



TSC Composition Survey

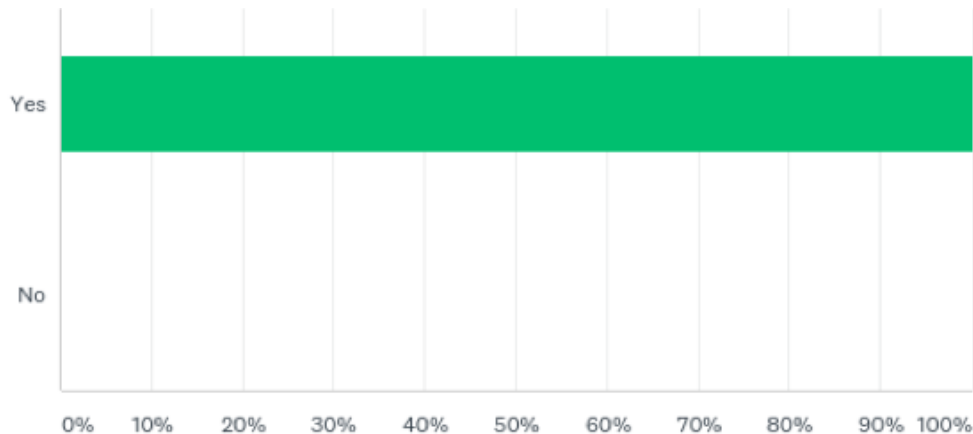
May, 15, 2018

Summary

- As per the ONAP Technical Charter, the TSC is responsible for determining how a new TSC will be constructed and decided upon. The current deadline in the Charter for doing this is June 30th.
- A 20 question survey was sent to TSC Members based upon prior discussions
- Basic themes of attendance requirements, qualifications and reserved seats for specific Community demographics
- Where appropriate, each section is followed by a suggested provision

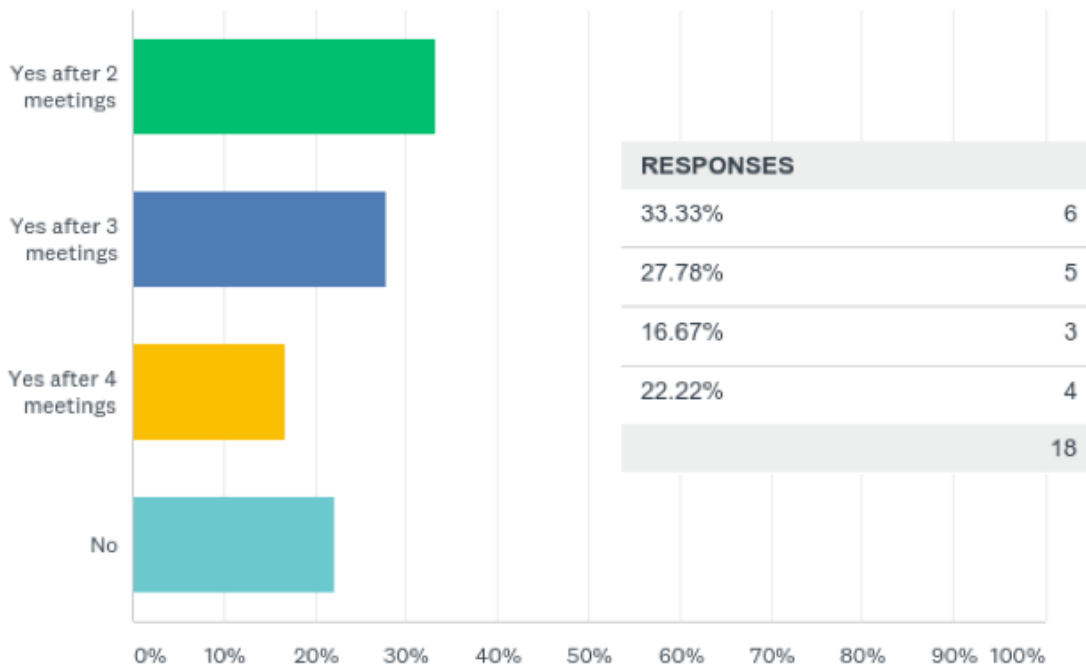
Allowing proxies with voting privileges

- That one was easy ;-)



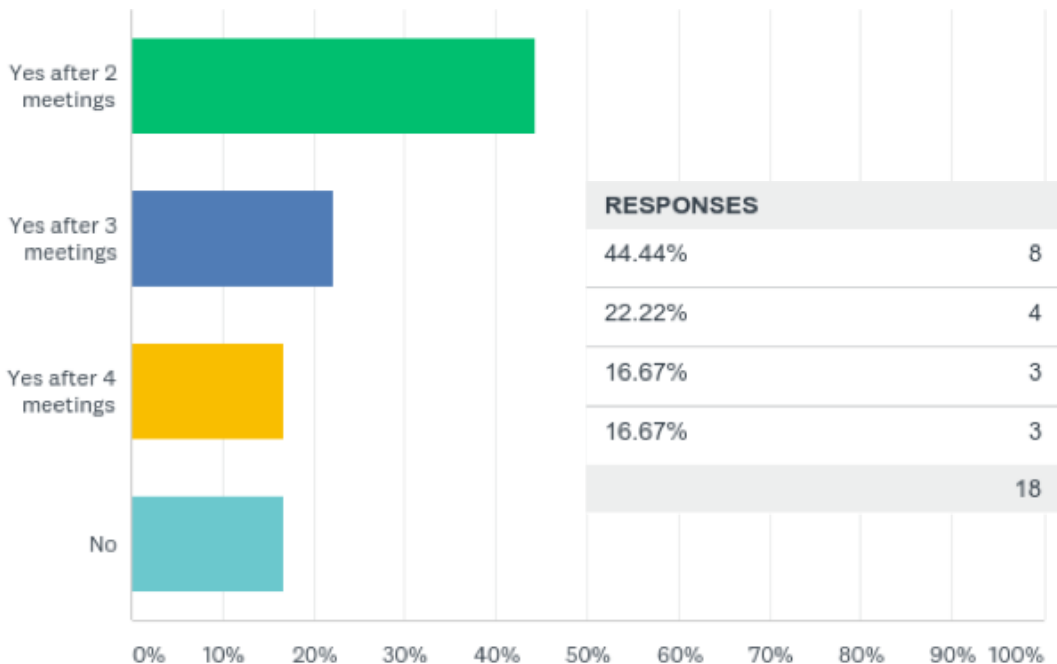
Number of consecutive meetings ELECTED Members can miss without a proxy in attendance before being dropped from the quorum requirement

- Yes, they should be dropped from the requirement, when to do it seems to sooner, rather than later.



