%</td>
<td>24%</td>
<td>26%</td>
<td>26%</td>
<td>19%</td>
</tr>
<tr>
<td>Lack of expertise in implementing enterprise-wide security programs</td>
<td>20%</td>
<td>18%</td>
<td>26%</td>
<td>17%</td>
<td>20%</td>
<td>25%</td>
<td>17%</td>
<td>20%</td>
<td>20%</td>
</tr>
<tr>
<td>Intrusion and other breaches</td>
<td>18%</td>
<td>18%</td>
<td>20%</td>
<td>21%</td>
<td>25%</td>
<td>17%</td>
<td>15%</td>
<td>11%</td>
<td>22%</td>
</tr>
<tr>
<td>Routing security</td>
<td>16%</td>
<td>17%</td>
<td>15%</td>
<td>19%</td>
<td>14%</td>
<td>17%</td>
<td>14%</td>
<td>18%</td>
<td>15%</td>
</tr>
<tr>
<td>Compliance with national security regulations/requirements</td>
<td>16%</td>
<td>16%</td>
<td>16%</td>
<td>18%</td>
<td>20%</td>
<td>16%</td>
<td>13%</td>
<td>15%</td>
<td>16%</td>
</tr>
<tr>
<td>Lack of clear directives/policies from relevant government authorities</td>
<td>14%</td>
<td>14%</td>
<td>15%</td>
<td>11%</td>
<td>10%</td>
<td>17%</td>
<td>17%</td>
<td>22%</td>
<td>11%</td>
</tr>
<tr>
<td>Lack of security for IoT devices/applications</td>
<td>13%</td>
<td>13%</td>
<td>15%</td>
<td>12%</td>
<td>12%</td>
<td>11%</td>
<td>15%</td>
<td>12%</td>
<td>13%</td>
</tr>
<tr>
<td>Inadequate security policies</td>
<td>13%</td>
<td>12%</td>
<td>17%</td>
<td>16%</td>
<td>15%</td>
<td>11%</td>
<td>12%</td>
<td>14%</td>
<td>12%</td>
</tr>
<tr>
<td>Lack of application security</td>
<td>13%</td>
<td>12%</td>
<td>14%</td>
<td>10%</td>
<td>11%</td>
<td>13%</td>
<td>15%</td>
<td>15%</td>
<td>12%</td>
</tr>
<tr>
<td>Handling abuse and incident reports</td>
<td>11%</td>
<td>11%</td>
<td>10%</td>
<td>11%</td>
<td>9%</td>
<td>15%</td>
<td>8%</td>
<td>9%</td>
<td>12%</td>
</tr>
<tr>
<td>Lack of clear directives/policies from management</td>
<td>11%</td>
<td>10%</td>
<td>12%</td>
<td>9%</td>
<td>14%</td>
<td>10%</td>
<td>11%</td>
<td>13%</td>
<td>10%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>4%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>2%</td>
</tr>
</tbody>
</table>
Q24. *How could APNIC assist with these Internet security challenges?*

