



APNIC 2016 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 2016 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.



Q2. What type of organization do you work for?

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	Eastern Asia	Oceania	South Eastern Asia	Southern Asia	Non Asia Pacific
Sample Size	1,169	806	363	169	315	685	264	282	257	320	45
Internet service provider (ISP)	32%	33%	32%	49%	16%	36%	37%	14%	37%	44%	16%
Telecommunications/Mobile operator	11%	13%	7%	14%	11%	11%	8%	13%	12%	9%	20%
Hosting/Data centre	11%	11%	10%	5%	14%	11%	15%	13%	10%	7%	7%
Academic/Educational/Research	9%	8%	9%	5%	10%	9%	6%	11%	12%	7%	2%
Other	7%	7%	7%	5%	12%	6%	3%	12%	4%	8%	11%
Banking/Financial	6%	7%	4%	6%	8%	5%	5%	7%	5%	6%	11%
Government/Regulator/Municipality	5%	4%	6%	4%	9%	3%	1%	12%	5%	2%	0%
Non-profit/NGO/Internet community	4%	2%	9%	3%	3%	5%	6%	3%	2%	4%	7%
Enterprise/Manufacturing/Retail	3%	4%	3%	1%	5%	3%	5%	5%	2%	3%	2%
Software vendor	3%	2%	3%	1%	4%	3%	2%	4%	1%	3%	7%
Media/Entertainment	2%	2%	1%	2%	3%	2%	2%	2%	2%	1%	7%
Domain name registry/Registrar	2%	1%	3%	0%	0%	3%	3%	0%	5%	0%	2%
NREN/Research network	1%	1%	2%	3%	1%	1%	3%	1%	0%	2%	0%
Infrastructure (transport/hospital)	1%	1%	0%	1%	2%	1%	1%	2%	0%	1%	2%
Internet exchange point (IXP)	1%	1%	1%	1%	1%	1%	1%	0%	2%	1%	4%
Hardware vendor	1%	0%	1%	1%	1%	1%	2%	0%	0%	1%	2%
Industrial (construction, mining, oil)	1%	0%	1%	1%	1%	0%	0%	1%	0%	1%	0%



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

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1,175	806	369	170	316	689	268	283	257	321	46
APNIC Member/Account Holder	69%	100%	0%	80%	88%	57%	50%	89%	62%	69%	85%
Member of an NIR in APNIC Region	20%	0%	63%	5%	4%	31%	42%	3%	26%	13%	4%
Other Stakeholder	12%	0%	37%	15%	8%	12%	8%	8%	12%	18%	11%



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

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non APNIC
Sample Size	1175	806	369	170	316	689	268	282	257	321	46
None	12%	9%	20%	9%	12%	13%	12%	12%	12%	14%	4%
1-5 times	49%	52%	42%	36%	63%	45%	43%	63%	47%	39%	72%
More than 5 times	28%	32%	21%	39%	21%	29%	35%	20%	27%	31%	22%
Don't know/I can't remember	11%	8%	18%	15%	4%	13%	9%	5%	14%	16%	2%

Q5. Over the past 2 years have you?



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1030	735	295	155	278	597	235	247	227	276	44
Total Mentions	4545	3684	861	884	1316	2345	760	1160	1076	1326	222
Visited the website	75%	77%	71%	81%	82%	70%	65%	83%	76%	76%	73%
Used MyAPNIC	59%	59%	0%	49%	64%	30%	23%	59%	39%	40%	68%
Applied for IP addresses	53%	53%	0%	48%	44%	32%	20%	43%	44%	41%	55%
Used the Whois Database	49%	53%	39%	49%	60%	43%	36%	58%	50%	48%	66%
Received IP addresses	45%	45%	0%	45%	41%	25%	15%	41%	32%	36%	48%
Read the blog	43%	41%	46%	54%	40%	41%	37%	42%	42%	50%	39%
Contacted the helpdesk	33%	33%	0%	32%	28%	19%	11%	28%	26%	27%	30%
Used reverse DNS	27%	27%	0%	20%	33%	13%	11%	32%	17%	16%	30%
Handling your query	22%	0%	22%	3%	4%	8%	10%	3%	5%	7%	2%
Attend conference/event	22%	21%	24%	39%	14%	21%	21%	15%	33%	21%	16%
Attended training	22%	22%	20%	44%	9%	22%	16%	13%	27%	32%	5%
Personally met with APNIC	17%	16%	22%	34%	10%	17%	13%	12%	21%	24%	16%
Attended presentation	15%	13%	22%	24%	9%	16%	12%	9%	21%	18%	18%
Technical assistance	13%	13%	0%	15%	11%	8%	2%	11%	11%	13%	14%
Transferred IPv4 addresses	12%	12%	0%	9%	10%	8%	9%	9%	10%	7%	7%
Participate SIGs/Meeting's	7%	5%	11%	7%	6%	7%	9%	4%	7%	7%	11%
Used RPKI services	5%	5%	0%	11%	3%	3%	1%	2%	4%	8%	2%
Policy Development	5%	4%	7%	5%	3%	5%	7%	2%	5%	5%	5%
None of these	2%	1%	5%	1%	1%	4%	5%	1%	2%	3%	0%
Other	2%	1%	4%	1%	2%	2%	2%	2%	2%	1%	2%





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	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
APNIC website	772	564	208	125	229	418	152	206	173	209	32
Poor	0%	0%	0%	1%	0%	0%	1%	0%	0%	0%	0%
2	0%	0%	5 0%	0%	0%	0%	0%	0%	1%	0%	0%
3	1%	1%	5 O%	1%	2%	1%	1%	1%	5 1%	1%	3%
Neutral	12%	12%	5 13%	8%	14%	13%	15%	14%	5 15%	7%	13%
5	19%	19%	5 19%	12%	30%	16%	20%	27%	5 19%	10%	25%
6	40%	42%	34%	42%	43%	37%	34%	44%	39%	40%	41%
Excellent	27%	25%	34%	37%	11%	33%	30%	14%	26%	41%	19%
Тор З	86%	86%	86%	90%	84%	86%	84%	84%	84%	91%	84%
Mean	5.78	5.76	5 5.84	6.02	5.47	5.88	5.74	5.54	5.73	6.11	5.59
Std. Dev.	1.06	1.03	1.12	1.04	0.96	1.07	1.13	0.98	1.06	1.00	1.04

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
MyAPNIC	430	430	-	76	177	177	55	145	89	111	30
Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	1%	1%	2%	1%	0%	0%	0%
3	2%	2%	-	0%	3%	1%	4%	3%	0%	1%	0%
Neutral	7%	7%	-	5%	8%	7%	18%	8%	4%	5%	3%
5	19%	19%	-	12%	25%	15%	16%	23%	22%	8%	30%
6	42%	42%	-	33%	46%	41%	42%	45%	45%	33%	47%
Excellent	30%	30%	-	50%	18%	34%	18%	21%	28%	53%	20%
Top 3	90%	90%		95%	88%	91%	76%	88%	96%	95%	97%
Mean	5.90	5.90	-	6.28	5.64	5.99	5.47	5.70	5.97	6.33	5.83
Std. Dev.	1.01	1.01	-	0.87	1.01	0.99	1.20	1.04	0.83	0.88	0.79



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
IP address application	389	389	-	- 74	123	192	46	105	100	114	24
Poor	0%	0%	-	- 0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	- 0%	0%	1%	2%	0%	0%	0%	0%
3	0%	0%	-	- 0%	0%	0%	0%	0%	0%	0%	0%
Neutral	7%	7%	-	- 7%	7%	7%	13%	8%	7%	4%	4%
5	16%	16%	-	- 12%	20%	16%	20%	21%	17%	11%	13%
6	36%	36%	-	36%	38%	34%	26%	40%	40%	32%	33%
Excellent	41%	41%	-	45%	35%	43%	39%	31%	36%	52%	50%
Тор З	93%	93%		93%	93%	93%	85%	92%	93%	96%	96%
Mean	6.09	6.09	-	6.19	6.01	6.11	5.85	5.95	6.05	6.32	6.29
Std. Dev.	0.94	0.94	-	0.90	0.92	0.97	1.21	0.91	0.90	0.84	0.86

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Whois Database	501	387	114	76	167	258	83	144	113	132	29
Poor	1%	1%	1%	0%	1%	1%	4%	1%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	0%	1%	0%	0%	1%	0%	0%	1%	0%	0%	0%
Neutral	6%	5%	11%	3%	7%	7%	6%	8%	5 7%	5%	3%
5	15%	16%	13%	14%	20%	12%	14%	18%	5 17%	8%	28%
6	41%	43%	33%	30%	50%	38%	43%	48%	41%	30%	45%
Excellent	37%	35%	41%	53%	22%	41%	33%	24%	35%	56%	24%
Тор З	92%	94%	88%	97%	91%	92%	90%	90%	93%	95%	97%
Mean	6.03	6.04	6.01	6.33	5.81	6.09	5.88	5.83	6.04	6.37	5.90
Std. Dev.	1.00	0.97	1.11	0.82	0.96	1.05	1.27	1.00	0.90	0.85	0.82