Number of consecutive meetings APPOINTED Members can miss without a proxy in attendance before being dropped from the quorum requirement

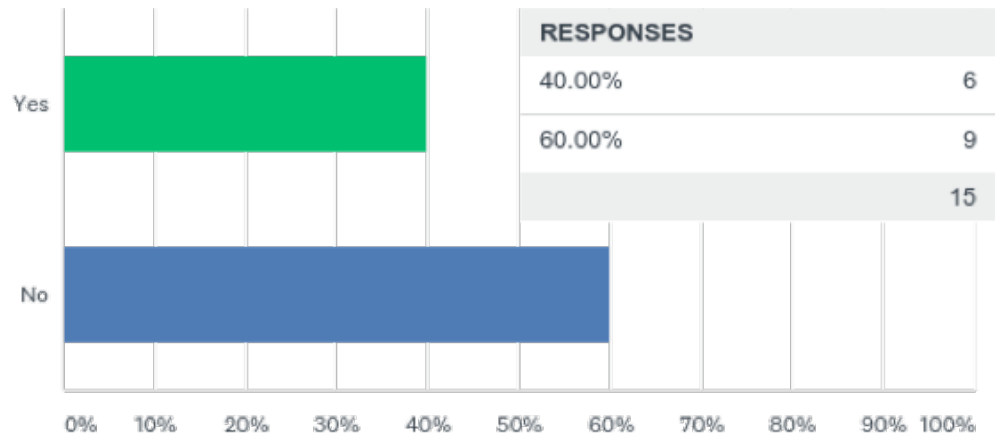
- Stronger opinion of sooner for appointed representatives, rather than later



Should an APPOINTED Member of the TSC also forfeit their seat when they are removed from the quorum requirement?

- This question only appeared if someone answered YES to the previous question (note only 15 responses)

Including the 3 NO votes from that question implies a total of 12 NO votes here



Attendance Suggestions

- TSC Members may assign a proxy with voting rights to represent them in their absence
- Proxies are to be counted against any quorum requirements
- Proxies are to be recorded by the TSC Member via the wiki page
- Proxies are intended to cover specific short term attendance needs and “Standing” or “Default” proxies are not permitted
- An elected Member of the TSC who fails attend three (3) consecutive meetings without a proxy in attendance shall be dropped from the quorum requirement
- An appointed or otherwise non-elected Member of the TSC who does not attend two (2) consecutive meetings without a proxy in attendance shall be dropped from the quorum requirement



Qualifications

Definitions

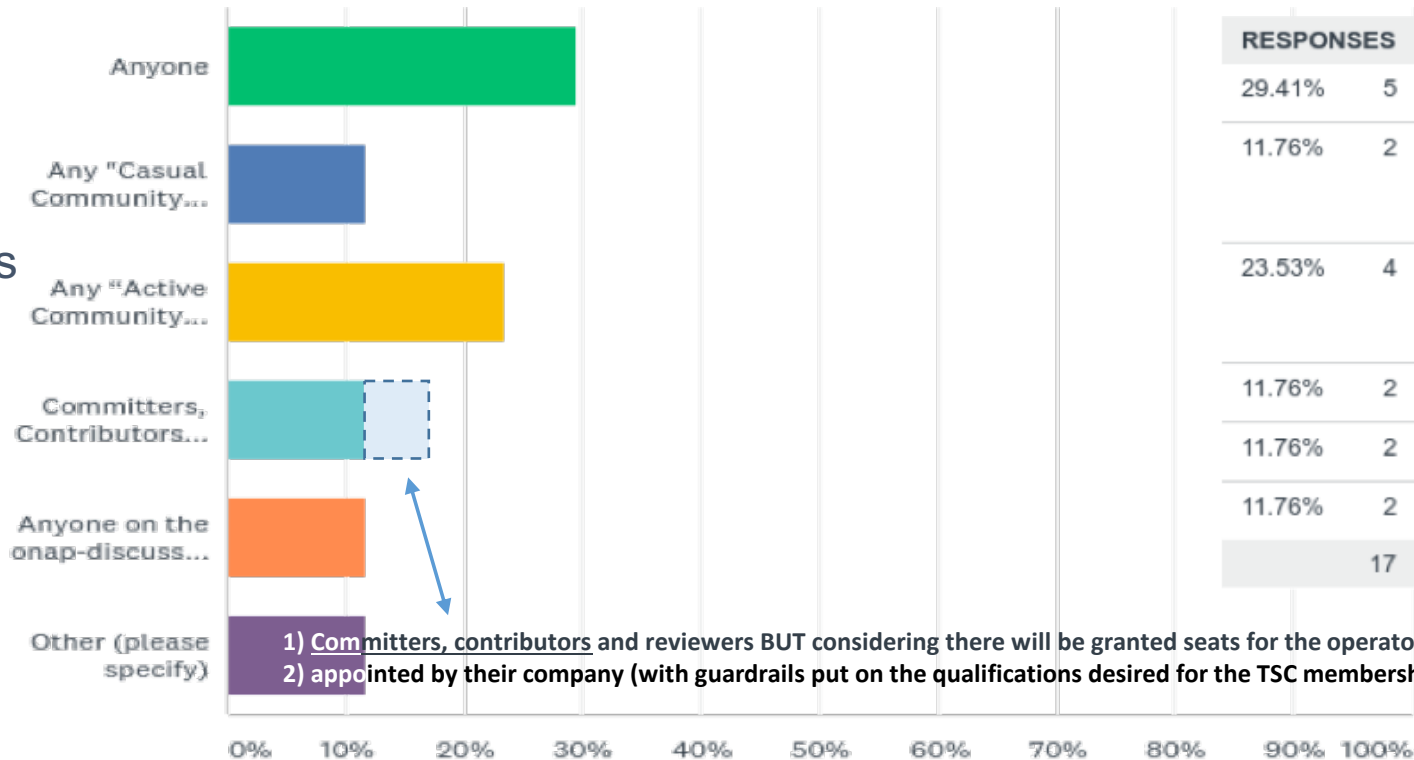
- **Casual Community Member** -anyone who has made at least **one (1)** measurable contributions during the **previous six-month** period, inclusive of code submissions, code reviews performed, wiki page edits or JIRA activities
- **Active Community Member** -anyone with **twenty (20)** or more measurable contributions during the **previous 12-month** period, inclusive of code merged, code reviews performed, wiki page edits, or JIRA activities
- **Contributors** -anyone that contributes code, documentation, or other technical artifacts
- **Committers** -anyone with the permission to merge source code, documentation or other technical artifacts into a project's repository