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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</thead>
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<tr>
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<td>1,310</td>
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<td>249</td>
<td>228</td>
<td>228</td>
<td>370</td>
<td>400</td>
<td>345</td>
<td>881</td>
</tr>
<tr>
<td>Increase security-focused training courses (DDoS prevention, and so forth)</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
<td>29%</td>
<td>24%</td>
<td>26%</td>
<td>35%</td>
<td>35%</td>
<td>27%</td>
</tr>
<tr>
<td>Collaboration with others to share information and best practice</td>
<td>28%</td>
<td>28%</td>
<td>26%</td>
<td>29%</td>
<td>27%</td>
<td>30%</td>
<td>27%</td>
<td>30%</td>
<td>28%</td>
</tr>
<tr>
<td>Maintain a security threat intelligence sharing service</td>
<td>21%</td>
<td>21%</td>
<td>20%</td>
<td>27%</td>
<td>20%</td>
<td>19%</td>
<td>19%</td>
<td>16%</td>
<td>23%</td>
</tr>
<tr>
<td>Sharing of security insights on the APNIC Blog / website</td>
<td>19%</td>
<td>20%</td>
<td>14%</td>
<td>18%</td>
<td>19%</td>
<td>19%</td>
<td>18%</td>
<td>18%</td>
<td>19%</td>
</tr>
<tr>
<td>Engagement with governments in the region about the issues of cybersecurity</td>
<td>18%</td>
<td>18%</td>
<td>20%</td>
<td>19%</td>
<td>18%</td>
<td>14%</td>
<td>22%</td>
<td>22%</td>
<td>17%</td>
</tr>
<tr>
<td>Enhance security content in APNIC conferences</td>
<td>17%</td>
<td>17%</td>
<td>18%</td>
<td>17%</td>
<td>11%</td>
<td>17%</td>
<td>20%</td>
<td>20%</td>
<td>16%</td>
</tr>
<tr>
<td>Encourage CERT development, information sharing between CERTs &amp; APNIC community</td>
<td>16%</td>
<td>14%</td>
<td>23%</td>
<td>14%</td>
<td>17%</td>
<td>19%</td>
<td>14%</td>
<td>12%</td>
<td>18%</td>
</tr>
<tr>
<td>Provide a general security advice service</td>
<td>12%</td>
<td>12%</td>
<td>10%</td>
<td>11%</td>
<td>10%</td>
<td>14%</td>
<td>11%</td>
<td>10%</td>
<td>12%</td>
</tr>
<tr>
<td>Briefings/security training for senior management</td>
<td>11%</td>
<td>11%</td>
<td>15%</td>
<td>9%</td>
<td>12%</td>
<td>13%</td>
<td>13%</td>
<td>13%</td>
<td>11%</td>
</tr>
<tr>
<td>APNIC is already doing all it can to assist with these challenges</td>
<td>6%</td>
<td>7%</td>
<td>4%</td>
<td>6%</td>
<td>8%</td>
<td>7%</td>
<td>6%</td>
<td>6%</td>
<td>7%</td>
</tr>
<tr>
<td>None of these</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
<td>1%</td>
<td>7%</td>
<td>2%</td>
<td>2%</td>
<td>1%</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
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<td>1%</td>
</tr>
</tbody>
</table>

APNIC 2022 Survey Appendix B  Survey Data Tables & Segmentation by Region and Classification of Economies
Q26. How much do you agree that historical addresses should be subject to the same fees as current resources (i.e., those resources allocated by APNIC)?

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
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<tr>
<td><strong>Sample Size</strong></td>
<td>1,060</td>
<td>1,060</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Strongly disagree</strong></td>
<td>6%</td>
<td>6%</td>
<td>-</td>
<td>2%</td>
<td>6%</td>
<td>5%</td>
<td>7%</td>
<td>8%</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Disagree</strong></td>
<td>4%</td>
<td>4%</td>
<td>-</td>
<td>8%</td>
<td>2%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td><strong>Somewhat disagree</strong></td>
<td>6%</td>
<td>6%</td>
<td>-</td>
<td>8%</td>
<td>4%</td>
<td>6%</td>
<td>6%</td>
<td>5%</td>
<td>6%</td>
</tr>
<tr>
<td><strong>I have no opinion</strong></td>
<td>28%</td>
<td>28%</td>
<td>-</td>
<td>33%</td>
<td>22%</td>
<td>29%</td>
<td>28%</td>
<td>29%</td>
<td>27%</td>
</tr>
<tr>
<td><strong>Somewhat agree</strong></td>
<td>14%</td>
<td>14%</td>
<td>-</td>
<td>12%</td>
<td>12%</td>
<td>16%</td>
<td>14%</td>
<td>12%</td>
<td>15%</td>
</tr>
<tr>
<td><strong>Agree</strong></td>
<td>21%</td>
<td>21%</td>
<td>-</td>
<td>20%</td>
<td>22%</td>
<td>22%</td>
<td>19%</td>
<td>22%</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Strongly agree</strong></td>
<td>13%</td>
<td>13%</td>
<td>-</td>
<td>8%</td>
<td>23%</td>
<td>10%</td>
<td>13%</td>
<td>13%</td>
<td>13%</td>
</tr>
<tr>
<td><strong>Don’t know</strong></td>
<td>8%</td>
<td>8%</td>
<td>-</td>
<td>9%</td>
<td>9%</td>
<td>7%</td>
<td>8%</td>
<td>7%</td>
<td>9%</td>
</tr>
</tbody>
</table>
Q27.*Thinking about the availability of IPv4 addresses, what are the MAIN challenges facing your organisation?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,061</td>
<td>1,061</td>
<td>168</td>
<td>206</td>
<td>287</td>
<td>334</td>
<td>302</td>
<td>693</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The cost of buying IPv4 addresses</td>
<td>30%</td>
<td>30%</td>
<td>-</td>
<td>32%</td>
<td>22%</td>
<td>31%</td>
<td>33%</td>
<td>33%</td>
<td>29%</td>
</tr>
<tr>
<td>Finding available IPv4 addresses</td>
<td>27%</td>
<td>27%</td>
<td>-</td>
<td>22%</td>
<td>18%</td>
<td>30%</td>
<td>31%</td>
<td>30%</td>
<td>25%</td>
</tr>
<tr>
<td>Deploying IPv6</td>
<td>26%</td>
<td>26%</td>
<td>-</td>
<td>23%</td>
<td>19%</td>
<td>31%</td>
<td>26%</td>
<td>29%</td>
<td>24%</td>
</tr>
<tr>
<td>It is not an issue for my organization</td>
<td>22%</td>
<td>22%</td>
<td>-</td>
<td>18%</td>
<td>38%</td>
<td>18%</td>
<td>16%</td>
<td>16%</td>
<td>24%</td>
</tr>
<tr>
<td>Cost and complexity of NATs</td>
<td>16%</td>
<td>16%</td>
<td>-</td>
<td>18%</td>
<td>13%</td>
<td>14%</td>
<td>16%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>IPv4 address transfer policies</td>
<td>14%</td>
<td>14%</td>
<td>-</td>
<td>17%</td>
<td>6%</td>
<td>15%</td>
<td>14%</td>
<td>18%</td>
<td>12%</td>
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<tr>
<td>“Health” of IPv4 addresses being transferred</td>
<td>13%</td>
<td>13%</td>
<td>-</td>
<td>13%</td>
<td>12%</td>
<td>13%</td>
<td>16%</td>
<td>13%</td>
<td>14%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>6%</td>
<td>6%</td>
<td>-</td>
<td>7%</td>
<td>7%</td>
<td>6%</td>
<td>5%</td>
<td>6%</td>
<td>6%</td>
</tr>
</tbody>
</table>
Q29. Thinking about IPv6, in your opinion, what are the main issues preventing IPv6 deployment across the region?