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
IP address allocation	331	331	-	70	114	147	36	102	73	99	21
Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	0%	1%	3%	0%	0%	0%	0%
3	1%	1%	-	1%	0%	1%	0%	0%	3%	0%	5 O%
Neutral	7%	7%		10%	7%	5%	14%	8%	8%	3%	0%
5	14%	14%	-	9%	20%	12%	14%	19%	12%	10%	5 19%
6	37%	37%	-	30%	41%	36%	28%	40%	45%	28%	43%
Excellent	42%	42%	-	50%	32%	46%	42%	33%	32%	59%	38%
Top 3	92%	92%)	89%	93%	94%	83%	92%	89%	97%	5 100%
Mean	6.11	6.11		6.17	5.97	6.19	5.89	5.99	5.95	6.42	6.19
Std. Dev.	0.96	0.96	-	1.05	0.90	0.95	1.26	0.92	1.01	0.80	0.75

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
APNIC Blog	440	303	137	84	112	244	87	103	95	138	17
Poor	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
3	0%	1%	0%	0%	1%	0%	0%	1%	0%	1%	0%
Neutral	18%	18%	16%	15%	25%	15%	24%	25%	14%	13%	0%
5	23%	21%	27%	17%	21%	25%	22%	22%	28%	20%	18%
6	31%	33%	27%	35%	36%	27%	23%	34%	32%	31%	47%
Excellent	28%	27%	30%	33%	17%	31%	29%	17%	26%	35%	35%
Тор З	81%	80%	84%	85%	74%	84%	74%	74%	86%	86%	100%
Mean	5.66	5.64	5.71	5.86	5.43	5.70	5.48	5.42	5.71	5.86	6.18
Std. Dev.	1.11	1.13	1.07	1.05	1.07	1.14	1.30	1.08	1.01	1.06	0.73



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	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
APNIC helpdesk	241	241	-	50	79	112	25	70	58	75	13
Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	1%	0%	0%	1%	0%	0%	0%
3	2%	2%	-	2%	3%	1%	4%	1%	0%	3%	0%
Neutral	7%	7%	-	8%	5%	7%	8%	6%	9%	5%	8%
5	8%	8%	-	4%	5%	13%	8%	6%	10%	9%	8%
6	36%	36%	-	24%	42%	37%	40%	39%	45%	24%	38%
Excellent	47%	47%	-	62%	44%	43%	40%	47%	36%	59%	46%
Тор З	91%	91%		90%	91%	92%	88%	91%	5	92%	92%
Mean	6.19	6.19	-	6.36	6.16	6.13	6.04	6.20	6.09	6.31	6.23
Std. Dev.	1.00	1.00	-	1.03	1.06	0.95	1.10	1.04	0.90	1.03	0.93

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Reverse DNS service	202	202	-	31	92	79	26	79	39	45	13
Poor	0%	0%		0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
3	2%	2%	-	0%	4%	0%	4%	4%	0%	0%	0%
Neutral	6%	6%	-	3%	8%	5%	12%	9%	0%	4%	0%
5	14%	14%	-	3%	16%	15%	12%	16%	18%	7%	15%
6	41%	41%	-	29%	48%	38%	42%	49%	41%	29%	31%
Excellent	37%	37%	-	65%	24%	42%	31%	22%	41%	60%	54%
Тор З	92%	92%		97%	88%	95%	85%	87%	100%	96%	100%
Mean	6.05	6.05	-	6.55	5.79	6.16	5.85	5.76	6.23	6.44	6.38
Std. Dev.	0.96	0.96	-	0.72	1.03	0.87	1.12	1.02	0.74	0.81	0.77



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Handling your query	64		64	5	10	49	24	8	12	19	1
Poor	2%	-	- 2%	0%	0%	2%	0%	0%	0%	5%	0%
2	0%	-	- 0%	0%	0%	0%	0%	0%	0%	0%	0%
3	3%	-	- 3%	0%	10%	2%	4%	13%	0%	0%	0%
Neutral	16%	-	- 16%	0%	20%	16%	17%	25%	17%	11%	0%
5	11%	-	- 11%	0%	20%	10%	17%	13%	8%	0%	100%
6	27%	-	- 27%	0%	30%	29%	21%	25%	42%	26%	0%
Excellent	42%	-	42%	100%	20%	41%	42%	25%	33%	58%	0%
Тор З	80%		- 80%	100%	70%	80%	79%	63%	83%	84%	100%
Mean	5.83	-	5.83	7.00	5.30	5.82	5.79	5.25	5.92	6.11	5.00
Std. Dev.	1.35	-	- 1.35	0.00	1.34	1.36	1.28	1.49	1.08	1.56	-

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Conference/Events	226	156	70	60	38	128	49	36	76	57	7
Poor	0%	1%	0%	0%	0%	1%	2%	0%	0%	0%	0%
2	0%	1%	0%	0%	0%	1%	0%	0%	1%	0%	0%
3	0%	0%	1%	0%	0%	1%	0%	0%	0%	2%	0%
Neutral	7%	6%	7%	3%	5%	9%	10%	3%	8%	2%	14%
5	15%	16%	14%	13%	16%	16%	12%	17%	22%	11%	0%
6	37%	40%	30%	33%	53%	34%	43%	39%	37%	30%	57%
Excellent	39%	36%	47%	50%	26%	38%	33%	42%	32%	56%	29%
Тор З	92%	92%	91%	97%	95%	89%	88%	97%	91%	96%	86%
Mean	6.05	6.01	6.14	6.30	6.00	5.95	5.90	6.19	5.88	6.37	6.00
Std. Dev.	1.02	1.02	1.01	0.83	0.81	1.14	1.18	0.82	1.03	0.88	1.00



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Training	222	163	59	68	25	129	37	33	62	88	2
Poor	0%	0%	2%	0%	0%	1%	3%	0%	0%	0%	0%
2	0%	1%	0%	0%	0%	1%	0%	0%	0%	1%	0%
3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Neutral	8%	7%	10%	6%	12%	9%	19%	9%	5%	6%	0%
5	19%	20%	15%	22%	24%	16%	19%	18%	21%	17%	50%
6	33%	34%	29%	22%	44%	36%	22%	39%	44%	27%	50%
Excellent	39%	37%	44%	50%	20%	37%	38%	33%	31%	49%	0%
Тор З	91%	92%	88%	94%	88%	90%	78%	91%	95%	93%	100%
Mean	6.00	6.00	6.00	6.16	5.72	5.97	5.68	5.97	6.00	6.16	5.50
Std. Dev.	1.05	0.99	1.20	0.97	0.94	1.10	1.40	0.95	0.85	1.03	0.71

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Meeting with APNIC	178	114	64	51	27	100	31	29	46	66	6
Poor	1%	1%	0%	0%	4%	0%	0%	0%	0%	0%	17%
2	1%	1%	0%	2%	0%	0%	0%	0%	0%	2%	0%
3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Neutral	7%	6%	8%	8%	4%	7%	10%	3%	7%	8%	0%
5	9%	11%	6%	6%	15%	9%	6%	10%	15%	5%	17%
6	29%	33%	20%	29%	33%	27%	29%	28%	35%	21%	67%
Excellent	54%	48%	66%	55%	44%	57%	55%	59%	43%	65%	0%
Тор З	92%	92%	92%	90%	93%	93%	90%	97%	93%	91%	83%
Mean	6.27	6.18	6.44	6.25	6.04	6.34	6.29	6.41	6.15	6.39	5.00
Std. Dev.	1.03	1.08	0.92	1.09	1.32	0.91	0.97	0.82	0.92	1.05	2.00



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Presentation	157	93	64	37	26	94	28	22	48	51	. 8
Poor	1%	1%	0%	3%	0%	0%	0%	0%	0%	2%	0%
2	2%	2%	2%	0%	12%	0%	0%	5%	G 0%	0%	25%
3	0%	0%	0%	0%	0%	0%	0%	0%	G 0%	0%	0%
Neutral	7%	3%	13%	5%	8%	7%	11%	9%	6%	6%	0%
5	14%	12%	17%	19%	8%	14%	7%	23%	5 15%	14%	13%
6	41%	46%	34%	38%	62%	37%	39%	36%	48%	35%	63%
Excellent	35%	35%	34%	35%	12%	41%	43%	27%	31%	43%	0%
Top 3	90%	94%	86%	92%	81%	93%	89%	86%	5 94%	92%	75%
Mean	5.96	6.03	5.86	5.92	5.42	6.13	6.14	5.68	6.04	6.08	4.88
Std. Dev.	1.11	1.11	1.13	1.21	1.45	0.92	0.97	1.25	0.85	1.15	1.81

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Technical assistance	99	99	-	23	30	46	5	28	25	35	6
Poor	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
2	1%	1%	-	0%	3%	0%	0%	4%	0%	0%	0%
3	1%	1%	-	4%	0%	0%	0%	0%	4%	0%	0%
Neutral	3%	3%	-	4%	0%	4%	0%	0%	0%	9%	0%
5	12%	12%	-	4%	10%	17%	20%	7%	12%	14%	17%
6	33%	33%	-	30%	33%	35%	0%	32%	48%	31%	17%
Excellent	49%	49%	-	57%	53%	43%	80%	57%	36%	46%	67%
Тор З	95%	95%		91%	97%	96%	100%	96%	96%	91%	100%
Mean	6.24	6.24	-	6.30	6.30	6.17	6.60	6.36	6.12	6.14	6.50
Std. Dev.	0.97	0.97	-	1.06	1.06	0.88	0.89	1.06	0.93	0.97	0.84