Community Engagement & Participation Thresholds

- Purely passive *if no other action is taken*
 - Company Appointee
 - Having a subscription to the *onap-discuss* or *onap-tsc* lists
- Bare minimum involvement – Casual Community Member
- Engaged and involved – Active Community Member
- “Committer” – this is a specific job role in the Community
 - Typical Community- well beyond Active Community Member threshold
 - ONAP Community- some fail to meet “Casual Community Member” threshold

Qualifications to run for a TSC position

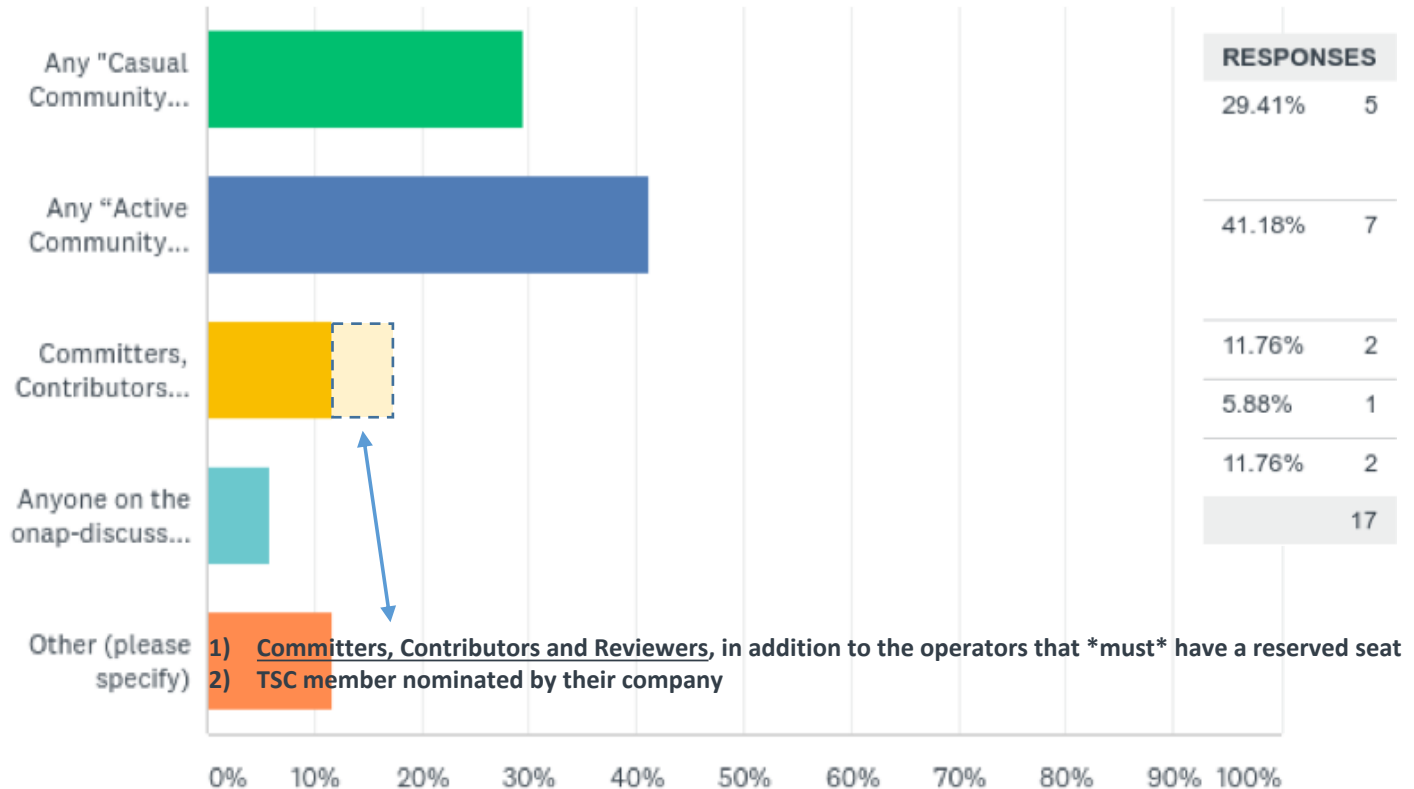
- Anyone?
Really?
- Trend is towards ensuring more active than passive Community engagement



1) Committers, contributors and reviewers BUT considering there will be granted seats for the operators
 2) appointed by their company (with guardrails put on the qualifications desired for the TSC membership)

Qualifications to vote in a TSC election

- Both “Casual Community Member” and mailing list subscription criteria can be easily gamed to influence an election
- Again the trend is towards Active engagement



Qualification “Order of operations”

- An elected TSC Member will ultimately have to pass all composition stipulations layered on top of any TSC requirements
- Examples-
 - If there is a 1 member rule and 3 people from that company run, only the top vote getter would be eligible for the seat
 - If there are seats reserved for 5 operator companies and 7 people from 7 different operators run, then the top placing 5 operators get a set