<table>
<thead>
<tr>
<th>Issue</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
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<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lack of knowledge and expertise on IPv6</td>
<td>45%</td>
<td>45%</td>
<td>-</td>
<td>32%</td>
<td>43%</td>
<td>43%</td>
<td>54%</td>
<td>56%</td>
<td>39%</td>
</tr>
<tr>
<td>Lack of demand for IPv6 from customers</td>
<td>35%</td>
<td>35%</td>
<td>-</td>
<td>33%</td>
<td>36%</td>
<td>39%</td>
<td>31%</td>
<td>33%</td>
<td>35%</td>
</tr>
<tr>
<td>Lack of business/technical advantages or reasons to adopt IPv6</td>
<td>26%</td>
<td>26%</td>
<td>-</td>
<td>33%</td>
<td>37%</td>
<td>26%</td>
<td>17%</td>
<td>17%</td>
<td>30%</td>
</tr>
<tr>
<td>Lack of IPv6 support in network management/security systems</td>
<td>18%</td>
<td>18%</td>
<td>-</td>
<td>20%</td>
<td>17%</td>
<td>16%</td>
<td>21%</td>
<td>22%</td>
<td>18%</td>
</tr>
<tr>
<td>Lack of CPE (customer equipment) that supports IPv6</td>
<td>18%</td>
<td>18%</td>
<td>-</td>
<td>17%</td>
<td>14%</td>
<td>14%</td>
<td>25%</td>
<td>22%</td>
<td>16%</td>
</tr>
<tr>
<td>Lack of support for IPv6 among content providers</td>
<td>14%</td>
<td>14%</td>
<td>-</td>
<td>20%</td>
<td>16%</td>
<td>14%</td>
<td>11%</td>
<td>12%</td>
<td>15%</td>
</tr>
<tr>
<td>Content providers do not offer any/enough content on IPv6 in our economy</td>
<td>14%</td>
<td>14%</td>
<td>-</td>
<td>19%</td>
<td>4%</td>
<td>12%</td>
<td>19%</td>
<td>15%</td>
<td>14%</td>
</tr>
<tr>
<td>None of the above</td>
<td>5%</td>
<td>5%</td>
<td>-</td>
<td>2%</td>
<td>5%</td>
<td>7%</td>
<td>4%</td>
<td>3%</td>
<td>6%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>3%</td>
<td>-</td>
<td>2%</td>
<td>5%</td>
<td>6%</td>
<td>2%</td>
<td>2%</td>
<td>4%</td>
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</table>
**Q30. Which of the following APNIC activities do you believe are the most important to encouraging IPv6 adoption in the APNIC region?**

