

APNIC 2018 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 2018 APNIC Survey.

These are presented as full frequency and / or mean scores. When analysing the survey data, the data has been cross tabulated the results by respondents' relationship with APNIC (Member or Stakeholder), APNIC sub-region (East Asia, Oceania, South East Asia and South Asia) and Classification of Economies (Developed, Developing and Least Developed Economies (LDEs)) based on the UN classifications referenced in Appendix A.

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?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
Internet service provider (ISP)	34%	39%	21%	28%	20%	42%	46%	11%	47%	34%	23%
Telecommunications/Mobile operator	13%	16%	7%	20%	14%	12%	8%	8%	11%	16%	9%
Academic/Educational/Research	11%	9%	18%	12%	9%	11%	13%	8%	10%	11%	14%
Hosting/Data centre	7%	7%	7%	8%	12%	7%	3%	3%	2%	7%	14%
Other	7%	6%	8%	5%	8%	6%	6%	24%	6%	6%	8%
Government/Regulator/Municipality	6%	5%	8%	3%	16%	3%	4%	0%	7%	5%	7%
Banking/Financial	5%	5%	4%	4%	5%	4%	6%	11%	7%	4%	3%
Non-profit/NGO/Internet community	4%	1%	9%	4%	2%	3%	4%	13%	3%	3%	4%
Enterprise/Manufacturing/Retail	3%	3%	4%	4%	5%	2%	3%	8%	2%	2%	7%
Software vendor	3%	3%	4%	4%	4%	2%	1%	3%	0%	3%	6%
Media/Entertainment	2%	1%	2%	2%	2%	1%	1%	3%	0%	2%	3%
Domain name registry/Registrar	1%	1%	1%	3%	1%	0%	0%	5%	0%	2%	1%
Internet exchange point (IXP)	1%	1%	1%	1%	0%	3%	2%	0%	1%	2%	0%
NREN/Research network	1%	1%	1%	1%	0%	1%	2%	3%	2%	1%	0%
Infrastructure (transport/hospital)	1%	1%	1%	1%	1%	2%	0%	0%	0%	1%	0%
Hardware vendor	1%	1%	1%	1%	0%	1%	0%	3%	0%	1%	0%
Industrial (construction, mining, oil)	1%	0%	2%	1%	0%	1%	1%	0%	1%	1%	0%

Q3. What is your organisation's relationship with APNIC?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
APNIC Member/Account Holder	73%	100%	0%	59%	82%	80%	75%	61%	81%	68%	79%
Member of an NIR in APNIC Region	16%	0%	57%	27%	6%	14%	13%	13%	6%	22%	11%
Other Stakeholder	12%	0%	43%	14%	12%	6%	12%	26%	13%	11%	10%

Q4. How many times have you used an APNIC service, contacted or interacted with APNIC in the past two (2) years?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
None	21%	13%	43%	32%	12%	19%	19%	21%	21%	21%	22%
1-5 times	43%	49%	26%	38%	56%	46%	37%	37%	37%	43%	51%
More than 5 times	24%	28%	15%	19%	25%	25%	28%	32%	24%	26%	20%
Don't know/I can't remember	12%	10%	16%	12%	7%	10%	17%	11%	18%	11%	7%

Q5. Over the past 2 years have you?



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	LDEs	Developing	Developed
Sample Size	980	788	192	223	433	129	90	110	736	39
Total Mentions	4,721	4,088	633	1,028	2,148	623	489	599	3,538	185
Visited the website	76%	77%	70%	75%	77%	74%	84%	79%	76%	79%
* Used MyAPNIC	62%	62%	-	53%	75%	58%	61%	62%	57%	76%
Used the Whois Database	56%	56%	54%	59%	55%	44%	61%	51%	55%	67%
* Received IP addresses	45%	45%	-	36%	41%	49%	51%	48%	44%	43%
Read the blog	44%	43%	48%	35%	51%	36%	54%	60%	43%	41%
* Applied for IP addresses	41%	41%	-	37%	36%	46%	42%	42%	41%	38%
* Contacted the helpdesk	38%	38%	-	29%	35%	40%	46%	38%	39%	36%
Attended training	27%	26%	32%	15%	30%	37%	34%	38%	27%	8%
Attend conference/event	25%	24%	30%	15%	26%	28%	48%	50%	23%	5%
Personally met with APNIC	21%	21%	23%	10%	23%	27%	37%	37%	20%	8%
* Used reverse DNS	20%	20%	-	21%	24%	14%	20%	20%	17%	27%
Attended presentation	18%	16%	23%	10%	19%	21%	30%	33%	17%	5%
** Contacted APNIC	16%	-	16%	15%	22%	6%	20%	9%	18%	17%
* Technical assistance	13%	13%	-	15%	6%	13%	18%	13%	17%	5%
* Transferred IPv4 addresses	13%	13%	-	17%	11%	17%	9%	10%	15%	13%
* Used RPKI services	10%	10%	-	12%	5%	11%	11%	13%	10%	5%
Participate SIGs/Meetings	9%	7%	14%	5%	10%	9%	12%	13%	9%	3%
Policy Development	6%	5%	9%	2%	8%	3%	9%	8%	5%	3%
None of these	3%	1%	7%	3%	3%	2%	0%	0%	3%	3%
Other	1%	1%	2%	0%	1%	3%	1%	3%	1%	0%

* Option not offered to Stakeholder respondents

** Option not offered to Member respondents

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
APNIC website	744	609	135	162	176	152	232	22	181	398	143
Very Poor	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%
2	0%	0%	1%	1%	0%	0%	0%	9%	0%	0%	0%
3	1%	1%	1%	2%	0%	0%	1%	0%	0%	1%	1%
Neutral	8%	8%	9%	11%	13%	7%	3%	18%	3%	7%	18%
5	15%	15%	13%	22%	11%	18%	9%	23%	12%	17%	13%
6	46%	45%	51%	38%	47%	51%	49%	41%	49%	44%	49%
Excellent	29%	30%	26%	25%	28%	24%	38%	9%	36%	31%	17%
Top 3	90%	90%	90%	86%	86%	93%	96%	73%	97%	92%	79%
Mean	5.92	5.92	5.90	5.71	5.85	5.92	6.18	5.14	6.18	5.96	5.57
Std. Dev.	0.99	1.00	0.96	1.08	1.09	0.83	0.82	1.36	0.76	0.94	1.15