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
IPv4 transfers	88	88	-	14	27	47	20	22	23	20	3
Poor	1%	1%	-	7%	0%	0%	0%	0%	0%	5%	0%
2	1%	1%	-	0%	4%	0%	5%	0%	0%	0%	0%
3	2%	2%	-	0%	7%	0%	5%	5%	0%	0%	0%
Neutral	13%	13%	-	7%	7%	17%	25%	9%	9%	10%	0%
5	16%	16%	-	29%	19%	11%	10%	18%	4%	30%	33%
6	36%	36%	-	14%	44%	38%	20%	45%	48%	30%	33%
Excellent	31%	31%	-	43%	19%	34%	35%	23%	39%	25%	33%
Тор З	83%	83%		86%	81%	83%	65%	86%	91%	85%	100%
Mean	5.73	5.73	-	5.64	5.48	5.89	5.40	5.73	6.17	5.50	6.00
Std. Dev.	1.26	1.26	-	1.69	1.31	1.07	1.57	1.08	0.89	1.43	1.00

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
SIG/Meetings etc	70	39	31	11	16	43	20	10	15	20	5
Poor	1%	0%	3%	0%	0%	2%	5%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	3%	0%	0%	0%	2%	0%	0%	0%	5%	0%
Neutral	13%	5%	23%	0%	6%	19%	20%	10%	13%	10%	0%
5	21%	28%	13%	27%	50%	9%	10%	30%	13%	20%	80%
6	37%	44%	29%	45%	38%	35%	30%	30%	60%	35%	20%
Excellent	26%	21%	32%	27%	6%	33%	35%	30%	13%	30%	0%
Тор З	84%	92%	74%	100%	94%	77%	75%	90%	87%	85%	100%
Mean	5.67	5.74	5.58	6.00	5.44	5.67	5.60	5.80	5.73	5.75	5.20
Std. Dev.	1.18	0.94	1.43	0.77	0.73	1.38	1.57	1.03	0.88	1.16	0.45



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
RPKI service	40	40	-	17	8	15	3	6	8	22	1
Poor	3%	3%		6%	0%	0%	0%	0%	0%	5%	0%
2	0%	0%		0%	0%	0%	0%	0%	0%	0%	0%
3	0%	0%		0%	0%	0%	0%	0%	0%	0%	0%
Neutral	13%	13%		6%	13%	20%	33%	33%	13%	5%	0%
5	15%	15%		6%	25%	20%	33%	17%	0%	18%	0%
6	33%	33%		24%	38%	40%	33%	17%	50%	27%	100%
Excellent	38%	38%		59%	25%	20%	0%	33%	38%	45%	0%
Тор З	85%	85%		88%	88%	80%	67%	67%	88%	91%	100%
Mean	5.85	5.85	-	6.12	5.75	5.60	5.00	5.50	6.13	5.95	6.00
Std. Dev.	1.29	1.29	-	1.58	1.04	1.06	1.00	1.38	0.99	1.43	-

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Policy Development	48	27	21	8	8	32	16	4	12	14	2
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%	5%	0%	0%	3%	0%	0%	0%	7%	0%
Neutral	13%	15%	10%	0%	25%	13%	19%	25%	0%	7%	50%
5	21%	22%	19%	25%	25%	19%	13%	0%	42%	14%	50%
6	42%	37%	48%	38%	50%	41%	50%	50%	33%	43%	0%
Excellent	23%	26%	19%	38%	0%	25%	19%	25%	25%	29%	0%
Top 3	85%	85%	86%	100%	75%	84%	81%	75%	100%	86%	50%
Mean	5.71	5.74	5.67	6.13	5.25	5.72	5.69	5.75	5.83	5.79	4.50
Std. Dev.	1.03	1.02	1.06	0.83	0.89	1.08	1.01	1.26	0.83	1.19	0.71

Q8. * Thinking about APNIC overall, how would you rate the following?

	Total	APNIC Account Holder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Quality of Service	733	733	129	250	354	113	222	153	207	38
Poor	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
3	1%	1%	0%	1%	1%	2%	1%	0%	0%	0%
Neutral	7%	7%	7%	8%	7%	17%	7%	6%	4%	5%
5	15%	15%	9%	18%	15%	12%	19%	18%	11%	13%
6	41%	41%	35%	44%	41%	35%	45%	51%	32%	37%
Excellent	36%	36%	49%	29%	36%	33%	27%	25%	53%	45%
Тор 3	92%	92%	93%	91%	92%		92%		96%	
Mean	6.03	6.03	6.26	5.91	6.03		5.91		6.34	
Std. Dev.	0.95	0.95	0.90	0.94	0.98	1.26	0.91	0.82	0.83	0.87
Value of services	732	732	128	250	354	113	222	153	206	38
Poor	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%
3	1%	1%	0%	2%	1%	2%	2%	0%	0%	0%
Neutral	8%	8%	6%	12%	7%	17%	10%	7%	3%	11%
5	14%	14%	9%	16%	13%	12%	17%	18%	7%	16%
6	40%	40%	37%	42%	40%	37%	43%	46%	36%	32%
Excellent	37%	37%	48%	28%	38%	30%	29%	30%	52%	42%
Тор 3	90%	90%	94%	87%	92%	80%	88%	93%	96%	89%
Mean	6.02	6.02	6.26	5.84	6.06	5.72	5.87	5.99	6.37	6.05
Std. Dev.	0.99	0.99	0.87	1.02	0.98	1.21	1.00	0.86	0.80	1.01
Value of membership	733	733	128	250	355	114	222		206	
Poor	0%	0%	1%	0%	0%	0%	0%	0%	1%	
2	1%	1%	0%	2%	1%		2%		0%	
3	2%	2%	0%	3%	2%	3%	3%	0%	1%	0%
Neutral	12%	12%	9%	16%	9%	18%	14%		5%	
5	16%	16%	7%	21%	15%		23%	20%	7%	
6	35%	35%	30%	35%	36%		35%		32%	
Excellent	35%	35%	52%	24%	37%		24%		54%	
Тор З	86%	86%	90%	80%	88%		81%		93%	
Mean	5.86	5.86	6.23	5.56	5.94	5.61	5.57		6.28	
Std. Dev.	1.15	1.15	1.06	1.19	1.10	1.25	1.19	0.95	1.05	1.13





Q9.* Over the last two (2) years, would you say that APNIC's service delivery to your organisation has:

	Total	APNIC Account Holder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	723	723	128	248	347	113	219	150	203	38
Declined significantly	1%	1%	1%	0%	1%	1%	0%	1%	0%	6 0%
Declined slightly	1%	1%	0%	0%	2%	4%	0%	0%	1%	6 0%
Stayed the same	43%	43%	16%	69%	33%	41%	69%	33%	21%	55%
Improved slightly	33%	33%	40%	22%	38%	34%	21%	42%	39%	s 29%
Improved significantly	23%	23%	43%	8%	26%	21%	9%	24%	39%	ы́ 16%
Top 2	56%	56%	83%	30%	64%	55%	30%	66%	78%	6 45%
Mean	3.76	3.76	4.24	3.36	3.88	3.71	3.37	3.87	4.17	3.61
Std. Dev.	0.83	0.83	0.78	0.65	0.84	0.87	0.67	0.82	0.78	3 0.75



SSQ5. **Overall, how would you rate your experience dealing with APNIC?

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	292	-	292	26	28	238	117	25	74	69	6
Poor	2%	-	- 2%	0%	7%	2%	3%	4%	1%	1%	17%
2	0%	-	- 0%	0%	0%	0%	0%	0%	0%	0%	0%
3	1%	-	- 1%	0%	0%	2%	2%	0%	3%	0%	0%
Neutral	20%	-	- 20%	15%	14%	21%	22%	8%	26%	16%	17%
5	13%	-	- 13%	19%	14%	12%	12%	8%	19%	6%	33%
6	24%	-	- 24%	23%	32%	23%	14%	36%	31%	30%	17%
Excellent	39%	-	- 39%	42%	32%	40%	48%	44%	20%	46%	17%
Тор 3	76%	-	- 76%	85%	79%	75%	74%	88%	70%	83%	67%
Mean	5.70	-	5.70	5.92	5.54	5.70	5.74	6.00	5.35	6.01	4.67
Std. Dev.	1.40	-	1.40	1.13	1.64	1.40	1.49	1.38	1.27	1.24	2.07



Q11. *Has your organisation already deployed or are you ready for deployment of IPv6?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	805	136	279	390	134	251	160	221	39
Yes, IPv6 is fully deployed	15%	8%	14%	19%	24%	7%	24%	ő 10%	41%
Yes, IPv6 is deployed in our core network	21%	18%	17%	25%	28%	17%	20%	6 21%	23%
Have a deployment plan	29%	47%	21%	28%	18%	24%	33%	б 41%	13%
No	35%	27%	48%	29%	31%	53%	24%	<u> </u>	23%

Q12. *When do you expect the deployment to be completed?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	230	64	58	108	24	59	52	90	5
This year	11%	6%	16%	12%	4%	19%	12%	9%	0%
In 2017	32%	41%	26%	31%	21%	24%	42%	36%	20%
In 2018	20%	13%	16%	27%	25%	19%	23%	19%	0%
In 2019	6%	6%	5%	6%	8%	2%	6%	6%	40%
In 2020	7%	11%	5%	6%	8%	7%	0%	11%	0%
Sometime after 2020	6%	9%	3%	5%	8%	3%	4%	8%	0%
Don't know	18%	14%	29%	15%	25%	27%	13%	12%	40%