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<tr>
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<th>East Asia</th>
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<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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<tr>
<td></td>
<td>1,060</td>
<td>1,060</td>
<td>168</td>
<td>206</td>
<td>287</td>
<td>334</td>
<td>302</td>
<td>693</td>
<td></td>
</tr>
<tr>
<td>Providing basic and advanced training on IPv6</td>
<td>29%</td>
<td>29%</td>
<td>-</td>
<td>21%</td>
<td>31%</td>
<td>32%</td>
<td>31%</td>
<td>32%</td>
<td>28%</td>
</tr>
<tr>
<td>Sharing deployment case studies and best current practices about IPv6</td>
<td>28%</td>
<td>28%</td>
<td>-</td>
<td>34%</td>
<td>22%</td>
<td>28%</td>
<td>28%</td>
<td>24%</td>
<td>29%</td>
</tr>
<tr>
<td>Providing technical assistance on IPv6 deployment</td>
<td>26%</td>
<td>26%</td>
<td>-</td>
<td>26%</td>
<td>25%</td>
<td>28%</td>
<td>27%</td>
<td>29%</td>
<td>26%</td>
</tr>
<tr>
<td>Promoting IPv6 to hardware, software and/or content providers</td>
<td>26%</td>
<td>26%</td>
<td>-</td>
<td>24%</td>
<td>24%</td>
<td>23%</td>
<td>30%</td>
<td>30%</td>
<td>24%</td>
</tr>
<tr>
<td>Promoting IPv6 to government and related organizations</td>
<td>20%</td>
<td>20%</td>
<td>-</td>
<td>30%</td>
<td>20%</td>
<td>17%</td>
<td>19%</td>
<td>19%</td>
<td>21%</td>
</tr>
<tr>
<td>Promoting IPv6 to customers (business and retail)</td>
<td>20%</td>
<td>20%</td>
<td>-</td>
<td>21%</td>
<td>19%</td>
<td>20%</td>
<td>20%</td>
<td>17%</td>
<td>21%</td>
</tr>
<tr>
<td>Promoting IPv6 to management and/or decision makers</td>
<td>19%</td>
<td>19%</td>
<td>-</td>
<td>15%</td>
<td>17%</td>
<td>21%</td>
<td>19%</td>
<td>20%</td>
<td>18%</td>
</tr>
<tr>
<td>Facilitating knowledge sharing between Member organizations on IPv6 deployment experiences</td>
<td>13%</td>
<td>13%</td>
<td>-</td>
<td>12%</td>
<td>14%</td>
<td>15%</td>
<td>12%</td>
<td>19%</td>
<td>11%</td>
</tr>
<tr>
<td>APNIC should take no action to promote or assist with the deployment of IPv6</td>
<td>2%</td>
<td>2%</td>
<td>-</td>
<td>2%</td>
<td>3%</td>
<td>1%</td>
<td>2%</td>
<td>1%</td>
<td>3%</td>
</tr>
</tbody>
</table>
31. Has your organization already deployed or are you ready for deployment of RPKI or ROV?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,310</td>
<td>1,061</td>
<td>249</td>
<td>228</td>
<td>228</td>
<td>370</td>
<td>400</td>
<td>345</td>
<td>881</td>
</tr>
<tr>
<td>We have deployed RPKI and ROV</td>
<td>23%</td>
<td>23%</td>
<td>25%</td>
<td>23%</td>
<td>16%</td>
<td>22%</td>
<td>29%</td>
<td>27%</td>
<td>22%</td>
</tr>
<tr>
<td>We are using RPKI but are not yet performing ROV</td>
<td>17%</td>
<td>17%</td>
<td>15%</td>
<td>19%</td>
<td>21%</td>
<td>14%</td>
<td>15%</td>
<td>14%</td>
<td>17%</td>
</tr>
<tr>
<td>We have an RPKI/ROV deployment plan</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>21%</td>
<td>16%</td>
<td>17%</td>
<td>23%</td>
<td>24%</td>
<td>18%</td>
</tr>
<tr>
<td>We do not have any RPKI/ROV deployment plans</td>
<td>40%</td>
<td>40%</td>
<td>40%</td>
<td>37%</td>
<td>48%</td>
<td>46%</td>
<td>33%</td>
<td>36%</td>
<td>43%</td>
</tr>
</tbody>
</table>
32. What is preventing your organization from deploying RPKI/ROV?