Qualification Suggestion

- Use the “Active Community Member” definitions for both candidacy and voting criteria
- **Active Community Member** -anyone with **twenty (20)** or more measurable contributions during the **previous 12-month** period, inclusive of *code merged*, code reviews performed, wiki page edits, or JIRA activities



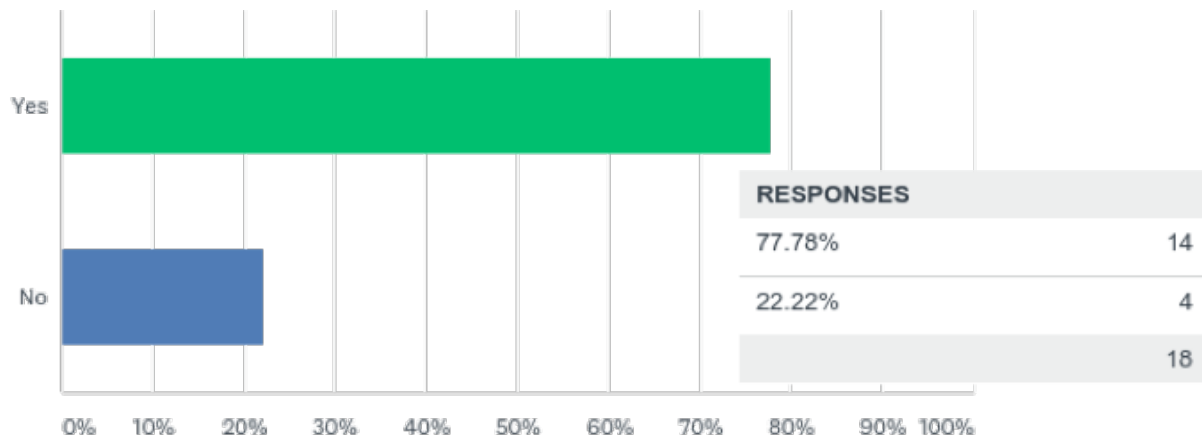
Steady State and One-Year Exceptions

Steady State and One-Year Exceptions (from election date)

- Two separate sets of questions related to seats reserved on the TSC
 - One grants a one-time, one-year exception, regardless of the TSC composition which allows appointing someone
 - The other is for the ongoing TSC composition
- Impact of an exception: May change any agreed upon TSC size for one-year
- Any exception granted would still be bound by any attendance and quorum requirements
- Should have a formal definition of “operator” documented if any related provisions are put into place

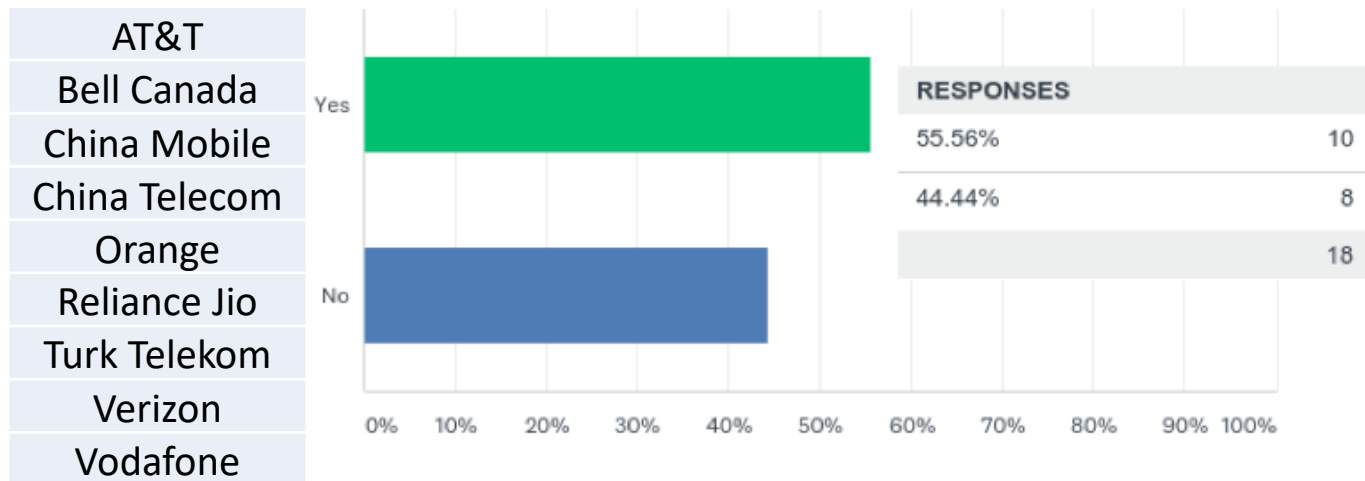
One-year exception for 2017 Platinum Member Companies that joined at a later date to appoint someone to the TSC if no one is elected this time

- Applies only to Turk Telekom, Verizon and Vodafone
- No controversy here



One-year exception for 2017 “Platinum Service Provider” Member Companies to appoint someone to the TSC if no one is elected this time