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
MyAPNIC	488	488	-	87	142	104	143	12	123	226	127
Very Poor	1%	1%	-	1%	1%	0%	0%	0%	0%	0%	2%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	-	2%	1%	0%	1%	0%	2%	0%	3%
Neutral	6%	6%	-	13%	9%	2%	1%	8%	2%	5%	11%
5	12%	12%	-	13%	13%	16%	7%	25%	9%	13%	13%
6	44%	44%	-	41%	49%	44%	41%	42%	42%	40%	52%
Excellent	36%	36%	-	30%	27%	38%	50%	25%	46%	41%	20%
Top 3	92%	92%	-	84%	88%	98%	97%	92%	97%	94%	84%
Mean	6.06	6.06	-	5.79	5.85	6.17	6.36	5.83	6.28	6.15	5.68
Std. Dev.	0.99	0.99	-	1.18	1.11	0.77	0.79	0.94	0.83	0.92	1.16

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Whois database	545	440	105	127	132	115	152	19	121	290	115
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	1%	0%	1%	0%	1%	0%	0%	11%	0%	0%	1%
3	1%	2%	0%	2%	0%	2%	1%	0%	1%	2%	0%
Neutral	7%	7%	9%	10%	9%	6%	3%	21%	1%	7%	12%
5	9%	9%	11%	15%	8%	11%	4%	11%	2%	11%	11%
6	46%	45%	49%	43%	48%	50%	43%	42%	41%	45%	52%
Excellent	36%	37%	30%	30%	34%	31%	49%	16%	55%	34%	23%
Top 3	91%	91%	90%	87%	90%	92%	96%	68%	98%	91%	87%
Mean	6.06	6.08	5.98	5.87	6.05	6.03	6.36	5.21	6.48	6.02	5.84
Std. Dev.	0.97	0.98	0.96	1.03	0.96	0.91	0.79	1.51	0.67	0.97	0.98

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
IP address/AS number resource allocations	351	351	-	58	77	88	118	10	95	174	72
Very Poor	1%	1%	-	2%	1%	0%	0%	0%	0%	1%	1%
2	0%	0%	-	2%	0%	0%	0%	0%	0%	1%	0%
3	1%	1%	-	2%	1%	0%	2%	10%	2%	1%	1%
Neutral	9%	9%	-	12%	16%	7%	5%	0%	3%	10%	15%
5	9%	9%	-	12%	9%	13%	4%	10%	4%	10%	11%
6	39%	39%	-	40%	36%	42%	38%	50%	39%	39%	39%
Excellent	41%	41%	-	31%	36%	39%	51%	30%	52%	39%	32%
Top 3	89%	89%	-	83%	82%	93%	93%	90%	95%	89%	82%
Mean	6.06	6.06	-	5.74	5.86	6.13	6.31	5.90	6.35	6.02	5.79
Std. Dev.	1.08	1.08	-	1.32	1.23	0.88	0.90	1.20	0.87	1.09	1.22

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
APNIC Blog	428	336	92	84	91	80	160	13	126	223	66
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	1%	2%	0%	1%	0%	8%	0%	1%	2%
Neutral	9%	9%	10%	11%	13%	8%	5%	23%	3%	9%	17%
5	12%	13%	11%	19%	9%	14%	11%	8%	14%	12%	12%
6	47%	48%	43%	37%	49%	51%	49%	31%	52%	44%	48%
Excellent	31%	30%	35%	31%	29%	26%	35%	31%	31%	34%	21%
Top 3	90%	90%	89%	87%	87%	91%	95%	69%	97%	90%	82%
Mean	5.98	5.97	6.01	5.83	5.93	5.94	6.14	5.54	6.10	6.02	5.71
Std. Dev.	0.94	0.93	0.98	1.06	0.95	0.90	0.80	1.39	0.76	0.95	1.03

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
IP address/AS number resource applications	320	320	-	61	69	83	99	8	83	165	64
Very Poor	0%	0%	-	0%	1%	0%	0%	0%	0%	0%	2%
2	0%	0%	-	0%	1%	0%	0%	0%	0%	0%	2%
3	2%	2%	-	3%	4%	0%	0%	13%	0%	1%	5%
Neutral	8%	8%	-	15%	10%	5%	4%	0%	4%	8%	11%
5	12%	12%	-	25%	10%	14%	2%	25%	1%	16%	13%
6	38%	38%	-	36%	38%	45%	33%	50%	40%	36%	41%
Excellent	40%	40%	-	21%	35%	36%	61%	13%	55%	38%	28%
Top 3	90%	90%	-	82%	83%	95%	96%	88%	96%	90%	81%
Mean	6.05	6.05	-	5.57	5.78	6.12	6.51	5.50	6.47	6.01	5.66
Std. Dev.	1.06	1.06	-	1.09	1.35	0.83	0.73	1.20	0.70	1.00	1.35

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
APNIC helpdesk	301	301	-	48	66	72	108	7	76	157	61
Very Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	1%	1%	-	2%	2%	0%	1%	0%	1%	0%	3%
3	1%	1%	-	0%	3%	0%	2%	0%	0%	1%	3%
Neutral	5%	5%	-	4%	9%	3%	4%	0%	4%	3%	10%
5	10%	10%	-	8%	9%	15%	6%	43%	7%	11%	7%
6	40%	40%	-	42%	35%	39%	43%	29%	43%	39%	36%
Excellent	44%	44%	-	44%	42%	43%	45%	29%	45%	45%	41%
Top 3	93%	93%	-	94%	86%	97%	94%	100%	95%	96%	84%
Mean	6.16	6.16	-	6.19	6.00	6.22	6.23	5.86	6.25	6.23	5.92
Std. Dev.	0.99	0.99	-	1.00	1.19	0.81	0.96	0.90	0.91	0.87	1.31