Q13. *What are the MAIN challenges that are affecting your organisation's deployment of IPv6?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	680	125	239	316	101	233	122	201	23
Total Mentions	1634	311	579	744	224	561	301	489	59
No demand for IPv6 from customers	46%	50%	47%	43%	40%	49%	46%	47%	30%
Customers are not ready for IPv6	36%	48%	29%	36%	43%	27%	40%	40%	35%
Lack of skills and expertise within our organisation	28%	36%	28%	26%	11%	29%	37%	30%	35%
No clear business / technical advantages or reasons to adopt IPv6	27%	10%	36%	26%	24%	36%	29%	16%	22%
Legacy systems	20%	6%	32%	16%	12%	32%	17%	10%	30%
Lack of applications that can run on IPv6	19%	20%	12%	23%	23%	10%	23%	22%	30%
Lack of training	17%	34%	6%	19%	7%	7%	20%	32%	9%
Upstream providers do not support IPv6	11%	14%	12%	10%	19%	11%	9%	9%	13%
Risks with IPv4 are lower than deployment of IPv6	11%	4%	17%	10%	14%	15%	8%	7%	17%
Cost of deploying is too high	8%	9%	5%	9%	8%	6%	6%	11%	0%
Too expensive to run both IPv4 and IPv6	7%	9%	6%	7%	13%	4%	2%	9%	13%
Other	6%	6%	8%	4%	3%	8%	4%	5%	13%
The perceived risks of deploying IPv6 are high	5%	2%	5%	5%	7%	5%	6%	3%	9%



Q14. *What do you think are the MOST EFFECTIVE ways that APNIC could assist your organisation to transition to or deploy IPv6?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	676	124	238	314	99	233	122	200	22
Total Mentions	1701	333	572	796	223	568	328	531	51
Provide case studies and best current practices about IPv6	49%	46%	45%	53%	46%	46%	59%	48%	45%
Provide more advanced training in IPv6	46%	60%	32%	52%	38%	35%	54%	61%	27%
Promote the benefits of IPv6 to management and/or decision makers	39%	35%	43%	37%	34%	42%	41%	35%	50%
Promote the benefits of IPv6 to customers/consumers	38%	40%	41%	34%	31%	36%	39%	40%	50%
Facilitate knowledge sharing between member organisations on IPv6 deployment experiences	31%	34%	26%	33%	24%	30%	38%	33%	18%
Promote the advantages of IPv6 to hardware, software and/or content providers		28%	23%	24%	20%	25%	20%	29%	14%
Promote the advantages of IPv6 to government and related organisations	20%	25%	22%	17%	23%	21%	16%	21%	18%
APNIC should take no action to promote or assist with the deployment of IPv6	4%	0%	7%	3%	7%	6%	1%	1%	9%

Q16. *Thinking about your Internet-related services, products or activities (in particular those related to APNIC's role and responsibilities) what are the MAIN challenges facing your organisation? Please rank these in order of their importance, where 1 is the MOST important challenge.

	Rank1	Rank2	Rank3	Rank4 F	Rank5	Rank6	Rank7 I	Rank8 I	Rank9	Rank10	Rank11	Rank12	Rank13
Network security – intrusion and other breaches	5 16%	S 13%	12%	8%	9%	6%	7%	4%	10%	4%	4%	3%	4%
DDoS attacks	5 13%	5 11%	9%	8%	10%	6%	6%	12%	2%	5%	4%	5%	11%
Getting more IPv4 addresses	i 10%	6%	6%	7%	6%	4%	7%	10%	7%	7%	4%	5%	3%
Management of bandwidth or network capacity	8%	6%	11%	10%	13%	12%	9%	4%	11%	9%	10%	8%	5%
Phishing, Spam, Malware, Ransomware	e 7%	5 11%	7%	8%	8%	6%	10%	8%	2%	6%	4%	1%	3%
Hiring and/or keeping skilled employees	5 7%	ő 7%	8%	10%	7%	7%	7%	3%	7%	10%	3%	7%	9%
Customer unwillingness to use IPv6	5 7%	6%	8%	6%	4%	12%	5%	8%	6%	2%	4%	3%	11%
Lack of awareness of IPv6 in my organization	n 6%	5 7%	4%	7%	5%	3%	5%	9%	11%	5%	7%	11%	1%
Deploying IPv6 in customer networks	5%	5 %	6%	3%	9%	4%	10%	9%	5%	12%	8%	9%	9%
Cost of deploying IPv6	5 5%	6%	5%	5%	4%	7%	10%	2%	9%	10%	9%	8%	0%
Routing security	/ 5%	6%	8%	10%	6%	10%	6%	5%	6%	6%	8%	8%	4%
Lack of IPv6 applications	5 4%	6%	6%	8%	6%	5%	4%	9%	6%	6%	8%	7%	7%
Risks of deploying IPv6	5 3%	4%	4%	2%	3%	7%	9%	6%	4%	5%	11%	9%	12%
Deploying NAT	- 2%	4%	3%	5%	4%	7%	0%	2%	10%	4%	12%	4%	12%
Brokers selling/leasing IPv4 addresses	5 19	ő 2%	1%	3%	3%	2%	6%	9%	2%	7%	4%	11%	5%
Total													

survey matters.



Q17. * Do you believe APNIC has a role to play in helping you address these challenges?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	777	129	273	375	130	246	153	210	38
Getting more IPv4 addresses	80%	83%	73%	84%	81%	73%	84%	86%	5 74%
Routing security	67%	73%	58%	72%	75%	57%	77%	65%	5 74%
Brokers leasing / selling IPv4 addresses	65%	51%	66%	68%	73%	68%	67%	55%	58%
Risks of deploying IPv6	65%	74%	57%	68%	76%	59%	69%	66%	50%
Lack of awareness of IPv6 in my organisation	63%	66%	55%	68%	72%	56%	63%	67%	55%
Customer unwillingness to use IPv6	61%	67%	57%	63%	66%	55%	62%	65%	63%
Network security – intrusion and other breaches	54%	70%	35%	64%	62%	36%	68%	65%	6 41%
Deploying IPv6 in customer networks	54%	61%	41%	61%	67%	44%	60%	57%	38%
DDoS attackes	53%	67%	39%	60%	56%	40%	63%	64%	5 44%
Cost of deploying IPv6	52%	55%	41%	58%	65%	44%	55%	53%	37%
Lack of IPv6 applications	50%	65%	30%	60%	58%	31%	58%	67%	31%
Phishing, Spam etc.	50%	67%	32%	58%	55%	32%	63%	62%	46%
Management of bandwidth & capacity	34%	48%	15%	44%	46%	18%	46%	43%	5 15%
Deploying NAT	33%	41%	13%	45%	49%	16%	38%	44%	5 11%
Hiring / keeping skilled employees	33%	46%	10%	46%	58%	11%	39%	44%	8%



Q19. *Do you think that the APNIC Executive Council and Secretariat understand the challenges faced in providing your Internet-related services, products or activities?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	805	135	279	391	134	251	160	221	. 39
Yes	61%	78%	49%	65%	63%	49%	63%	74%	59%
No	4%	1%	5%	4%	4%	4%	3%	4%	8%
Unsure	35%	21%	46%	31%	33%	47%	35%	22%	33%

The majority of APNIC's resources and expenditure in the 2016 activity plan are allocated to serving Members. The APNIC EC allocates the annual budget across four (4) categories:



Serving Members – technical infrastructure, customer service, registration services and Member training

Regional Development & Outreach – APNIC conferences, community engagement, regional technical development, APNIC foundation

Global Cooperation – global technical community collaboration, global outreach and information sharing, inter-Governmental outreach and coordination

Corporate – finance & administration, human resource management, legal and governance, facilities (which equate to 20% of the total budget)

Q 21. *Apart from Corporate operations, please indicate what percentage of the total budget you think should be allocated to these other APNIC services and activities?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Service Members	806	136	279	391	134	251	160	222	39
Mean	33.16	31.41	35.73	31.94	35.57	35.70	31.37	29.71	35.59
Std. Dev.	14.20	14.56	13.78	14.15	15.14	14.02	13.90	13.30	13.72
Regional Development	806	136	279	391	134	251	160	222	39
Mean	27.15	29.39	24.95	27.95	25.60	25.85	27.04	30.05	24.82
Std. Dev.	11.17	11.99	10.86	10.85	10.83	11.48	10.84	11.06	9.32
Global Outreach	806	136	279	391	134	251	160	222	39
Mean	19.68	19.20	19.32	20.12	18.84	18.45	21.59	20.24	19.59
Std. Dev.	11.19	12.06	10.18	11.57	11.35	10.09	12.80	11.16	9.62



APNIC provides essential Internet resource services that cannot be accessed elsewhere	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size			279	386	132	250			
Strongly disagree	3%	5%	1%	3%	3%	2%	3%	4%	0%
2	3%	5%	2%	2%	4%	1%	2%	4%	5%
3	2%	2%	1%	2%	5%	1%	3%	1%	0%
Neutral	18%	15%	13%	22%	26%	13%	23%	18%	3%
5	18%	17%	19%	17%	16%	18%	17%	18%	23%
6	24%	16%	28%	24%	20%	28%	27%	18%	36%
Strongly agree	33%	40%	35%	30%	27%	37%	26%	38%	33%
Тор З	75%	73%	82%	70%	63%	83%	70%	74%	92%
Mean	5.51	5.45	5.71	5.38	5.16	5.77	5.35	5.47	5.85
Std. Dev.	1.49	1.72	1.33	1.51	1.60	1.31	. 1.45	1.64	1.23