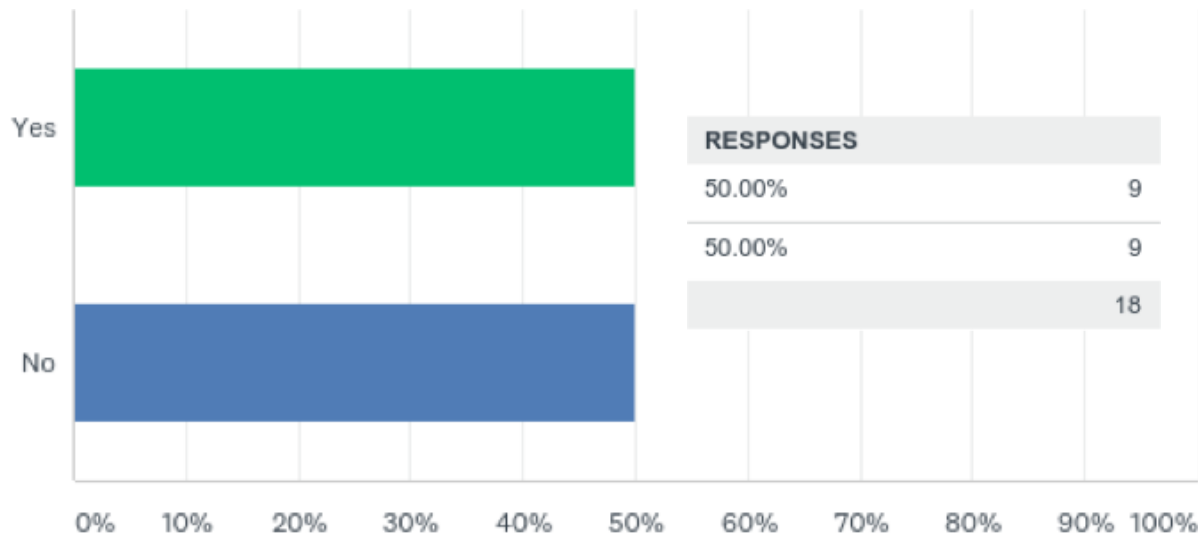
Less agreement here



One-year exception for all 2017 ONAP Platinum Members to appoint someone to the TSC if no one is elected this time

No agreement here

AMDOCS
AT&T
Bell Canada
China Mobile
China Telecom
Cisco
Cloudify
Ericsson
Huawei
IBM
Intel
Nokia
Orange
Reliance Jio
Tech Mahindra
Turk Telekom
Verizon
VMWare
Vodafone
ZTE

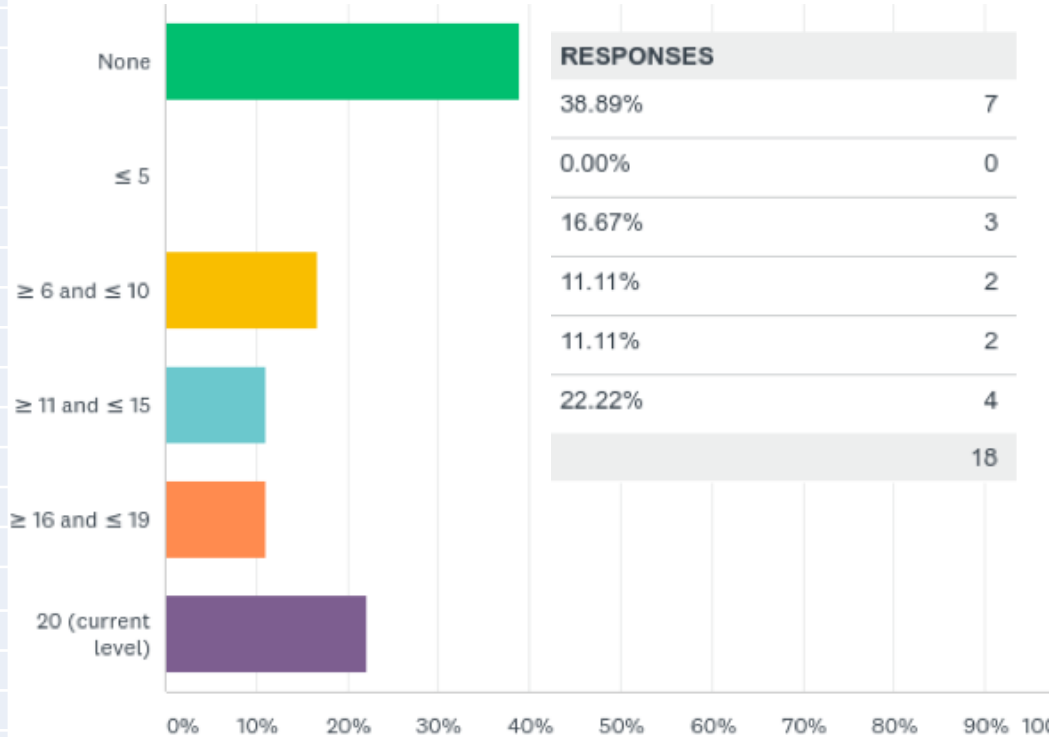


Permanent Seats reserved for the 2017 ONAP Platinum Members

This is really bad idea

- It binds the TSC to this list going forward
- A company could potentially block a seat even if they never contributing to ONAP or LFN in any way

AMDOCS
AT&T
Bell Canada
China Mobile
China Telecom
Cisco
Cloudify
Ericsson
Huawei
IBM
Intel
Nokia
Orange
Reliance Jio
Tech Mahindra
Turk Telekom
Verizon
VMWare
Vodafone
ZTE



Permanent seats reserved for any LFN Platinum Member

Current LFN Platinum Member list
Bold: 2017 ONAP Plats
 Shaded: Operators

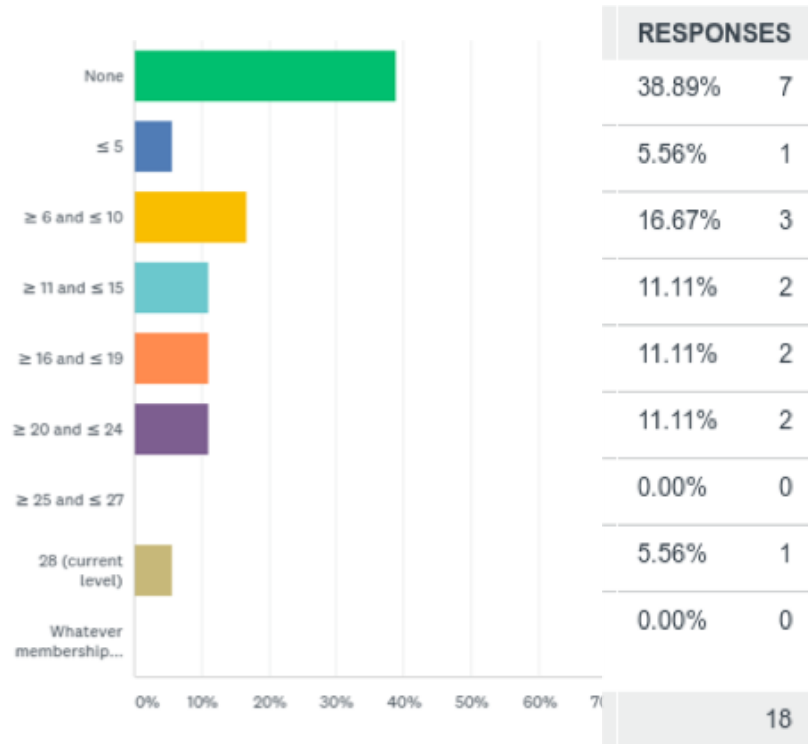
Positives

- Acknowledges contribution to LFN
- Not bound to a named company

Negatives

- Strongly implies “Pay to Play” participation requirements
- Implies a much larger TSC