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
APNIC Training	266	204	62	56	49	70	90	1	85	164	16
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	1%	1%	0%	2%	4%	0%	0%	0%	0%	1%	13%
3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Neutral	5%	4%	6%	4%	4%	6%	4%	0%	5%	4%	6%
5	8%	8%	8%	9%	12%	7%	7%	0%	9%	7%	13%
6	46%	48%	42%	52%	31%	51%	47%	100%	51%	44%	44%
Excellent	40%	39%	44%	34%	49%	36%	42%	0%	35%	44%	25%
Top 3	94%	95%	94%	95%	92%	94%	96%	100%	95%	95%	81%
Mean	6.18	6.17	6.23	6.11	6.12	6.17	6.27	6.00	6.16	6.26	5.50
Std. Dev.	0.90	0.92	0.86	0.93	1.20	0.80	0.78	-	0.78	0.85	1.59

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Conferences/events	248	191	57	53	28	62	100	5	86	142	15
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	7%
Neutral	2%	2%	2%	8%	0%	2%	0%	0%	0%	4%	0%
5	8%	8%	7%	11%	7%	10%	6%	0%	9%	8%	0%
6	41%	41%	40%	38%	39%	47%	40%	40%	38%	42%	53%
Excellent	48%	48%	51%	43%	50%	42%	54%	60%	52%	46%	40%
Top 3	98%	97%	98%	92%	96%	98%	100%	100%	100%	96%	93%
Mean	6.35	6.34	6.40	6.17	6.32	6.29	6.48	6.60	6.43	6.31	6.20
Std. Dev.	0.75	0.76	0.70	0.91	0.90	0.71	0.61	0.55	0.66	0.77	1.01

	Total	APNIC Members	APNIC Stakeholders	East Asia	Oceania	South East Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Meeting a representative	207	163	44	41	31	51	80	4	67	124	12
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	0%	1%	0%	0%	3%	0%	0%	0%	0%	0%	8%
Neutral	2%	3%	0%	2%	0%	4%	3%	0%	3%	2%	0%
5	5%	5%	7%	0%	6%	6%	8%	0%	6%	5%	8%
6	38%	40%	27%	44%	26%	45%	35%	25%	43%	35%	42%
Excellent	54%	51%	66%	54%	65%	45%	55%	75%	48%	58%	42%
Top 3	97%	96%	100%	98%	97%	96%	98%	100%	97%	98%	92%
Mean	6.43	6.38	6.59	6.49	6.48	6.31	6.43	6.75	6.36	6.48	6.08
Std. Dev.	0.75	0.77	0.62	0.64	0.89	0.76	0.74	0.50	0.73	0.70	1.16

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Reverse DNS	156	156	-	34	45	25	46	6	39	66	45
Very Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	-	3%	2%	0%	0%	0%	0%	2%	2%
Neutral	8%	8%	-	18%	9%	8%	0%	0%	0%	11%	11%
5	13%	13%	-	15%	20%	16%	0%	50%	0%	15%	18%
6	42%	42%	-	32%	47%	40%	48%	33%	46%	35%	51%
Excellent	35%	35%	-	32%	22%	36%	52%	17%	54%	38%	18%
Top 3	91%	91%	-	79%	89%	92%	100%	100%	100%	88%	87%
Mean	6.03	6.03	-	5.74	5.78	6.04	6.52	5.67	6.54	5.97	5.71
Std. Dev.	0.96	0.96	-	1.19	0.97	0.93	0.51	0.82	0.51	1.05	0.97

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Public presentation	173	128	45	32	28	42	66	5	56	100	12
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Neutral	3%	4%	2%	6%	4%	5%	2%	0%	2%	4%	8%
5	11%	12%	9%	13%	11%	10%	11%	20%	9%	10%	25%
6	37%	38%	36%	34%	21%	38%	45%	20%	46%	35%	17%
Excellent	49%	47%	53%	47%	64%	48%	42%	60%	43%	51%	50%
Top 3	97%	96%	98%	94%	96%	95%	98%	100%	98%	96%	92%
Mean	6.31	6.27	6.40	6.22	6.46	6.29	6.29	6.40	6.30	6.33	6.08
Std. Dev.	0.80	0.82	0.75	0.91	0.84	0.83	0.72	0.89	0.71	0.82	1.08

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Handling of your query	31	-	31	10	7	2	11	1	3	24	3
Very Poor	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	3%	-	3%	0%	14%	0%	0%	0%	33%	0%	0%
Neutral	6%	-	6%	10%	0%	0%	0%	100%	0%	4%	0%
5	6%	-	6%	0%	14%	50%	0%	0%	33%	4%	0%
6	29%	-	29%	30%	29%	0%	36%	0%	0%	25%	100%
Excellent	55%	-	55%	60%	43%	50%	64%	0%	33%	67%	0%
Top 3	90%	-	90%	90%	86%	100%	100%	0%	67%	96%	100%
Mean	6.26	-	6.26	6.40	5.86	6.00	6.64	4.00	5.00	6.54	6.00
Std. Dev.	1.06	-	1.06	0.97	1.46	1.41	0.50	-	2.00	0.78	0.00

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Technical assistance	104	104	-	25	12	23	41	3	26	66	9
Very Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	-	0%	0%	0%	2%	0%	4%	0%	0%
Neutral	5%	5%	-	12%	0%	0%	2%	33%	4%	3%	11%
5	8%	8%	-	20%	0%	13%	0%	0%	0%	12%	0%
6	38%	38%	-	20%	50%	39%	44%	33%	46%	33%	44%
Excellent	49%	49%	-	48%	50%	48%	51%	33%	46%	52%	44%
Top 3	94%	94%	-	88%	100%	100%	95%	67%	92%	97%	89%
Mean	6.29	6.29	-	6.04	6.50	6.35	6.39	5.67	6.27	6.33	6.22
Std. Dev.	0.88	0.88	-	1.10	0.52	0.71	0.83	1.53	0.96	0.81	0.97

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
IPv4 address transfers	103	103	-	28	20	30	21	4	19	58	22
Very Poor	2%	2%	-	4%	5%	0%	0%	0%	0%	0%	9%
2	1%	1%	-	0%	5%	0%	0%	0%	0%	0%	5%
3	1%	1%	-	4%	0%	0%	0%	0%	0%	0%	5%
Neutral	10%	10%	-	11%	20%	3%	10%	0%	16%	5%	18%
5	17%	17%	-	29%	10%	13%	10%	25%	11%	19%	14%
6	40%	40%	-	21%	40%	50%	43%	75%	47%	36%	36%
Excellent	30%	30%	-	32%	20%	33%	38%	0%	26%	40%	14%
Top 3	86%	86%	-	82%	70%	97%	90%	100%	84%	95%	64%
Mean	5.78	5.78	-	5.54	5.25	6.13	6.10	5.75	5.84	6.10	4.86
Std. Dev.	1.24	1.24	-	1.45	1.65	0.78	0.94	0.50	1.01	0.89	1.81