APNIC provides other services of value to my organisation which cannot be found elsewhere in my country or economy	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	797	132	279	386	132	250	159	217	39
Strongly disagree	3%	5%	3%	3%	2%	2%	1%	6%	3%
2	3%	2%	4%	2%	3%	4%	1%	2%	0%
3	5%	7%	4%	5%	9%	4%	4%	5%	0%
Neutral	25%	20%	29%	23%	25%	25%	23%	23%	36%
5	20%	20%	23%	19%	21%	21%	25%	15%	26%
6	21%	18%	20%	22%	18%	21%	25%	19%	23%
Strongly agree	23%	27%	18%	26%	23%	22%	21%	29%	13%
Тор З	65%	65%	61%	68%	61%	64%	71%	64%	62%
Mean	5.14	5.09	4.99	5.26	5.05	5.10	5.30	5.12	5.03
Std. Dev.	1.52	1.67	1.45	1.50	1.50	1.50	1.28	1.73	1.25

APNIC 2016 Survey Appendix B Survey Data Tables & Segmentation by Region and Classification of Economies



I choose to use APNIC services because they are of higher quality than other services available	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	796	132	279	385	131	250	158	218	39
Strongly disagree	3%	2%	5%	2%	1%	5%	1%	2%	8%
2	3%	2%	4%	3%	4%	2%	2%	3%	8%
3	3%	2%	4%	4%	8%	4%	3%	5 1%	3%
Neutral	30%	20%	45%	22%	27%	44%	25%	17%	38%
5	17%	15%	15%	18%	18%	16%	20%	17%	8%
6	22%	24%	16%	26%	23%	18%	31%	22%	5 13%
Strongly agree	22%	35%	11%	26%	20%	11%	18%	39%	23%
Тор 3	61%	74%	43%	70%	60%	45%	70%	5 77%	5 44%
Mean	5.10	5.57	4.54	5.34	5.05	4.62	5.27	5.63	4.62
Std. Dev.	1.50	1.44	1.46	1.43	1.44	1.43	1.30	1.48	3 1.84

I am treated as a valued member of APNIC	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
	796	132	279	385	131	250	158	218	39
Strongly disagree	2%	1%	3%	1%	2%	3%	1%	1%	0%
2	2%	3%	2%	2%	3%	2%	1%	3%	0%
3	4%	1%	5%	4%	7%	4%	4%	1%	8%
Neutral	27%	18%	35%	24%	29%	35%	26%	17%	28%
5	18%	12%	19%	18%	22%	17%	19%	14%	18%
6	23%	24%	20%	24%	19%	22%	28%	22%	18%
Strongly agree	25%	41%	16%	26%	19%	17%	21%	41%	28%
Top 3	65%	78%	55%	69%	60%	56%	68%	78%	64%
Mean	5.25	5.76	4.89	5.35	4.98	4.94	5.30	5.73	5.31
Std. Dev.	1.43	1.39	1.42	1.39	1.43	1.44	1.29	1.41	1.36



APNIC seeks my opinions on issues relevant to APNIC services and the challenges of the Internet community	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	794	131	279	384	130	250	158	217	39
Strongly disagree	3%	2%	4%	2%	1%	4%	1%	3%	0%
2	3%	1%	3%	3%	4%	3%	2%	2%	5%
3	4%	3%	5%	4%	5%	5%	4%	2%	8%
Neutral	24%	23%	22%	25%	28%	23%	25%	22%	15%
5	23%	21%	26%	21%	21%	26%	25%	18%	23%
6	24%	19%	25%	24%	25%	23%	31%	18%	28%
Strongly agree	20%	31%	14%	21%	17%	16%	12%	34%	21%
Тор 3	67%	71%	66%	67%	62%	65%	68%	71%	72%
Mean	5.14	5.40	4.97	5.18	5.05	4.95	5.14	5.41	5.23
Std. Dev.	1.44	1.43	1.46	1.42	1.38	1.50	1.21	1.54	1.42

APNIC Membership enhances my organisation's reputation/credibility	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
	793	133	278	382	129	249	158	218	39
Strongly disagree	3%	2%	6%	1%	1%	6%	2%	1%	5%
2	2%	2%	4%	2%	1%	3%	2%	2%	5%
3	6%	2%	7%	5%	11%	6%	6%	2%	5%
Neutral	30%	21%	37%	27%	32%	37%	25%	23%	23%
5	18%	18%	19%	17%	19%	19%	16%	17%	21%
6	21%	22%	15%	25%	15%	14%	34%	23%	26%
Strongly agree	21%	33%	12%	23%	22%	14%	16%	32%	15%
Тор 3	60%	73%	46%	64%	56%	47%	65%	72%	62%
Mean	5.02	5.50	4.53	5.22	4.99	4.57	5.15	5.50	4.87
Std. Dev.	1.50	1.43	1.54	1.40	1.41	1.56	1.38	1.39	1.63



APNIC is open and transparent in all of its activities	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	795	133	279	383	130	250	158	218	39
Strongly disagree	2%	2%	3%	1%	2%	3%	5 1%	1%	0%
2	2%	3%	1%	2%	2%	1%	5 4%	1%	3%
3	2%	2%	3%	2%	4%	3%	5 2%	2%	0%
Neutral	21%	14%	25%	20%	24%	26%	5 21%	13%	21%
5	22%	20%	25%	19%	19%	24%	22%	19%	21%
6	28%	26%	27%	30%	29%	25%	32%	28%	28%
Strongly agree	24%	35%	16%	26%	21%	18%	5 18%	36%	28%
Тор 3	73%	80%	68%	75%	69%	68%	5 72%	83%	77%
Mean	5.38	5.63	5.15	5.47	5.28	5.16	5 5.27	5.74	5.56
Std. Dev.	1.35	1.40	1.33	1.32	1.35	1.36	5 1.35	1.28	1.25

APNIC is respected in the Internet community	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
	796	134	279	383	130	250	159	218	39
Strongly disagree	1%	1%	2%	1%	1%	2%	1%	1%	5 0%
2	2%	1%	1%	2%	1%	1%	4%	1%	3%
3	1%	0%	2%	1%	3%	2%	1%	0%	3%
Neutral	12%	7%	13%	13%	16%	14%	14%	7%	5%
5	13%	6%	14%	15%	18%	14%	16%	8%	5 13%
6	31%	21%	37%	31%	29%	36%	36%	24%	28%
Strongly agree	39%	63%	31%	37%	32%	32%	28%	59%	5 49%
Тор 3	84%	90%	82%	83%	79%	82%	81%	91%	5 90%
Mean	5.86	6.31	5.69	5.82	5.66	5.71	5.62	6.28	6.08
Std. Dev.	1.30	1.22	1.34	1.26	1.28	1.34	1.33	1.13	3 1.22



Q 23. *Do you believe APNIC members have enough opportunity to provide feedback and input into APNIC activities?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	802	134	279	389	132	251	160	220	39
Yes	70%	82%	59%	74%	71%	60%	76%	77%	67%
No	6%	5%	6%	6%	8%	6%	4%	7%	3%
Don't know	24%	13%	34%	20%	21%	34%	20%	15%	31%

Q24. * APNIC has received suggestions to provide information on trends and benchmarks for regional Internet infrastructure and related technical an business activities. Such activity will require further member consultation and data collection from APNIC Members who choose to participate. Would you (or your organisation) be interested in being part of such activity?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	798	132	279	387	132	251	159	217	39
Yes	43%	67%	26%	47%	42%	29%	45%	61%	26%
I'd like more information before deciding	37%	23%	42%	38%	38%	41%	40%	29%	38%
No	7%	2%	15%	3%	6%	14%	1%	3%	15%
Don't know/I wouldn't make the decision	13%	8%	17%	12%	14%	16%	14%	7%	21%



Q 26. * Thinking about service delivery from APNIC, how IMPORTANT do you think it is that APNIC establish an office or agency that could deliver some services locally in your economy/country?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	610	136	265	209	44	251	138	138	39
Not at all important	4%	4%	7%	1%	0%	5%	2%	3%	18%
2	5%	1%	8%	2%	2%	7%	3%	1%	15%
3	5%	2%	7%	5%	9%	7%	3%	3%	8%
Neutral	25%	16%	32%	22%	30%	34%	18%	13%	31%
5	17%	9%	21%	18%	25%	21%	17%	10%	8%
6	29%	39%	18%	36%	30%	18%	45%	35%	15%
Extremely important	15%	29%	6%	16%	5%	8%	12%	36%	5%
Top 3	60%	76%	45%	70%	59%	47%	74%	80%	28%
Mean	4.90	5.57	4.30	5.23	4.84	4.46	5.27	5.73	3.62
Std. Dev.	1.57	1.48	1.57	1.34	1.16	1.51	1.33	1.42	1.84



Network Operator Groups (NOGs)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1137	788	349	166	311	660	253	277	256	305	45
Least focus	1%	1%	2%	1%	1%	1%	1%	1%	0%	2%	0%
2	1%	1%	1%	1%	0%	1%	2%	0%	1%	1%	0%
3	2%	2%	2%	0%	3%	2%	4%	3%	2%	0%	0%
Neutral	16%	15%	17%	10%	19%	16%	21%	18%	15%	11%	11%
4	20%	21%	20%	12%	29%	18%	20%	27%	21%	12%	29%
5	31%	33%	27%	29%	34%	30%	27%	33%	34%	29%	42%
Most focus	29%	28%	31%	47%	15%	31%	26%	18%	28%	45%	18%
Тор З	80%	82%	78%	88%	77%	80%	73%	78%	83%	86%	89%
Mean	5.63	5.66	5.57	6.06	5.36	5.66	5.40	5.41	5.70	5.97	5.67
Std. Dev.	1.24	1.19	1.34	1.18	1.12	1.27	1.36	1.16	1.12	1.26	0.90