AMDOCS
AT&T
Bell Canada
China Mobile
China Telecom
Cisco
Ericsson
Huawei
IBM
Intel
Juniper
Lenovo
NEC/Netcracker
Nokia
Orange
Qualcomm
Red Hat
Reliance Jio
Samsung
SUSE
Tech Mahindra
Turk Telekom
Verizon
VMWare
Vodafone
ZTE

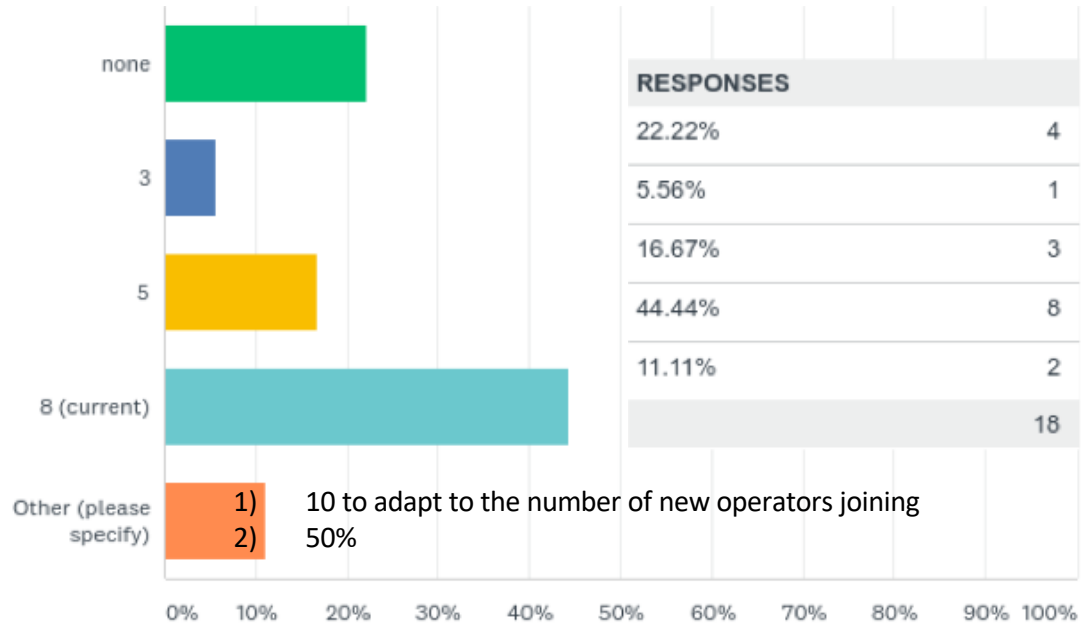


Permanent seats reserved for "Operators"

Bold: 2017 ONAP Plats
All LFN operators listed

- 8 want 5 or fewer reserved seats
- 8 want the current 8

AT&T
Bell Canada
CableLabs
China Mobile
China Telecom
Comcast
KDDI
KT
LG Uplus
Orange
PCCW Global
Reliance Jio
SES Networks
SK Telecom
Sprint
Swisscom
Telecom Italia
Tencent
Turk Telekom
VEON
Verizon
Vodafone



Membership Breakdown

- ONAP 2017 Plat. (-1) are now all LFN Platinum Members
- There are 7 more LFN Platinum Members than there were 2017 ONAP Platinum Members
- There are 13 more LFN operators (possibly even more depending on the definition) than there were 2071 ONAP Platinum SP Members