<table>
<thead>
<tr>
<th>Reason</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>We do not have the knowledge and expertise</td>
<td>38%</td>
<td>36%</td>
<td>44%</td>
<td>34%</td>
<td>32%</td>
<td>41%</td>
<td>43%</td>
<td>45%</td>
<td>36%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>21%</td>
<td>22%</td>
<td>18%</td>
<td>21%</td>
<td>22%</td>
<td>20%</td>
<td>21%</td>
<td>23%</td>
<td>20%</td>
</tr>
<tr>
<td>We are not aware of other networks deploying RPKI/ROV</td>
<td>18%</td>
<td>18%</td>
<td>20%</td>
<td>11%</td>
<td>12%</td>
<td>23%</td>
<td>23%</td>
<td>23%</td>
<td>17%</td>
</tr>
<tr>
<td>We do not have the time to deploy and maintain it</td>
<td>16%</td>
<td>17%</td>
<td>13%</td>
<td>17%</td>
<td>23%</td>
<td>17%</td>
<td>9%</td>
<td>10%</td>
<td>18%</td>
</tr>
<tr>
<td>The cost of deployment and management of RPKI</td>
<td>16%</td>
<td>15%</td>
<td>22%</td>
<td>22%</td>
<td>7%</td>
<td>18%</td>
<td>15%</td>
<td>14%</td>
<td>16%</td>
</tr>
<tr>
<td>We are concerned about losing legitimate traffic by using RPKI/ROV</td>
<td>14%</td>
<td>14%</td>
<td>14%</td>
<td>15%</td>
<td>7%</td>
<td>13%</td>
<td>16%</td>
<td>17%</td>
<td>12%</td>
</tr>
<tr>
<td>We do not see the need to adopt RPKI/ROV</td>
<td>14%</td>
<td>13%</td>
<td>15%</td>
<td>13%</td>
<td>14%</td>
<td>12%</td>
<td>15%</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>5%</td>
<td>2%</td>
<td>4%</td>
<td>12%</td>
<td>3%</td>
<td>2%</td>
<td>2%</td>
<td>6%</td>
</tr>
</tbody>
</table>
33. *Earlier, you indicated you had not attended any APNIC training in the past two years. Can you tell us why you haven’t attended any training?*

<table>
<thead>
<tr>
<th>Reason</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>I didn’t know about the training</td>
<td>29%</td>
<td>28%</td>
<td>30%</td>
<td>30%</td>
<td>21%</td>
<td>33%</td>
<td>32%</td>
<td>31%</td>
<td>29%</td>
</tr>
<tr>
<td>I don’t have time</td>
<td>26%</td>
<td>26%</td>
<td>26%</td>
<td>36%</td>
<td>33%</td>
<td>26%</td>
<td>12%</td>
<td>15%</td>
<td>30%</td>
</tr>
<tr>
<td>I prefer face-to-face training</td>
<td>24%</td>
<td>25%</td>
<td>23%</td>
<td>15%</td>
<td>19%</td>
<td>19%</td>
<td>39%</td>
<td>40%</td>
<td>18%</td>
</tr>
<tr>
<td>The courses are not suited to my role/job</td>
<td>15%</td>
<td>14%</td>
<td>18%</td>
<td>18%</td>
<td>17%</td>
<td>15%</td>
<td>9%</td>
<td>7%</td>
<td>17%</td>
</tr>
<tr>
<td>Not offered in my local language</td>
<td>14%</td>
<td>16%</td>
<td>15%</td>
<td>26%</td>
<td>1%</td>
<td>12%</td>
<td>19%</td>
<td>22%</td>
<td>13%</td>
</tr>
<tr>
<td>I couldn’t get management approval</td>
<td>10%</td>
<td>10%</td>
<td>13%</td>
<td>7%</td>
<td>8%</td>
<td>15%</td>
<td>9%</td>
<td>11%</td>
<td>10%</td>
</tr>
<tr>
<td>APNIC Academy training courses are not certified</td>
<td>7%</td>
<td>7%</td>
<td>9%</td>
<td>4%</td>
<td>4%</td>
<td>8%</td>
<td>7%</td>
<td>9%</td>
<td>6%</td>
</tr>
<tr>
<td>The topics are too basic</td>
<td>4%</td>
<td>5%</td>
<td>2%</td>
<td>5%</td>
<td>6%</td>
<td>4%</td>
<td>4%</td>
<td>6%</td>
<td>4%</td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
<td>8%</td>
<td>2%</td>
<td>3%</td>
<td>12%</td>
<td>8%</td>
<td>7%</td>
<td>6%</td>
<td>8%</td>
</tr>
</tbody>
</table>
35. Through the APNIC Foundation, APNIC has been able to expand Internet development activities in the region. In the next two years, what would you say is the MOST important area for APNIC to focus its development activities? Please rank these in order of importance where 1 is the MOST important?