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Resource certification (RPKI)	79	79	-	20	10	19	26	4	26	40	9
Very Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	-	5%	0%	0%	0%	0%	0%	3%	0%
Neutral	10%	10%	-	10%	10%	16%	4%	25%	0%	15%	11%
5	13%	13%	-	15%	10%	11%	12%	25%	12%	13%	11%
6	46%	46%	-	45%	40%	42%	50%	50%	58%	38%	44%
Excellent	30%	30%	-	25%	40%	32%	35%	0%	31%	33%	33%
Top 3	89%	89%	-	85%	90%	84%	96%	75%	100%	83%	89%
Mean	5.94	5.94	-	5.75	6.10	5.89	6.15	5.25	6.19	5.83	6.00
Std. Dev.	0.98	0.98	-	1.12	0.99	1.05	0.78	0.96	0.63	1.13	1.00

Q6. Thinking about the APNIC services and activities you have used or undertaken, how would you rate your experience?

(Only the specific services selected above will be presented for each respondent)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
SIGs, meeting or mailing list	86	59	27	17	13	18	36	2	25	50	9
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	2%	0%	0%	0%	0%	3%	0%	4%	0%	0%
Neutral	2%	3%	0%	0%	8%	0%	3%	0%	8%	0%	0%
5	15%	15%	15%	18%	23%	6%	17%	0%	16%	14%	22%
6	52%	49%	59%	35%	46%	67%	56%	50%	56%	54%	33%
Excellent	29%	31%	26%	47%	23%	28%	22%	50%	16%	32%	44%
Top 3	97%	95%	100%	100%	92%	100%	94%	100%	88%	100%	100%
Mean	6.06	6.03	6.11	6.29	5.85	6.22	5.92	6.50	5.72	6.18	6.22
Std. Dev.	0.80	0.87	0.64	0.77	0.90	0.55	0.87	0.71	0.98	0.66	0.83

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Policy development	56	38	18	13	3	8	29	3	16	33	4
Very Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	2%	0%	6%	0%	0%	0%	0%	33%	0%	0%	0%
Neutral	4%	5%	0%	0%	0%	13%	3%	0%	6%	3%	0%
5	13%	11%	17%	15%	33%	0%	10%	33%	6%	9%	50%
6	45%	47%	39%	38%	33%	38%	52%	33%	50%	45%	25%
Excellent	38%	37%	39%	46%	33%	50%	34%	0%	38%	42%	25%
Top 3	95%	95%	94%	100%	100%	88%	97%	67%	94%	97%	100%
Mean	6.13	6.16	6.06	6.31	6.00	6.25	6.17	4.67	6.19	6.27	5.75
Std. Dev.	0.90	0.82	1.06	0.75	1.00	1.04	0.76	1.53	0.83	0.76	0.96

Q8. *Thinking about APNIC overall, how would you rate:



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Quality of Service	788	788	-	163	190	180	233	22	198	400	168
Very Poor	0%	0%	-	0%	1%	0%	0%	0%	0%	0%	1%
2	0%	0%	-	0%	1%	0%	0%	0%	0%	0%	1%
3	1%	1%	-	2%	1%	0%	0%	0%	1%	1%	1%
Neutral	9%	9%	-	13%	12%	9%	3%	14%	4%	9%	15%
5	11%	11%	-	18%	9%	12%	6%	9%	7%	14%	8%
6	45%	45%	-	40%	42%	48%	47%	50%	49%	42%	45%
Excellent	35%	35%	-	27%	35%	31%	44%	27%	40%	35%	29%
Top 3	90%	90%	-	85%	86%	91%	96%	86%	96%	91%	82%
Mean	6.03	6.03	-	5.78	5.95	6.02	6.30	5.91	6.25	6.03	5.81
Std. Dev.	0.96	0.96	-	1.04	1.09	0.89	0.76	0.97	0.77	0.94	1.15
Value of services	788	788	-	163	190	180	233	22	198	400	168
Very Poor	0%	0%	-	0%	1%	0%	0%	5%	0%	0%	1%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	1%	-	3%	0%	0%	0%	0%	0%	1%	1%
Neutral	8%	8%	-	10%	14%	6%	3%	14%	3%	7%	18%
5	10%	10%	-	16%	11%	13%	5%	0%	5%	14%	10%
6	43%	43%	-	42%	41%	47%	41%	50%	44%	41%	44%
Excellent	38%	38%	-	29%	33%	34%	51%	32%	49%	37%	27%
Top 3	91%	91%	-	87%	85%	94%	97%	82%	97%	93%	80%
Mean	6.07	6.07	-	5.85	5.89	6.08	6.40	5.82	6.39	6.07	5.74
Std. Dev.	0.98	0.98	-	1.05	1.12	0.84	0.72	1.44	0.70	0.93	1.17
Value of membership	788	788	-	163	190	180	233	22	198	400	168
Very Poor	1%	1%	-	0%	1%	1%	0%	5%	0%	0%	1%
2	0%	0%	-	1%	1%	0%	0%	0%	0%	1%	1%
3	1%	1%	-	3%	1%	0%	1%	0%	2%	1%	2%
Neutral	10%	10%	-	13%	16%	9%	5%	9%	5%	9%	21%
5	10%	10%	-	16%	9%	12%	6%	0%	8%	13%	8%
6	39%	39%	-	36%	43%	42%	34%	50%	32%	39%	45%
Excellent	39%	39%	-	31%	29%	37%	54%	36%	54%	38%	22%
Top 3	87%	87%	-	83%	81%	91%	94%	86%	94%	90%	75%
Mean	6.00	6.00	-	5.75	5.76	6.04	6.34	5.95	6.33	6.02	5.57
Std. Dev.	1.10	1.10	-	1.18	1.20	0.99	0.90	1.40	0.91	1.04	1.24