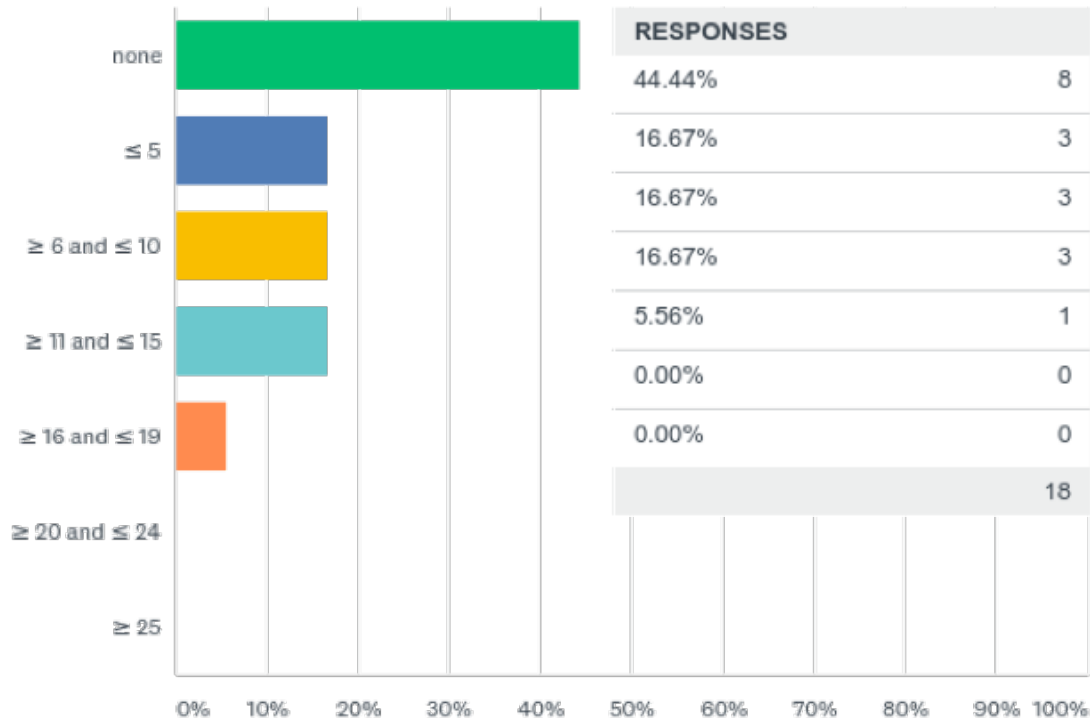
2017 Plat SP	2017 Plat ALL	LFN Plat	LFN Operator
-	AMDOCS	AMDOCS	-
AT&T	AT&T	AT&T	AT&T
Bell Canada	Bell Canada	Bell Canada	Bell Canada
-	-	-	CableLabs
China Mobile	China Mobile	China Mobile	China Mobile
China Telecom	China Telecom	China Telecom	China Telecom
-	Cloudify	-	-
-	Cisco	Cisco	-
-	-	-	Comcast
-	Ericsson	Ericsson	-
-	Huawei	Huawei	-
-	IBM	IBM	-
-	Intel	Intel	-
-	-	Juniper	-
-	-	-	KDDI
-	-	-	KT
-	-	Lenovo	-
-	-	-	LG Uplus
-	-	-	-
-	Nokia	NEC/Netcracker	-
-	-	Nokia	-
Orange	Orange	Orange	Orange
-	-	-	PCCW Global
-	-	Qualcomm	-
-	-	Red Hat	-
Reliance Jio	Reliance Jio	Reliance Jio	Reliance Jio
-	-	Samsung	-
-	-	-	SES Networks
-	-	-	SK Telecom
-	-	-	Sprint
-	-	SUSE	-
-	-	-	Swisscom
-	Tech Mahindra	Tech Mahindra	-
-	-	-	Telecom Italia
-	-	-	Tencent
Turk Telekom	Turk Telekom	Turk Telekom	Turk Telekom
-	-	-	VEON
Verizon	Verizon	Verizon	Verizon
-	VMWare	VMWare	-
Vodafone	Vodafone	Vodafone	Vodafone
-	ZTE	ZTE	-

LFN Operator Engagement in ONAP (YTD)

Company	git			gerrit	jira				wiki			email		
	commits	authors	repos	merged	issues	authors	projects	Assigned to	pages	comments	editors	messages	authors	lists
AT&T	4591	153	124	3322	2222	157	33	1935	600	371	100	791	73	11
Bell Canada	209	5	5	116	25	3	4	22	3	76	3	106	6	5
CableLabs														
China Telecom					1	1	1		1		1	5	1	1
China Mobile	256	6	25	218	120	5	5	90	36	6	8	52	6	8
Comcast														
KDDI														
KT												1	1	1
LG Uplus														
Orange	234	20	37	183	70	15	13	54	1	41	16	83	9	5
PCCW														
Reliance Jio	81	2	13	104	103	3	3	89			1	7	1	3
SES														
SK Telecom														
Sprint									3		3	1	1	1
Swisscom										9	1	8	2	3
Telecom Italia														
Tencent					1	1	1			2	2	1	1	1
Turk Telekom												4	1	2
VEON														
Verizon	1	1	1	2	2	1	2	1		31	2	53	3	2
Vodafone												16	4	6

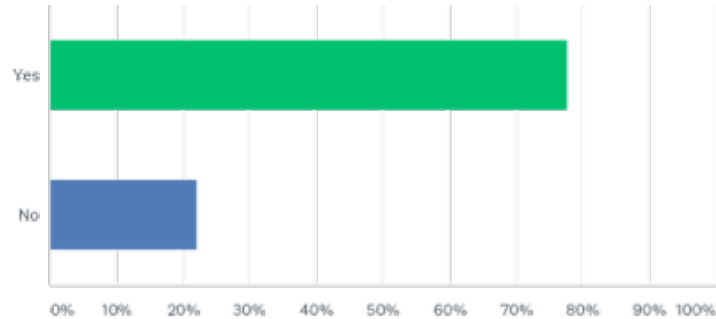
Permanent seats reserved for the top code contributing companies

- In a normal Community a provision like this would not be required as it would almost always happen organically
- This may be appropriate if some other artificial cap is put into place that could exclude the folks that are actually doing the bulk of the work