Governments	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1134	788	346	163	310	661	254	276	255	303	45
Least focus	2%	2%	3%	1%	3%	2%	2%	3%	1%	2%	4%
2	2%	2%	1%	1%	3%	2%	3%	2%	0%	2%	9%
3	3%	3%	3%	2%	4%	3%	6%	4%	1%	2%	2%
Neutral	27%	25%	32%	21%	29%	27%	30%	26%	27%	24%	31%
5	23%	25%	18%	18%	25%	23%	20%	28%	25%	21%	18%
6	23%	24%	21%	27%	26%	21%	18%	26%	25%	22%	27%
Most focus	20%	19%	21%	29%	9%	22%	21%	13%	20%	27%	9%
Тор З	66%	68%	60%	75%	61%	66%	59%	66%	70%	70%	53%
Mean	5.15	5.17	5.10	5.53	4.86	5.19	5.00	5.02	5.29	5.33	4.64
Std. Dev.	1.39	1.36	1.45	1.33	1.35	1.39	1.48	1.33	1.23	1.43	1.57



International government-led organizations (ITU, ASEAN, UN, OECD, APECTEL, APT)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1125	782	343	161	312	652	252	276	253	298	45
Least focus	2%	1%	2%	1%	2%	2%	2%	2%	0%	2%	4%
2	2%	2%	1%	2%	3%	2%	2%	2%	1%	2%	4%
3	4%	4%	4%	1%	6%	4%	4%	7%	3%	2%	2%
Neutral	27%	26%	29%	17%	34%	26%	31%	32%	26%	22%	20%
4	25%	26%	21%	20%	29%	23%	20%	31%	25%	23%	22%
5	21%	22%	19%	32%	17%	20%	18%	17%	23%	25%	22%
Most focus	20%	19%	23%	25%	9%	24%	24%	10%	21%	24%	24%
Тор 3	66%	67%	63%	78%	55%	67%	62%	58%	70%	72%	69%
Mean	5.13	5.13	5.14	5.50	4.73	5.23	5.15	4.76	5.29	5.33	5.16
Std. Dev.	1.36	1.34	1.43	1.32	1.28	1.37	1.42	1.28	1.25	1.39	1.62

Asia-Pacific Internet technical organizations (APIX, APIA, APTLD, APCERT, APAN)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1136	788	348	161	313	662	252	278	257	302	46
Least focus	1%	1%	2%	1%	1%	1%	2%	1%	0%	1%	2%
2	1%	1%	1%	2%	1%	1%	2%	0%	0%	2%	0%
3	2%	2%	3%	1%	2%	2%	2%	2%	3%	1%	2%
Neutral	20%	20%	19%	14%	22%	20%	23%	20%	19%	16%	26%
4	22%	23%	18%	17%	29%	19%	19%	28%	23%	17%	26%
5	29%	31%	24%	31%	31%	27%	25%	32%	30%	27%	24%
Most focus	26%	22%	34%	34%	14%	30%	27%	17%	25%	36%	20%
Тор З	76%	77%	76%	82%	74%	76%	71%	77%	78%	80%	70%
Mean	5.49	5.45	5.58	5.71	5.26	5.55	5.38	5.35	5.55	5.70	5.24
Std. Dev.	1.28	1.23	1.40	1.31	1.18	1.31	1.41	1.18	1.14	1.35	1.30



Global Internet technical organizations (IETF, IAB, Internet Society, ICANN, W3C)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1134	786	348	162	311	661	256	277	255	300	45
Least focus	1%	0%	2%	1%	1%	1%	1%	1%	0%	1%	2%
2	1%	1%	1%	1%	1%	2%	3%	0%	0%	1%	2%
3	2%	2%	2%	1%	3%	2%	2%	3%	3%	2%	2%
Neutral	18%	17%	20%	10%	17%	20%	24%	16%	18%	14%	9%
4	21%	21%	22%	23%	25%	19%	18%	25%	25%	18%	20%
5	29%	32%	24%	28%	36%	27%	24%	36%	31%	25%	36%
Most focus	27%	27%	29%	37%	17%	30%	28%	18%	22%	39%	29%
Тор 3	78%	79%	75%	88%	78%	75%	70%	79%	78%	82%	84%
Mean	5.55	5.58	5.47	5.84	5.41	5.54	5.39	5.45	5.51	5.79	5.64
Std. Dev.	1.26	1.21	1.36	1.20	1.18	1.30	1.38	1.17	1.13	1.29	1.37

Internet business community (external to APNIC membership)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1137	786	351	162	311	664	255	277	256	303	45
Least focus	1%	1%	2%	1%	2%	1%	2%	3%	0%	1%	0%
2	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%	4%
3	4%	4%	5%	2%	7%	4%	5%	5%	3%	2%	11%
Neutral	25%	25%	25%	18%	31%	24%	28%	32%	21%	20%	22%
4	23%	24%	21%	22%	27%	22%	20%	27%	27%	19%	27%
5	25%	26%	23%	28%	25%	24%	21%	24%	28%	25%	27%
Most focus	20%	18%	24%	27%	6%	25%	23%	9%	20%	30%	9%
Тор 3	68%	68%	68%	77%	58%	70%	64%	59%	75%	75%	62%
Mean	5.22	5.20	5.26	5.50	4.79	5.35	5.19	4.85	5.36	5.52	4.87
Std. Dev.	1.33	1.30	1.38	1.30	1.24	1.33	1.38	1.28	1.19	1.35	1.31



Universities	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1132	786	346	162	311	659	253	277	253	303	45
Least focus	2%	1%	3%	2%	3%	2%	2%	3%	6 O%	2%	2%
2	2%	2%	1%	2%	3%	1%	2%	2%	G 0%	1%	9%
3	3%	3%	3%	1%	4%	3%	4%	3%	3%	2%	4%
Neutral	23%	21%	26%	18%	24%	24%	28%	22%	23%	20%	20%
4	24%	26%	18%	23%	31%	21%	21%	31%	5 25%	18%	29%
5	25%	26%	23%	26%	26%	24%	21%	26%	5 27%	25%	20%
Most focus	21%	20%	25%	28%	10%	25%	21%	13%	5 21%	31%	16%
Тор З	70%	72%	66%	77%	66%	70%	63%	70%	5 74%	74%	64%
Mean	5.25	5.26	5.22	5.48	4.93	5.35	5.11	5.05	5.38	5.49	4.87
Std. Dev.	1.37	1.31	1.50	1.39	1.34	1.36	1.44	1.33	3 1.20	1.43	1.55

Civil society, non-profit and other community groups	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1132	786	346	163	312	657	253	278	253	302	45
Least focus	4%	3%	4%	3%	6%	2%	4%	6%	1%	3%	4%
2	3%	2%	3%	4%	3%	2%	3%	3%	2%	3%	0%
3	4%	5%	2%	2%	6%	4%	5%	5%	4%	2%	9%
Neutral	35%	37%	32%	29%	44%	33%	32%	45%	34%	31%	33%
4	24%	25%	21%	22%	25%	24%	22%	22%	28%	22%	31%
5	18%	18%	21%	28%	13%	19%	17%	12%	21%	23%	20%
Most focus	12%	10%	17%	11%	3%	17%	18%	6%	10%	16%	2%
Тор З	54%	52%	59%	61%	40%	59%	57%	41%	59%	60%	53%
Mean	4.77	4.69	4.95	4.90	4.29	4.97	4.88	4.37	4.90	4.97	4.56
Std. Dev.	1.39	1.35	1.47	1.41	1.30	1.38	1.49	1.37	1.22	1.42	1.24



Q 29. APNIC aims to strengthen relationships with other organisations which can help APNIC carry out its vision and mission. On which organisations/groups do you believe APNIC should focus its efforts?

Other Regional Internet Registries (AFRINIC, ARIN, LACNIC, RIPE NCC)	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1131	787	344	161	311	659	253	276	256	300	45
Least focus	2%	1%	2%	1%	2%	2%	3%	3%	0%	1%	0%
2	2%	2%	2%	2%	2%	2%	2%	2%	5 2%	2%	0%
3	3%	2%	4%	1%	2%	3%	5%	2%	3%	1%	7%
Neutral	22%	21%	25%	16%	27%	21%	24%	27%	24%	16%	16%
4	21%	23%	17%	27%	22%	19%	19%	22%	23%	22%	13%
5	25%	26%	24%	24%	27%	25%	24%	28%	24%	25%	29%
Most focus	25%	25%	26%	29%	18%	27%	24%	17%	24%	33%	36%
Тор 3	71%	73%	67%	80%	67%	71%	66%	67%	5 71%	80%	78%
Mean	5.35	5.39	5.27	5.55	5.20	5.38	5.20	5.15	5.34	5.62	5.71
Std. Dev.	1.38	1.33	1.48	1.28	1.33	1.42	1.51	1.36	5 1.31	1.32	1.29

Law enforcement and other public safety agencies	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1130	785	345	162	312	656	253	276	5 254	300	46
Least focus	3%	3%	3%	2%	5%	2%	2%	5%	ы́ 1%	3%	4%
2	3%	3%	3%	2%	4%	2%	4%	3%	<u> </u>	3%	7%
3	4%	4%	4%	2%	6%	3%	4%	7%	á 3%	2%	4%
Neutral	29%	29%	29%	23%	33%	28%	31%	31%	31%	23%	35%
4	23%	23%	22%	20%	24%	23%	21%	25%	۵ 27%	20%	20%
5	23%	23%	23%	26%	21%	23%	18%	22%	26%	24%	24%
Most focus	16%	15%	16%	24%	6%	18%	21%	8%	ы́ 10%	24%	7%
Тор 3	61%	62%	61%	70%	52%	64%	60%	55%	63%	69%	50%
Mean	4.97	4.97	4.97	5.32	4.56	5.08	5.04	4.64	l 5.00	5.25	4.57
Std. Dev.	1.42	1.42	1.44	1.40	1.43	1.38	1.44	1.44	1.19	1.49	1.47



Q 29. APNIC aims to strengthen relationships with other organisations which can help APNIC carry out its vision and mission. On which organisations/groups do you believe APNIC should focus its efforts?