Q8. Thinking about APNIC overall, how would you rate:



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Value of membership	192	-	192	66	32	31	55	8	33	133	18
Very Poor	1%	-	1%	2%	0%	0%	0%	0%	0%	1%	0%
2	1%	-	1%	0%	0%	0%	2%	0%	3%	0%	0%
3	1%	-	1%	3%	0%	0%	0%	0%	0%	2%	0%
Neutral	13%	-	13%	15%	13%	6%	13%	25%	12%	13%	11%
5	11%	-	11%	20%	3%	10%	7%	13%	6%	11%	22%
6	43%	-	43%	35%	41%	71%	36%	50%	45%	41%	50%
Excellent	31%	-	31%	26%	44%	13%	42%	13%	33%	33%	17%
Top 3	85%	-	85%	80%	88%	94%	85%	75%	85%	85%	89%
Mean	5.85	-	5.85	5.59	6.16	5.90	6.02	5.50	5.91	5.88	5.72
Std. Dev.	1.11	-	1.11	1.25	0.99	0.70	1.15	1.07	1.18	1.13	0.89

Q9. Thinking about your Internet-related services, products or activities, what are the MAIN operational challenges facing your organisation? (Top Rank)

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	294	672	237
Network security	27%	28%	26%	28%	34%	22%	26%	28%	25%	31%
Scarcity of IPv4 addresses	13%	14%	9%	13%	9%	14%	14%	9%	15%	12%
Cost of network operations	12%	13%	12%	10%	14%	17%	11%	15%	13%	11%
Hiring and/or keeping skilled employees	12%	12%	12%	12%	12%	13%	10%	10%	11%	16%
Deployment of IPv6	11%	11%	10%	9%	8%	8%	17%	9%	10%	7%
Management of bandwidth and network capacity	8%	8%	9%	9%	9%	9%	8%	7%	8%	8%
Keeping up with the pace of technology changes	7%	6%	9%	10%	5%	7%	6%	4%	8%	4%
Regulatory requirements involving the Internet	4%	4%	5%	4%	6%	4%	3%	3%	4%	5%
Benchmarking and understanding best practice in network operations	3%	3%	4%	4%	2%	3%	3%	4%	3%	3%
Access to reliable and credible Internet industry data	3%	2%	3%	3%	1%	4%	3%	12%	2%	2%
Other	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%

Q10. Thinking about network security, what are the MAIN challenges facing your organisation?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
Total Mentions	4,857	3,567	1,290	1,258	958	1,053	1,452	136	1,250	2,625	846
Phishing, spam, malware, ransomware	64%	65%	62%	58%	63%	74%	64%	61%	66%	63%	65%
DDoS attacks	61%	65%	48%	65%	45%	70%	61%	58%	58%	64%	54%
Intrusion and other breaches	47%	47%	47%	58%	55%	46%	30%	45%	31%	51%	54%
Staff lack awareness of security issues	45%	44%	48%	40%	50%	49%	46%	21%	50%	44%	43%
Blacklisting of our IP addresses	38%	40%	30%	30%	27%	47%	47%	26%	49%	38%	24%
Routing security	32%	31%	33%	36%	26%	29%	33%	47%	32%	33%	27%
Lack of application security	29%	28%	30%	23%	31%	29%	32%	32%	35%	27%	27%
Inadequate security policies	28%	26%	32%	25%	35%	22%	32%	11%	39%	25%	25%
No cyber security focus from government(s)	23%	21%	27%	14%	20%	21%	35%	21%	41%	20%	8%
Lack of security for IoT applications	22%	22%	21%	21%	23%	17%	24%	26%	22%	21%	22%
None of these	2%	2%	3%	2%	3%	1%	3%	8%	1%	2%	3%
Other	2%	2%	2%	1%	3%	2%	1%	3%	0%	2%	3%

Q11. How might APNIC best assist you or others with network security challenges?



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,212	884	328	330	243	257	347	35	290	656	231
Total Mentions	3,932	2,865	1,067	998	719	885	1,232	98	1,041	2,185	608
Specific-security Training courses	64%	64%	63%	59%	52%	75%	72%	31%	73%	70%	42%
Collaborate with other technical and security organisations to share information and best practice	59%	59%	59%	56%	61%	61%	60%	51%	60%	60%	57%
Sharing of security insights with the community on the APNIC Blog and website	53%	55%	49%	44%	50%	60%	59%	54%	57%	53%	49%
Integrate more security content in APNIC conferences	41%	42%	38%	42%	22%	45%	52%	29%	56%	44%	17%
Engagement with Governments in the region about the issues of cyber security	39%	37%	45%	35%	40%	33%	48%	46%	47%	38%	35%
Encourage CERT development and information sharing between CERTs and the APNIC community	35%	33%	39%	34%	37%	37%	30%	49%	32%	36%	33%
Establish an APNIC-CERT for information sharing among the community	30%	30%	30%	28%	30%	31%	34%	14%	34%	32%	24%
None of the above	3%	3%	2%	4%	4%	2%	1%	6%	1%	2%	6%

Q13. *Thinking about the scarcity of IPv4 addresses, what are the MAIN challenges facing your organisation?



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Total Mentions	2,032	2,032	-	475	350	518	642	47	589	1,081	315
Deploying IPv6	49%	49%	-	54%	33%	55%	54%	52%	55%	52%	35%
The cost of buying IPv4 addresses	38%	38%	-	44%	26%	42%	41%	35%	40%	41%	29%
Cost and complexity of NATs	34%	34%	-	34%	22%	43%	37%	35%	40%	36%	20%
IPv4 address transfer policies	33%	33%	-	40%	17%	38%	38%	26%	41%	36%	18%
Working with brokers selling / leasing IPv4 addresses	21%	21%	-	22%	12%	24%	26%	17%	29%	21%	12%
It is not an issue for my organization	21%	21%	-	13%	37%	17%	19%	17%	19%	18%	33%
"Health" of IPv4 addresses being transferred	19%	19%	-	28%	12%	26%	15%	17%	15%	25%	11%
Don't know	5%	5%	-	2%	5%	4%	7%	4%	6%	4%	4%
Other	3%	3%	-	3%	6%	3%	2%	0%	3%	3%	5%

Q14. *Thinking about the scarcity of IPv4 addresses, which, if any, of the following IPv4 activities do you think APNIC should undertake?