<table>
<thead>
<tr>
<th>Area</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrastructure investment (e.g., IXPs, peering, route servers etc.)</td>
<td>35%</td>
<td>35%</td>
<td>29%</td>
<td>38%</td>
<td>36%</td>
<td>35%</td>
<td>33%</td>
<td>34%</td>
<td>36%</td>
</tr>
<tr>
<td>Human resource capacity building (For example, educating the next generation of Internet engineers)</td>
<td>34%</td>
<td>34%</td>
<td>37%</td>
<td>29%</td>
<td>33%</td>
<td>35%</td>
<td>37%</td>
<td>36%</td>
<td>33%</td>
</tr>
<tr>
<td>Relationship development (For example, governments, regulators, stakeholders)</td>
<td>17%</td>
<td>17%</td>
<td>19%</td>
<td>15%</td>
<td>18%</td>
<td>19%</td>
<td>15%</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Community development (For example, NOGs, NRENs etc.)</td>
<td>14%</td>
<td>14%</td>
<td>15%</td>
<td>17%</td>
<td>13%</td>
<td>11%</td>
<td>15%</td>
<td>13%</td>
<td>14%</td>
</tr>
</tbody>
</table>
35a. You ranked infrastructure development as an important area for Internet development. What aspects of infrastructure development support should be the main priority?

<table>
<thead>
<tr>
<th>Sample Size</th>
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<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
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<td></td>
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<td>637</td>
<td>302</td>
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<td>156</td>
<td>267</td>
<td>280</td>
<td>230</td>
<td>634</td>
</tr>
<tr>
<td>Backbone networks – undersea and/or satellite</td>
<td>46%</td>
<td>44%</td>
<td>50%</td>
<td>42%</td>
<td>48%</td>
<td>50%</td>
<td>40%</td>
<td>42%</td>
<td>46%</td>
</tr>
<tr>
<td>Peering</td>
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<td>45%</td>
<td>40%</td>
<td>47%</td>
<td>41%</td>
<td>50%</td>
<td>39%</td>
<td>43%</td>
<td>45%</td>
</tr>
<tr>
<td>Neutral IXPs</td>
<td>37%</td>
<td>37%</td>
<td>36%</td>
<td>43%</td>
<td>47%</td>
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<td>28%</td>
<td>28%</td>
<td>39%</td>
</tr>
<tr>
<td>CDN caching</td>
<td>25%</td>
<td>27%</td>
<td>20%</td>
<td>22%</td>
<td>17%</td>
<td>25%</td>
<td>35%</td>
<td>37%</td>
<td>22%</td>
</tr>
<tr>
<td>DNS root servers</td>
<td>21%</td>
<td>19%</td>
<td>24%</td>
<td>21%</td>
<td>21%</td>
<td>18%</td>
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<td>18%</td>
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<tr>
<td>DNS TLD servers</td>
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<td>19%</td>
<td>11%</td>
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<tr>
<td>Other</td>
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<td>1%</td>
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<td>1%</td>
</tr>
</tbody>
</table>