Industry associations	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1125	784	341	161	311	653	251	277	252	299	45
Least focus	2%	1%	2%	2%	2%	1%	1%	2%	0%	3%	2%
2	2%	2%	1%	2%	1%	2%	4%	1%	5 1%	1%	0%
3	5%	4%	5%	4%	5%	4%	6%	3%	3%	4%	18%
Neutral	28%	28%	27%	22%	30%	28%	30%	31%	31%	22%	16%
4	25%	26%	22%	23%	27%	24%	22%	29%	5 25%	24%	22%
5	23%	24%	21%	28%	25%	21%	17%	25%	27%	23%	29%
Most focus	16%	14%	21%	18%	9%	20%	21%	9%	5 12%	23%	13%
Тор З	64%	65%	64%	69%	61%	65%	59%	63%	65%	70%	64%
Mean	5.08	5.06	5.13	5.17	4.90	5.15	5.02	4.96	5 5.11	5.24	4.96
Std. Dev.	1.31	1.26	1.43	1.39	1.24	1.32	1.43	1.19	1.15	1.43	1.45

Q31. Under its Bylaws, one of the objectives of APNIC is to provide training and educational opportunities that further Members' technical knowledge, skills and policy understanding of the industry. Thinking about the provision of training services by APNIC, how much do you AGREE that:

The provision of training is an important APNIC function	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	797	134	277	386	131	249	159	219	39
Strongly disagree	1%	0%	2%	1%	2%	2%	G 0%	1%	3%
2	1%	1%	2%	1%	3%	2%	5 1%	0%	0%
3	2%	0%	2%	2%	3%	2%	5 1%	0%	0%
Neutral	13%	6%	16%	12%	20%	15%	5 10%	7%	15%
5	16%	10%	23%	12%	16%	21%	5 14%	9%	219
6	24%	15%	29%	24%	24%	28%	30%	16%	23%
Strongly agree	44%	68%	26%	48%	32%	31%	5 44%	67%	389
Тор З	83%	93%	78%	84%	72%	80%	88%	92%	829
Mean	5.87	6.43	5.48	5.96	5.44	5.58	6.03	6.38	5.74
Std. Dev.	1.32	0.98	1.35	1.31	1.52	1.35	5 1.10	1.10	1.3

Training offered by APNIC should be responsive to Member requests and needs	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	797	134	277	386	131	249	159	219	39
Strongly disagree	1%	0%	1%	0%	1%	2%	G 0%	0%	0%
2	1%	1%	1%	1%	4%	1%	S 0%	1%	0%
3	2%	0%	2%	2%	3%	2%	5 1%	0%	0%
Neutral	11%	7%	13%	11%	18%	11%	8%	10%	13%
5	17%	9%	23%	16%	26%	22%	5 13%	10%	13%
6	31%	25%	36%	29%	25%	36%	35%	24%	36%
Strongly agree	37%	57%	23%	41%	24%	25%	5 43%	55%	38%
Тор 3	85%	92%	82%	85%	75%	84%	5 91%	89%	87%
Mean	5.85	6.31	5.56	5.91	5.34	5.62	6.13	6.20	6.00
Std. Dev.	1.21	1.00	1.24	1.20	1.36	1.24	0.97	1.10	1.03



survey matters.

Q31. Under its Bylaws, one of the objectives of APNIC is to provide training and educational opportunities that further Members' technical knowledge, skills and policy understanding of the industry. Thinking about the provision of training services by APNIC, how much do you AGREE that:







Q32. To reduce reliance on Member funds, do you believe APNIC should seek additional external resources to help build its training and technical assistance services?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	804	135	279	390	133	251	160	221	39
Yes	72%	85%	61%	75%	68%	64%	80%	81%	54%
No	7%	4%	11%	6%	6%	10%	6%	5%	18%
Don't know	21%	11%	27%	19%	26%	26%	14%	14%	28%

survey matters.



	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	804	135	279	390	133	251	160	221	
Yes	20%	32%	8%	24%	26%	11%	27%	23%	5%
No	80%	68%	92%	76%	74%	89%	73%	77%	95%

Relevant and useful training programs	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	156	43	21	92	33	27	43	51	2
Strongly disagree	1%	0%	0%	1%	3%	0%	0%	0%	0%
2	1%	2%	0%	1%	3%	0%	0%	2%	0%
3	1%	0%	0%	1%	3%	0%	0%	0%	0%
Neutral	8%	7%	5%	9%	15%	4%	9%	4%	0%
5	12%	7%	14%	14%	24%	7%	12%	8%	0%
6	30%	16%	48%	33%	21%	48%	33%	25%	0%
Strongly agree	47%	67%	33%	41%	30%	41%	47%	61%	100%
Тор З	90%	91%	95%	88%	76%	96%	91%	94%	100%
Mean	6.10	6.37	6.10	5.97	5.39	6.26	6.16	6.37	7.00
Std. Dev.	1.15	1.13	0.83	1.21	1.54	0.76	0.97	1.02	-

Training programs in a suitable format	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	155	43	21	91	32	27	43	51	2
Strongly disagree	1%	0%	0%	2%	6%	0%	0%	0%	0%
2	2%	2%	5%	1%	3%	4%	0%	2%	0%
3	2%	0%	0%	3%	3%	0%	0%	4%	0%
Neutral	9%	9%	5%	10%	13%	4%	9%	10%	0%
5	12%	5%	24%	13%	19%	15%	12%	6%	50%
6	31%	21%	43%	33%	31%	44%	35%	22%	0%
Strongly agree	43%	63%	24%	37%	25%	33%	44%	57%	50%
Тор 3	86%	88%	90%	84%	75%	93%	91%	84%	100%
Mean	5.92	6.30	5.71	5.79	5.28	5.96	6.14	6.12	6.00
Std. Dev.	1.31	1.17	1.19	1.38	1.69	1.13	0.97	1.31	1.41



Training programs that represent value for money	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	155	42	21	92	33	27	43	50	2
Strongly disagree	1%	2%	0%	0%	0%	0%	2%	0%	0%
2	2%	0%	0%	3%	6%	0%	0%	2%	0%
3	1%	0%	0%	2%	6%	0%	0%	0%	0%
Neutral	15%	12%	10%	18%	18%	7%	14%	20%	0%
5	11%	7%	14%	12%	12%	11%	14%	6%	50%
6	31%	29%	38%	30%	27%	41%	37%	24%	0%
Strongly agree	39%	50%	38%	34%	30%	41%	33%	48%	50%
Тор З	81%	86%	90%	76%	70%	93%	84%	78%	100%
Mean	5.82	6.07	6.05	5.65	5.39	6.15	5.79	5.94	6.00
Std. Dev.	1.30	1.30	0.97	1.35	1.54	0.91	1.26	1.30	1.41

A sufficient number of training programs	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	155	43	21	91	32	27	43	51	2
Strongly disagree	1%	0%	0%	2%	3%	0%	0%	2%	0%
2	3%	2%	5%	2%	3%	4%	2%	2%	0%
3	2%	2%	0%	2%	0%	0%	5%	2%	0%
Neutral	12%	5%	10%	16%	28%	7%	12%	6%	0%
5	18%	12%	33%	18%	16%	33%	16%	14%	0%
6	30%	35%	29%	27%	16%	22%	37%	35%	50%
Strongly agree	34%	44%	24%	32%	34%	33%	28%	39%	50%
Top 3	82%	91%	86%	77%	66%	89%	81%	88%	100%
Mean	5.69	6.07	5.52	5.55	5.34	5.70	5.65	5.90	6.50
Std. Dev.	1.36	1.16	1.25	1.44	1.60	1.23	1.27	1.33	0.71



Q35. If APNIC could support your organisation with your technical challenges through training, extended technical workshops and/or direct technical assistance, which of the following topics would assist your organisation?