	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Reclaiming/recovering unused address space	57%	57%	-	59%	55%	58%	57%	61%	53%	60%	56%
Monitoring and reporting usage of IPv4 addresses	54%	54%	-	52%	43%	56%	63%	30%	63%	56%	39%
Providing incentives to network operators for the return of IPv4 address space	52%	52%	-	55%	58%	45%	51%	43%	52%	52%	54%
Sharing more information and best practice on resource transfers	39%	39%	-	41%	30%	46%	42%	9%	46%	43%	24%
Purchasing IPv4 addresses for distribution to Members	25%	25%	-	28%	17%	26%	28%	22%	29%	25%	19%
APNIC should take no action to address the IPv4 shortage	5%	5%	-	4%	8%	3%	5%	17%	3%	4%	10%
Other	3%	3%	-	3%	6%	2%	2%	4%	2%	2%	6%

Q15. *Has your organisation already deployed or are you ready for deployment of IPv6?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Yes, IPv6 is fully deployed	15%	15%	-	17%	14%	20%	8%	35%	7%	17%	17%
Yes, IPv6 is deployed in our core network	23%	23%	-	24%	20%	26%	24%	0%	23%	24%	21%
Have a deployment plan	32%	32%	-	38%	17%	29%	43%	26%	43%	33%	16%
No	30%	30%	-	22%	49%	26%	26%	39%	27%	25%	47%

Q16. *When do you expect the deployment to be completed?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	495	495	-	123	77	112	177	6	157	264	68
This year	19%	19%	-	20%	21%	12%	23%	17%	18%	20%	18%
In 2019	23%	23%	-	21%	26%	23%	23%	33%	22%	23%	24%
In 2020	20%	20%	-	24%	14%	15%	23%	17%	20%	21%	18%
Sometime after 2020	16%	16%	-	20%	6%	20%	15%	33%	18%	17%	7%
Don't know	22%	22%	-	15%	32%	30%	16%	0%	22%	19%	34%

Q17. *What are the MAIN challenges that are affecting your organisation's deployment of IPv6?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Total Mentions	2,999	2,999	-	640	604	726	964	65	896	1,517	521
Our customers are not ready for IPv6	55%	55%	-	53%	41%	58%	66%	39%	67%	57%	36%
There is no demand for IPv6 from customers	48%	48%	-	34%	54%	46%	56%	39%	56%	43%	51%
Lack of skills and expertise within our organisation	46%	46%	-	40%	43%	53%	49%	35%	59%	43%	39%
There are no clear business/technical advantages or reasons to adopt IPv6	35%	35%	-	37%	39%	38%	28%	39%	31%	36%	39%
Lack of applications that can run on IPv6	35%	35%	-	41%	19%	40%	42%	17%	38%	41%	20%
Lack of available training	33%	33%	-	29%	17%	37%	47%	26%	49%	35%	12%
My organisation's legacy systems do not support IPv6	22%	22%	-	23%	21%	24%	19%	26%	18%	23%	22%
Our upstream providers do not support IPv6	17%	17%	-	20%	17%	13%	19%	13%	21%	16%	15%
Cost of IPv6 deployment is too high	16%	16%	-	22%	11%	15%	16%	17%	18%	16%	14%
The risks of deploying IPv6 are too high	13%	13%	-	12%	10%	18%	13%	9%	14%	15%	10%
Other	6%	6%	-	6%	13%	4%	2%	4%	2%	5%	12%
None of the above	5%	5%	-	6%	8%	3%	4%	17%	3%	5%	8%

Q18. *Which of the following APNIC activities do you believe are the most important to encouraging IPv6 adoption in the APNIC region?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Total Mentions	2,825	2,825	-	619	572	669	901	64	811	1,462	488
Providing basic and advanced training in IPv6	62%	62%	-	51%	57%	65%	72%	61%	71%	62%	53%
Sharing deployment case studies and best current practices about IPv6	62%	62%	-	60%	56%	65%	63%	65%	64%	64%	53%
Promoting IPv6 to hardware, software and/or content providers	50%	50%	-	59%	41%	51%	50%	48%	49%	54%	43%
Facilitating knowledge sharing between member organisations on IPv6 deployment experiences	49%	49%	-	50%	44%	50%	53%	39%	54%	51%	40%
Promoting IPv6 to management and/or decision makers	44%	44%	-	44%	41%	47%	45%	39%	46%	46%	36%
Promoting IPv6 to government and related organisations	42%	42%	-	46%	34%	42%	49%	17%	54%	42%	32%
APNIC should take no action to promote or assist with the deployment of IPv6	2%	2%	-	1%	2%	3%	2%	0%	2%	2%	2%
Other	2%	2%	-	1%	2%	1%	1%	9%	2%	1%	2%

Q19. *Are you aware that APNIC provides Technical Training Services?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Yes	74%	74%	-	65%	71%	80%	79%	70%	86%	73%	64%
No	26%	26%	-	35%	29%	20%	21%	30%	14%	27%	36%

Q20. Which of the following training activities would be of MOST value to your organisation?

	Total	Members	Stakeholders*	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	965	903	62	216	219	220	286	24	246	506	189
Total Mentions	3,563	3,309	254	754	694	875	1,172	68	1,020	1,935	540
On demand online e-learning sessions	57%	57%	44%	59%	68%	51%	51%	46%	52%	56%	67%
Live e-learning sessions scheduled for local time zones	46%	46%	45%	42%	42%	47%	53%	29%	51%	46%	41%
Published training materials, translated into multiple languages	42%	42%	39%	47%	26%	50%	44%	38%	44%	47%	24%
Greater promotion of up-coming / scheduled training sessions	37%	37%	44%	31%	37%	47%	35%	29%	37%	40%	32%
A published calendar of all training events in the region	37%	37%	34%	27%	45%	36%	40%	38%	38%	37%	38%
Collaboration with local universities to train the next generation of engineers	35%	35%	45%	29%	24%	43%	45%	13%	46%	38%	19%
Train the trainer programs	32%	30%	56%	27%	21%	35%	40%	29%	37%	34%	17%
More local language training	30%	30%	37%	46%	5%	38%	34%	13%	39%	34%	11%
Weekend / after-hours training sessions	27%	26%	37%	24%	22%	24%	36%	25%	35%	27%	19%
Subsidised training for under-served regions	22%	21%	29%	15%	17%	23%	30%	8%	34%	22%	8%
None of the above	4%	4%	0%	1%	8%	2%	1%	17%	1%	2%	10%
Other	1%	1%	0%	0%	1%	1%	0%	0%	1%	1%	2%