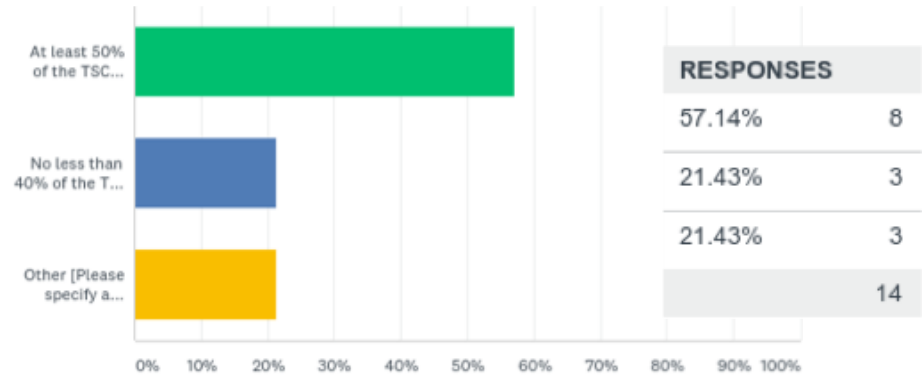


Ensuring a mix of operators and vendors

- The desire for striking a balance seems clear



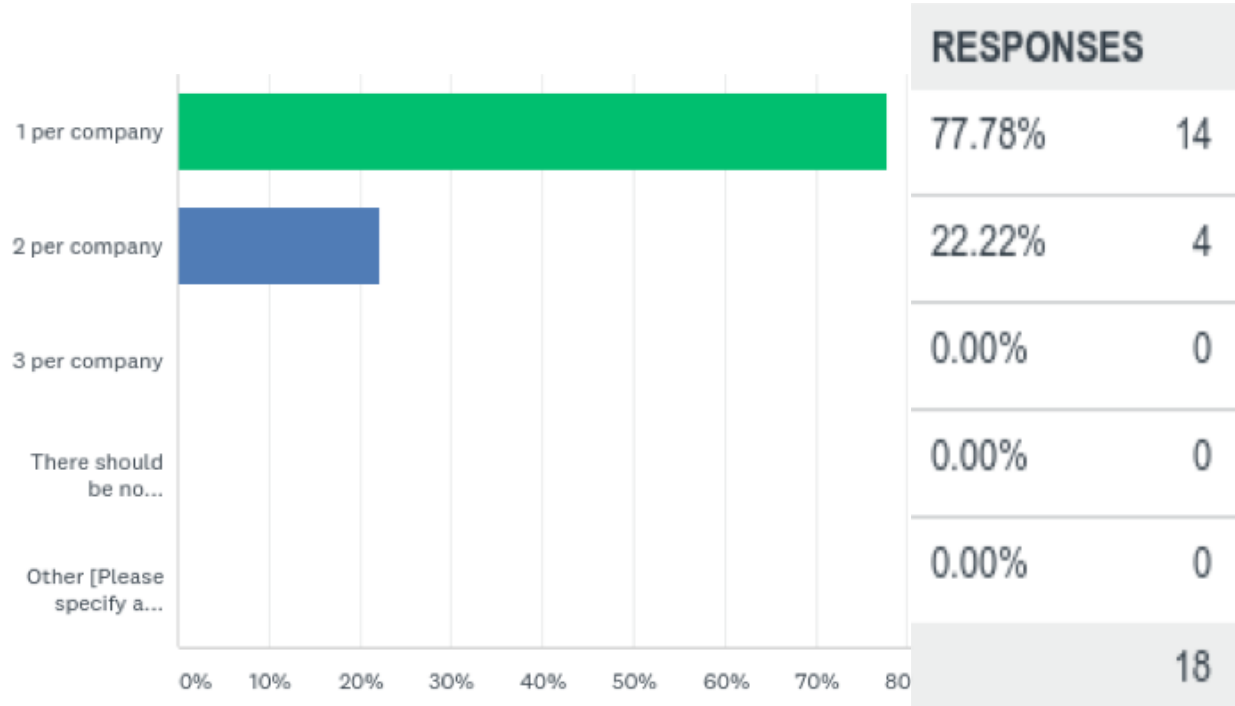
- The mix seems up for debate based upon the Other comments



- 1) no specific percentage
- 2) To answer this we need a definition of operator. In general a mix is suggested without "reserved seating"
- 3) No need to mandate this. Let all the operators who are platinum members allowed a TSC seat.

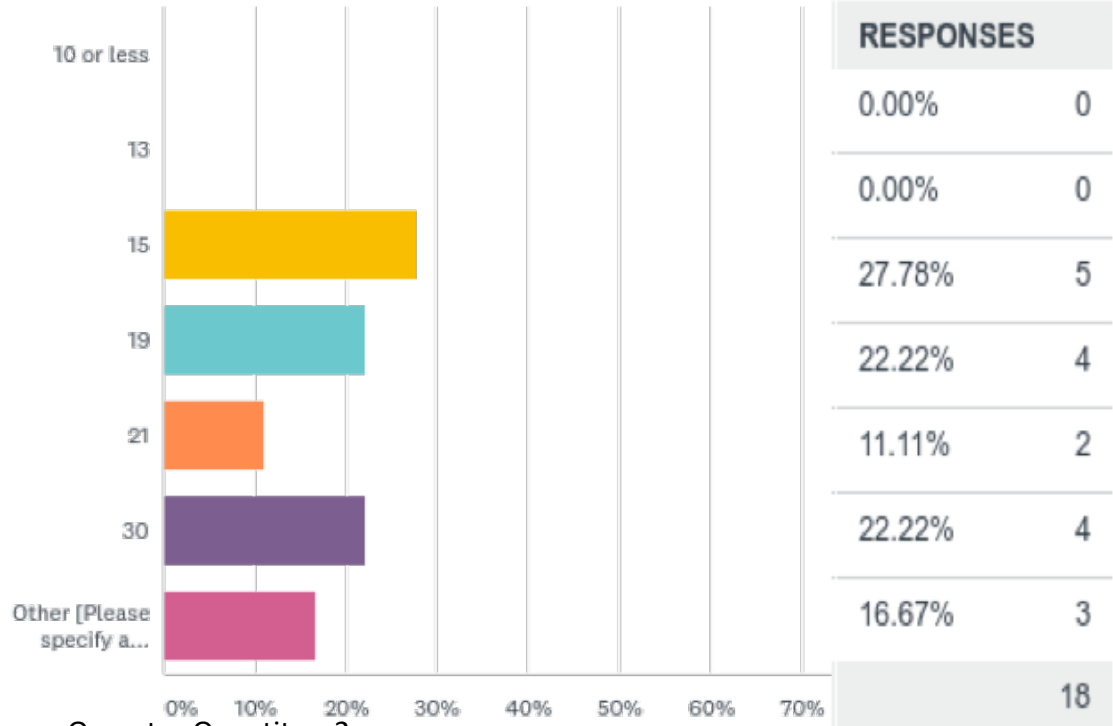
Company Cap on TSC Membership

- No controversy here.
Should be included



How large should the TSC be?

- 50% want the current or smaller size
- How many want it to be larger actually depends on how the Other responses qualified “Platinum” in their answers
 - #1 if based upon current LFN numbers would be 16
 - #3 if based upon current LFN numbers it would be 31



- 1) Platinum Operator Quantity x 2
- 2) 31
- 3) Total number of platinum members (1 from each) + 5 (elected from non platinum members)

Composition Suggestion – keep it simple

- Turk Telekom, Verizon and Vodafone are granted a one year exception to appoint a representative to the TSC if necessary
- The permanent size of the TSC is set to 17
 - With the exception granted the TSC size could be up to 20 for the next year
- No more than 1 person per company, with a single exception below*
- A definition of operator is established
- 8 seats reserved for operators under that definition, irrespective of membership level
- *Make the job role of “Release Manager”, which is an elected position, a TSC seat



ONAP

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