35b. You ranked community development as an important area for Internet development. What aspects of community development support should be the main priority?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>662</td>
<td>427</td>
<td>235</td>
<td>107</td>
<td>100</td>
<td>175</td>
<td>209</td>
<td>155</td>
<td>436</td>
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<tr>
<td>NOGs</td>
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<td>58%</td>
<td>54%</td>
<td>64%</td>
<td>60%</td>
<td>54%</td>
<td>57%</td>
<td>63%</td>
<td>56%</td>
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<tr>
<td>CERTs</td>
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<td>51%</td>
<td>48%</td>
<td>49%</td>
<td>52%</td>
<td>55%</td>
<td>45%</td>
<td>39%</td>
<td>54%</td>
</tr>
<tr>
<td>IGFs or Schools of Internet Governance</td>
<td>41%</td>
<td>39%</td>
<td>44%</td>
<td>25%</td>
<td>36%</td>
<td>45%</td>
<td>44%</td>
<td>48%</td>
<td>36%</td>
</tr>
<tr>
<td>NRENs</td>
<td>22%</td>
<td>21%</td>
<td>24%</td>
<td>22%</td>
<td>13%</td>
<td>23%</td>
<td>24%</td>
<td>28%</td>
<td>20%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>4%</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
</tr>
</tbody>
</table>
35c. You ranked human resource capacity building as an important area for Internet development. What aspects of capacity building should be the main priority?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>965</td>
<td>614</td>
<td>351</td>
<td>156</td>
<td>162</td>
<td>268</td>
<td>301</td>
<td>246</td>
<td>641</td>
</tr>
<tr>
<td>Technical training for network engineers</td>
<td>59%</td>
<td>60%</td>
<td>57%</td>
<td>59%</td>
<td>60%</td>
<td>58%</td>
<td>58%</td>
<td>61%</td>
<td>58%</td>
</tr>
<tr>
<td>Scholarships/Internships at APNIC</td>
<td>38%</td>
<td>36%</td>
<td>42%</td>
<td>27%</td>
<td>30%</td>
<td>44%</td>
<td>46%</td>
<td>48%</td>
<td>36%</td>
</tr>
<tr>
<td>Fellowships supporting the next generation of Internet engineers</td>
<td>35%</td>
<td>35%</td>
<td>34%</td>
<td>40%</td>
<td>34%</td>
<td>31%</td>
<td>32%</td>
<td>33%</td>
<td>34%</td>
</tr>
<tr>
<td>Internet subjects/topics offered for final year University engineers/graduates</td>
<td>23%</td>
<td>23%</td>
<td>24%</td>
<td>24%</td>
<td>28%</td>
<td>21%</td>
<td>22%</td>
<td>19%</td>
<td>25%</td>
</tr>
<tr>
<td>Funding to improve equal Internet access to all economies in the region</td>
<td>19%</td>
<td>18%</td>
<td>22%</td>
<td>14%</td>
<td>17%</td>
<td>23%</td>
<td>21%</td>
<td>20%</td>
<td>19%</td>
</tr>
<tr>
<td>Improving diversity in Internet-related roles</td>
<td>16%</td>
<td>17%</td>
<td>15%</td>
<td>23%</td>
<td>19%</td>
<td>15%</td>
<td>13%</td>
<td>13%</td>
<td>18%</td>
</tr>
<tr>
<td>Other</td>
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<td>1%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
</tr>
</tbody>
</table>

35d. You ranked relationship development as an important area for Internet development. What aspects of relationship development should be the main priority?

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>675</td>
<td>442</td>
<td>233</td>
<td>113</td>
<td>132</td>
<td>197</td>
<td>181</td>
<td>157</td>
<td>466</td>
</tr>
<tr>
<td>Education and training for government regulators about the Internet ecosystem</td>
<td>63%</td>
<td>60%</td>
<td>70%</td>
<td>68%</td>
<td>61%</td>
<td>59%</td>
<td>65%</td>
<td>62%</td>
<td>63%</td>
</tr>
<tr>
<td>Funding for better access to the Internet for less developed economies in the region</td>
<td>47%</td>
<td>46%</td>
<td>48%</td>
<td>35%</td>
<td>40%</td>
<td>53%</td>
<td>48%</td>
<td>55%</td>
<td>42%</td>
</tr>
<tr>
<td>Policy training for governments</td>
<td>41%</td>
<td>40%</td>
<td>43%</td>
<td>46%</td>
<td>41%</td>
<td>41%</td>
<td>43%</td>
<td>43%</td>
<td>42%</td>
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<tr>
<td>Greater investment in government relationships in the region</td>
<td>32%</td>
<td>34%</td>
<td>29%</td>
<td>27%</td>
<td>33%</td>
<td>37%</td>
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<td>34%</td>
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<tr>
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<td>1%</td>
<td>1%</td>
<td>1%</td>
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</tbody>
</table>
Q36. *Thinking about your membership of APNIC, please indicate how much you AGREE with the following:

<table>
<thead>
<tr>
<th>APNIC is sufficiently open and transparent in its activities</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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<td></td>
<td>168</td>
<td>206</td>
<td>287</td>
<td>334</td>
<td>302</td>
<td>693</td>
</tr>
<tr>
<td>Strongly disagree</td>
<td>1%</td>
<td>1%</td>
<td></td>
<td>1%</td>
<td>1%</td>
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<td>1%</td>
<td>2%</td>
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<tr>
<td>2</td>
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<tr>
<td>3</td>
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<td>1%</td>
<td>1%</td>
<td>2%</td>
<td>1%</td>
</tr>
<tr>
<td>Neutral</td>
<td>8%</td>
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<td>14%</td>
<td>6%</td>
<td>3%</td>
<td>3%</td>
<td>9%</td>
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<tr>
<td>5</td>
<td>11%</td>
<td>11%</td>
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<td>8%</td>
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<td>11%</td>
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<tr>
<td>6</td>
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<td>57%</td>
<td>61%</td>
<td>58%</td>
<td>60%</td>
<td>57%</td>
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<tr>
<td>Strongly agree</td>
<td>21%</td>
<td>21%</td>
<td></td>
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<td>23%</td>
<td>25%</td>
<td>22%</td>
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<td>Top 3</td>
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<td>93%</td>
<td>88%</td>
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<tr>
<td>Mean</td>
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<td>5.83</td>
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<td>5.64</td>
<td>5.67</td>
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<td>5.83</td>
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<td>0.98</td>
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<td>1.00</td>
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</table>

<table>
<thead>
<tr>
<th>APNIC is responsive to the changing needs of its community</th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
</tr>
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<td>206</td>
<td>287</td>
<td>334</td>
<td>302</td>
<td>693</td>
</tr>
<tr>
<td>Strongly disagree</td>
<td>0%</td>
<td>0%</td>
<td></td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
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</tr>
<tr>
<td>2</td>
<td>1%</td>
<td>1%</td>
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<td>0%</td>
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<td>2%</td>
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</tr>
<tr>
<td>3</td>
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<td>0%</td>
<td>1%</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td>Neutral</td>
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<td>10%</td>
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<td>16%</td>
<td>8%</td>
<td>5%</td>
<td>6%</td>
<td>12%</td>
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<td>5</td>
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<td>11%</td>
<td>10%</td>
<td>11%</td>
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<td>6</td>
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<td>52%</td>
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<td>57%</td>
<td>60%</td>
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Q36. *Thinking about your membership of APNIC, please indicate how much you AGREE with the following:

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<th>APNIC is respected in the Internet community</th>
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<th>SE Asia</th>
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<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
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</table>
Q37. *Which of these phrases best describes the way you speak about APNIC to others?*

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<th></th>
<th>Total</th>
<th>Members</th>
<th>Stakeholders</th>
<th>East Asia</th>
<th>Oceania</th>
<th>SE Asia</th>
<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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<td>561</td>
<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1089</td>
</tr>
<tr>
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<td>1%</td>
<td>1%</td>
<td>3%</td>
<td>4%</td>
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<tr>
<td>I tend to be critical of APNIC if I am asked</td>
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<td>2%</td>
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<tr>
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<td>30%</td>
<td>37%</td>
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<tr>
<td>I speak well about APNIC if I am asked</td>
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<td>46%</td>
<td>40%</td>
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<td>44%</td>
<td>45%</td>
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<tr>
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<td>0.93</td>
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Q41. Do you have a disability that requires APNIC to make adjustments so you can engage with us online or at events?

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<td>275</td>
<td>454</td>
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<td>395</td>
<td>1089</td>
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<tr>
<td>Yes</td>
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<td>86%</td>
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Q42. How well can you speak, read and write English?

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<th>South Asia</th>
<th>LDEs</th>
<th>Other</th>
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<td>269</td>
<td>275</td>
<td>454</td>
<td>486</td>
<td>395</td>
<td>1089</td>
</tr>
<tr>
<td>I am fluent in English</td>
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<td>31%</td>
</tr>
<tr>
<td>I can understand most English and have English conversations comfortably</td>
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<td>23%</td>
<td>14%</td>
<td>39%</td>
<td>37%</td>
<td>42%</td>
</tr>
<tr>
<td>I can understand some English and have basic English conversations</td>
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<td>20%</td>
<td>42%</td>
<td>1%</td>
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</tr>
<tr>
<td>I understand little English and need assistance</td>
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