*Asked of stakeholders who have used training

Q22. APNIC has established the APNIC Academy, an online learning portal for the community. Have you heard of the APNIC Academy?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	965	903	62	216	219	220	286	24	246	506	189
Yes, I've heard of it but haven't used it	36%	35%	44%	33%	24%	42%	42%	29%	46%	38%	19%
Yes, I've heard of it and have used it for training	10%	9%	23%	5%	7%	7%	19%	4%	17%	9%	3%
No, I wasn't aware of the APNIC Academy until now	54%	56%	34%	62%	68%	51%	39%	67%	37%	53%	79%

Q24. How often do you use the APNIC Whois database?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
Daily	8%	8%	9%	8%	6%	10%	8%	11%	6%	10%	5%
At least once a week	22%	22%	21%	19%	20%	26%	25%	16%	26%	21%	21%
At least once a month	25%	26%	23%	22%	25%	24%	28%	37%	25%	24%	26%
Less than once a month	28%	29%	25%	31%	34%	27%	23%	21%	21%	28%	39%
I don't use the Whois database	17%	15%	22%	20%	16%	14%	17%	16%	21%	18%	8%

Q26. What do you use the APNIC Whois database for?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,035	772	263	269	212	224	298	32	233	553	217
Total Mentions	1,739	1,312	427	435	357	381	512	54	397	934	354
Network troubleshooting	62%	65%	53%	62%	67%	63%	58%	53%	62%	60%	68%
Locating abuse contacts	39%	38%	43%	30%	39%	45%	42%	50%	38%	41%	35%
Geolocation	37%	38%	34%	44%	31%	33%	40%	16%	38%	41%	30%
Research purposes	26%	26%	29%	20%	28%	26%	29%	50%	30%	24%	25%
Other	3%	3%	4%	5%	4%	3%	3%	0%	3%	4%	5%

Q27. *Thinking about how APNIC could help Members keep Whois information accurate and up-to-date, which of the following do you think would be the MOST effective?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	771	771	-	160	179	178	234	20	196	385	170
Total Mentions	1,753	1,753	-	341	361	420	591	40	501	889	323
Regular email reminders to Members to verify their Whois data	53%	53%	-	44%	48%	54%	62%	50%	62%	51%	48%
Enforced confirmation of Whois data accuracy at time of Membership renewal	50%	50%	-	47%	51%	49%	53%	50%	53%	48%	52%
Prominent reminders in MyAPNIC to check Whois data for accuracy	49%	49%	-	45%	39%	49%	59%	40%	60%	51%	32%
Provision of APIs for automatic integration with Member admin systems	40%	40%	-	42%	36%	40%	41%	40%	43%	40%	35%
Assisted registry checks where APNIC staff contact Members to verify Whois data	35%	35%	-	34%	26%	42%	37%	20%	37%	40%	21%
Other	1%	1%	-	1%	2%	2%	1%	0%	1%	1%	2%

Q28. The APNIC community is discussing the development of Internet trend and benchmarking data services. What information would be of MOST USE to your organization?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
Total Mentions	4,896	3,576	1,320	1,257	946	1,070	1,499	124	1,240	2,735	797
Network threats and security	74%	73%	77%	70%	76%	76%	77%	58%	76%	74%	74%
Network infrastructure, topology, usage	59%	60%	57%	51%	57%	62%	67%	45%	68%	58%	51%
Use of new technologies (eg. SDN, NFV)	54%	53%	55%	56%	48%	51%	58%	42%	53%	58%	44%
Use of specific technologies (eg. IPv6, DNSSEC, RPKI)	53%	53%	52%	52%	54%	52%	53%	55%	53%	53%	51%
ASN/IPv4/IPv6 distribution and usage	52%	55%	45%	54%	44%	55%	56%	45%	57%	54%	44%
Industry and market trends and information	35%	35%	35%	36%	33%	38%	35%	24%	35%	38%	29%
Internet business and operational benchmarks	29%	27%	33%	26%	22%	36%	31%	26%	30%	33%	16%
Pricing or charging information (for customer and/or infrastructure services)	24%	24%	22%	15%	23%	29%	28%	21%	29%	24%	15%
Use of specific vendors for various products	13%	13%	12%	11%	16%	12%	14%	3%	18%	13%	8%
None of the above	2%	2%	2%	1%	3%	1%	1%	8%	1%	1%	4%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Q30. Currently, the duration of APNIC’s February conference (held with APRICOT) is four days and the duration of APNIC’s September conference is three days. What do you believe is the best length of time for APNIC conferences?

	Total	Members	Stakeholders*	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	960	903	57	215	213	218	290	24	248	499	189
Three days	30%	29%	40%	37%	18%	35%	29%	42%	31%	33%	20%
Four days	19%	17%	44%	14%	10%	23%	26%	13%	24%	21%	7%
Five days	12%	12%	16%	8%	9%	9%	20%	0%	21%	12%	2%
Don’t know	12%	13%	0%	16%	15%	11%	9%	0%	8%	12%	17%
I do not attend APNIC conferences	27%	29%	0%	24%	47%	23%	17%	46%	16%	22%	53%

*Asked of stakeholders who attend conferences

Q31. *This APNIC Survey is an important and regular part of the APNIC strategic planning process, conducted every two (2) years. Do you think the frequency of the APNIC survey is:

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Too often	1%	1%	-	1%	0%	2%	3%	0%	4%	1%	0%
About right	73%	73%	-	68%	76%	75%	72%	78%	71%	73%	74%
Not often enough	19%	19%	-	22%	18%	18%	19%	13%	18%	20%	18%
Don't know	7%	7%	-	9%	6%	5%	6%	9%	6%	6%	7%

Q32. *Have you participated in APNIC's Internet number resource Policy Development Process for Internet Number Resource policies in the last two (2) years?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Yes	8%	8%	-	6%	3%	11%	11%	9%	12%	8%	4%
No	79%	79%	-	82%	86%	69%	79%	87%	76%	78%	85%
Don't know	13%	13%	-	12%	11%	20%	10%	4%	12%	14%	11%

Q33. *Can you tell us the MAIN reasons why you have not participated in APNIC’s Policy Development Process for Internet Number Resource policies?