	Total	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Training Topics	799	136	274	389	133	247	159	222	38
Sample Size	4382	960	1259	2163	560	1254	992	1434	142
Network security	70%	85%	61%	71%	59%	66%	76%	82%	42%
IPv6 deployment planning	55%	65%	51%	55%	39%	55%	55%	69%	37%
Routing protocols (BGP, OSPF/IS-IS etc.)	45%	63%	37%	44%	32%	42%	53%	53%	24%
Optimising network architecture	43%	54%	37%	44%	28%	44%	50%	50%	24%
DNS & DNSSEC	41%	47%	44%	37%	29%	47%	39%	43%	39%
Software Defined Networking (SDN)	41%	36%	38%	44%	39%	38%	47%	42%	32%
Virtualisation of network functions and/or services	36%	49%	23%	40%	29%	28%	45%	45%	11%
MPLS	34%	57%	20%	35%	24%	25%	42%	47%	8%
Best practices for inter-domain routing	33%	42%	30%	32%	26%	33%	34%	36%	32%
QoS	32%	48%	22%	34%	26%	27%	42%	39%	5%
Incident handling and response	23%	32%	22%	20%	11%	23%	25%	28%	24%
RPSL and Routing Registry	22%	26%	19%	24%	22%	19%	23%	24%	37%
IXP design, operation and management	20%	31%	9%	24%	16%	13%	35%	22%	8%
CERT/CSIRT operation and management	18%	22%	16%	18%	13%	18%	23%	18%	11%
Training of trainers in any of the topics listed here	16%	23%	8%	19%	8%	11%	17%	26%	11%
RPKI	15%	26%	14%	12%	11%	13%	16%	19%	18%
None of these	4%	0%	7%	3%	5%	5%	1%	2%	13%
Other	1%	0%	2%	1%	3%	2%	1%	0%	0%



Q37. **Can you tell us the MAIN reasons why you have not participated in APNIC's Policy Development Process for Internet Number Resource policies?

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	1121	773	348	160	308	653	251	277	244	304	44
Total Mentions	1889	1344	545	290	520	1079	401	487	408	526	66
I trust the community to develop the right policies	36%	35%	39%	47%	26%	38%	41%	27%	37%	39%	32%
I wasn't aware I could participate	32%	34%	26%	32%	31%	32%	19%	37%	26%	44%	18%
I don't know enough about the process	45%	45%	44%	55%	45%	43%	37%	48%	50%	49%	23%
It's too difficult to participate in the process	10%	11%	8%	14%	7%	11%	17%	6%	9%	10%	11%
No-one has asked me to participate	22%	22%	23%	22%	24%	21%	17%	26%	23%	23%	18%
I don't have time to participate	18%	21%	11%	6%	28%	16%	23%	26%	16%	5%	34%
Other	3%	3%	4%	5%	3%	3%	2%	3%	5%	3%	9%
I'm not interested in participating	2%	2%	2%	1%	4%	2%	4%	3%	2%	0%	5%



Ease of understanding	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	48	27	21	8	8	32	16	4	12	14	2
Poor	2%	4%	0%	0%	0%	3%	6%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	2%	0%	5%	0%	0%	3%	0%	0%	0%	7%	0%
Neutral	15%	19%	10%	13%	38%	9%	13%	25%	8%	14%	50%
5	17%	7%	29%	0%	25%	19%	25%	0%	25%	7%	0%
6	33%	37%	29%	38%	38%	31%	25%	75%	33%	29%	50%
Excellent	31%	33%	29%	50%	0%	34%	31%	0%	33%	43%	0%
Тор 3	81%	78%	86%	88%	63%	84%	81%	75%	92%	79%	50%
Mean	5.69	5.70	5.67	6.25	5.00	5.72	5.50	5.50	5.92	5.86	5.00
Std. Dev.	1.31	1.44	1.15	1.04	0.93	1.40	1.59	1.00	1.00	1.35	1.41

Ease of participation	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	48	27	21	8	8	32	16	4	12	14	2
Poor	2%	4%	0%	0%	0%	3%	6%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	6%	7%	5%	0%	25%	3%	6%	25%	0%	7%	0%
Neutral	10%	7%	14%	13%	0%	13%	13%	0%	8%	14%	0%
5	21%	22%	19%	13%	38%	19%	19%	25%	33%	7%	50%
6	35%	44%	24%	50%	38%	31%	19%	50%	42%	43%	50%
Excellent	25%	15%	38%	25%	0%	31%	38%	0%	17%	29%	0%
Top 3	81%	81%	81%	88%	75%	81%	75%	75%	92%	79%	100%
Mean	5.54	5.37	5.76	5.88	4.88	5.63	5.44	5.00	5.67	5.71	5.50
Std. Dev.	1.34	1.39	1.26	0.99	1.25	1.41	1.75	1.41	0.89	1.27	0.71

Ease of following discussions	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	48	27	21	8	8	32	16	4	12	14	2
Poor	2%	4%	0%	0%	0%	3%	6%	0%	0%	0%	0%
2	2%	4%	0%	0%	13%	0%	0%	25%	0%	0%	0%
3	2%	0%	5%	0%	0%	3%	0%	0%	0%	7%	0%
Neutral	15%	15%	14%	13%	25%	13%	13%	0%	17%	14%	50%
5	19%	19%	19%	13%	25%	19%	25%	0%	33%	7%	0%
6	33%	41%	24%	25%	38%	34%	25%	75%	33%	29%	50%
Excellent	27%	19%	38%	50%	0%	28%	31%	0%	17%	43%	0%
Top 3	79%	78%	81%	88%	63%	81%	81%	75%	83%	79%	50%
Mean	5.54	5.37	5.76	6.13	4.75	5.59	5.50	5.00	5.50	5.86	5.00
Std. Dev.	1.38	1.47	1.26	1.13	1.39	1.39	1.59	2.00	1.00	1.35	1.41

Overall Effectiveness	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	48	27	21	8	8	32	16	4	12	14	2
Poor	2%	4%	0%	0%	0%	3%	6%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	4%	4%	5%	0%	13%	3%	0%	0%	0%	7%	50%
Neutral	15%	11%	19%	0%	13%	19%	13%	25%	25%	7%	0%
5	19%	19%	19%	13%	38%	16%	31%	0%	25%	7%	0%
6	29%	37%	19%	38%	38%	25%	25%	75%	17%	29%	50%
Excellent	31%	26%	38%	50%	0%	34%	25%	0%	33%	50%	0%
Top 3	79%	81%	76%	100%	75%	75%	81%	75%	75%	86%	50%
Mean	5.60	5.56	5.67	6.38	5.00	5.56	5.38	5.50	5.58	6.07	4.50
Std. Dev.	1.36	1.42	1.32	0.74	1.07	1.48	1.54	1.00	1.24	1.27	2.12

Q39. **How would you assess your participation in APNIC's Policy Development Process for Internet Number Resource policies?

Relevance to my organisation	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacfiic
Sample Size	48	27	21	8	8	32	16	4	12	14	2
Poor	2%	4%	0%	0%	0%	3%	6%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	4%	4%	5%	0%	13%	3%	0%	25%	8%	0%	0%
Neutral	17%	19%	14%	13%	13%	19%	13%	25%	8%	29%	0%
5	19%	22%	14%	25%	38%	13%	25%	25%	17%	14%	0%
6	29%	33%	24%	25%	25%	31%	19%	25%	42%	21%	100%
Excellent	29%	19%	43%	38%	13%	31%	38%	0%	25%	36%	0%
Тор 3	77%	74%	81%	88%	75%	75%	81%	50%	83%	71%	100%
Mean	5.54	5.30	5.86	5.88	5.13	5.56	5.56	4.50	5.67	5.64	6.00
Std. Dev.	1.37	1.41	1.28	1.13	1.25	1.46	1.63	1.29	1.23	1.28	0.00



Q41. Which of these phrases best describes the way you speak about APNIC to others?

	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	East Asia	Oceania	South East Asia	South Asia	Non Asia Pacific
Sample Size	1168	803	365	169	314	685	265	282	257	318	45
Critical without being asked	5%	4%	7%	4%	1%	7%	11%	1%	4%	4%	0%
Tend to be critical if asked	7%	6%	8%	4%	4%	8%	12%	3%	9%	3%	11%
l am neutral	47%	48%	47%	39%	52%	47%	49%	49%	54%	39%	44%
Tend to speak highly if asked	31%	33%	27%	37%	36%	28%	20%	38%	26%	39%	40%
Speak highly without being asked	10%	10%	10%	17%	7%	10%	9%	9%	6%	15%	4%
Mean	3.35	3.39	3.27	3.59	3.44	3.25	3.04	3.50	3.20	3.59	3.38
Std. Dev.	0.92	0.88	0.99	0.94	0.72	0.98	1.04	0.76	0.86	0.91	0.75

Q43. What is your role within the organisation?



	Total	APNIC Account Holder	APNIC Stakeholder	LDEs	Developed Economies	Developing Economies	Eastern Asia	Oceania	South Eastern Asia	Southern Asia	Non Asia Pacific
Sample Size	1,173	804	369	170	315	688	267	281	257	321	46
I.T/ICT Manager or equivalent	34%	37%	26%	36%	36%	32%	27%	36%	32%	38%	41%
Technical operations	29%	30%	27%	25%	36%	27%	29%	36%	32%	20%	30%
Executive Director/ Managing Director/ CEO/CFO/CTO or equivalent		19%	19%	21%	18%	19%	13%	18%	19%	26%	17%
•											
Administration		5%					10%	1%		7%	2%
Other	6%	4%	9%	8%	4%	6%	1%	6%	8%	7%	4%
Business development	3%	2%	5%	2%	2%	4%	9%	1%	2%	2%	2%
Commercial operations	2%	1%	2%	1%	1%	2%	6%	1%	1%	1%	0%
Software development	2%	1%	3%	0%	1%	2%	5%	1%	1%	0%	2%