	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample size	718	175	227	210	173	258	20	182	357	177
I don’t know enough about the process	54%	48%	47%	47%	57%	61%	40%	63%	57%	39%
I wasn’t aware I could participate	46%	47%	50%	40%	45%	53%	10%	55%	50%	31%
No one has asked me to participate	38%	29%	38%	34%	35%	40%	15%	46%	42%	26%
I trust the community to develop the right policies	26%	19%	16%	24%	29%	29%	30%	34%	24%	19%
I don’t have time to participate	22%	11%	18%	28%	23%	10%	45%	13%	19%	34%
It’s too difficult to participate in the process	15%	7%	8%	9%	17%	19%	15%	25%	13%	7%
Other	6%	4%	5%	5%	6%	5%	15%	5%	6%	5%
I’m not interested in participating	4%	3%	5%	7%	2%	3%	0%	3%	3%	9%

Q35. *Thinking about your membership of APNIC, please indicate how much you AGREE with the following:

APNIC is sufficiently open and transparent in its activities	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Strongly disagree	0%	0%	-	1%	0%	1%	0%	0%	1%	0%	0%
2	0%	0%	-	1%	0%	0%	0%	0%	0%	0%	1%
3	2%	2%	-	2%	4%	3%	1%	0%	1%	2%	5%
Neutral	10%	10%	-	14%	15%	9%	4%	22%	5%	8%	20%
5	11%	11%	-	14%	9%	10%	10%	13%	8%	12%	11%
6	53%	53%	-	50%	60%	53%	51%	52%	52%	54%	54%
Strongly agree	23%	23%	-	20%	12%	24%	33%	13%	34%	23%	9%
Top 3	87%	87%	-	83%	81%	87%	94%	78%	94%	89%	74%
Mean	5.82	5.82	-	5.69	5.60	5.83	6.09	5.57	6.09	5.86	5.40
Std. Dev.	1.03	1.03	-	1.08	1.03	1.08	0.90	0.99	0.94	1.00	1.10

APNIC is respected in the Internet community	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
Strongly disagree	0%	0%	-	1%	0%	0%	0%	0%	1%	0%	1%
2	0%	0%	-	0%	0%	0%	0%	4%	0%	0%	1%
3	0%	0%	-	1%	0%	0%	1%	0%	0%	0%	1%
Neutral	6%	6%	-	12%	6%	5%	2%	9%	3%	6%	10%
5	6%	6%	-	9%	6%	9%	2%	9%	3%	7%	9%
6	46%	46%	-	48%	54%	54%	35%	35%	37%	49%	53%
Strongly agree	41%	41%	-	30%	33%	32%	60%	43%	57%	38%	26%
Top 3	93%	93%	-	87%	93%	95%	97%	87%	96%	94%	88%
Mean	6.18	6.18	-	5.93	6.10	6.12	6.50	6.00	6.44	6.17	5.90
Std. Dev.	0.93	0.93	-	1.02	0.93	0.85	0.79	1.28	0.87	0.86	1.02

Q36. *The APNIC EC has set a target capital reserve for APNIC which is equal to 18 months of operating expenses to ensure stability and safeguard against unforeseen circumstances. In your opinion, how many months of operating expenses should APNIC hold in reserve?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	903	903	-	199	206	207	268	23	238	455	187
12 months	13%	13%	-	11%	8%	17%	16%	13%	18%	13%	6%
18 months	35%	35%	-	35%	43%	33%	29%	35%	31%	34%	41%
24 months	24%	24%	-	24%	21%	22%	29%	26%	28%	23%	23%
Other	0%	0%	-	1%	0%	1%	0%	0%	0%	0%	1%
Don't know	27%	27%	-	29%	29%	27%	26%	26%	22%	30%	29%

Q38. Which of these phrases best describes the way you speak about APNIC to others?

	Total	APNIC	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
I am critical of APNIC without being asked	3%	2%	5%	7%	0%	2%	2%	3%	2%	4%	0%
I tend to be critical of APNIC if I am asked	3%	3%	2%	2%	2%	4%	2%	3%	3%	3%	3%
I am neutral	39%	36%	47%	50%	32%	48%	26%	39%	27%	40%	49%
I speak well about APNIC if I am asked	44%	48%	32%	33%	49%	39%	53%	47%	51%	40%	43%
I speak highly of APNIC without being asked	12%	12%	14%	9%	16%	7%	17%	8%	18%	13%	5%
Top 3	95%	95%	93%	91%	97%	94%	96%	95%	96%	93%	97%
Mean	3.60	3.64	3.49	3.35	3.77	3.46	3.82	3.55	3.80	3.54	3.52
Std. Dev.	0.84	0.80	0.93	0.91	0.75	0.76	0.80	0.80	0.82	0.90	0.64

Q40. What is your role within the organisation?

	Total	Members	Stakeholders	East Asia	Oceania	SE Asia	South Asia	Non APNIC Regions	LDEs	Developing	Developed
Sample Size	1,241	903	338	337	251	259	356	38	294	672	237
IT/ICT Manager or equivalent	33%	34%	30%	31%	32%	37%	32%	24%	35%	32%	34%
Technical operations	32%	33%	28%	35%	32%	33%	27%	34%	29%	33%	31%
Executive Director, Managing Director, CEO/CFO/CTO or equivalent	18%	19%	16%	10%	25%	15%	24%	21%	18%	17%	23%
Other	8%	6%	14%	9%	5%	7%	9%	11%	10%	7%	6%
Administration	4%	3%	5%	4%	1%	4%	4%	5%	3%	5%	0%
Software development	2%	1%	4%	3%	2%	1%	2%	3%	2%	2%	2%
Business development	2%	2%	2%	2%	2%	2%	1%	3%	2%	2%	1%
Commercial operations	2%	2%	2%	4%	0%	1%	1%	0%	1%	2%	2%