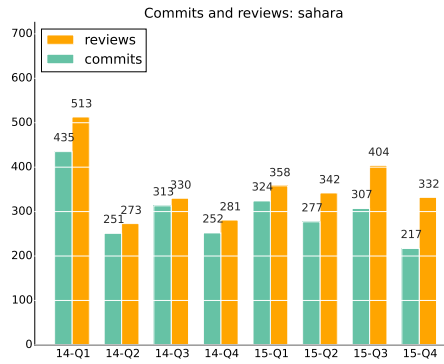OpenStack Community Activity Report: Sahara
October-December, 2015
Report sponsored by the OpenStack Foundation
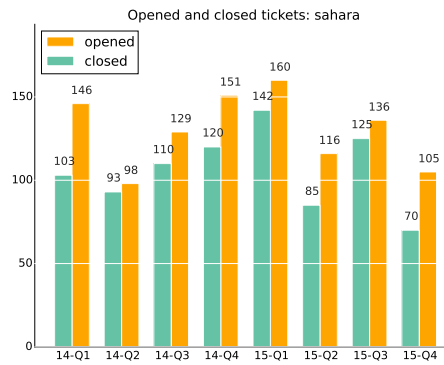

January 14, 2016

# 1   Activity

Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.

Commits and reviews: sahara

Period	Commits	Reviews
14-Q1	435	513
14-Q2	251	273
14-Q3	313	330
14-Q4	252	281
15-Q1	324	358
15-Q2	277	342
15-Q3	307	404
15-Q4	217	332

Opened and closed tickets: sahara

Period	Closed	Opened
14-Q1	103	146
14-Q2	93	98
14-Q3	110	129
14-Q4	120	151
15-Q1	142	160
15-Q2	85	116
15-Q3	125	136
15-Q4	70	105

Merged and abandoned reviews: sahara
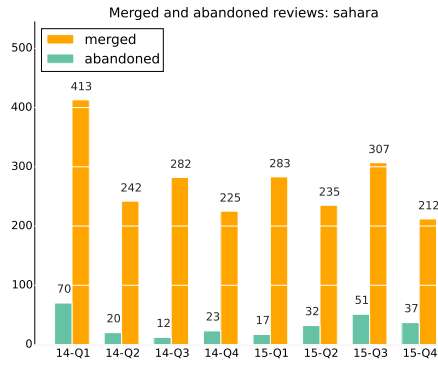
Period	Merged	Abandoned
14-Q1	413	70
14-Q2	242	20
14-Q3	282	12
14-Q4	225	23
15-Q1	283	17
15-Q2	235	32
15-Q3	307	51
15-Q4	212	37

2 Community

Active core reviewers in Gerrit, active authors in Git, top authors and organizations in the last quarter

Active Core Reviewers: sahara
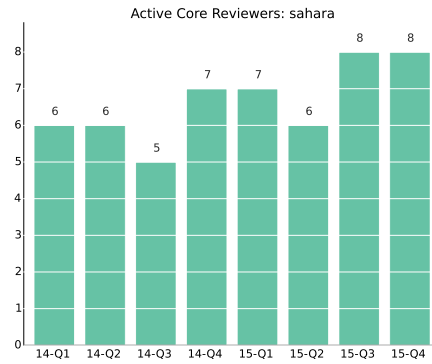
Period	Active Core
14-Q1	6
14-Q2	6
14-Q3	5
14-Q4	7
15-Q1	7
15-Q2	6
15-Q3	8
15-Q4	8

Authors sahara
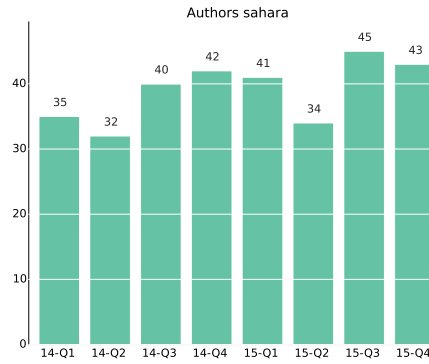
Period	Authors
14-Q1	35
14-Q2	32
14-Q3	40
14-Q4	42
15-Q1	41
15-Q2	34
15-Q3	45
15-Q4	43

| Commit (s)	Author
47	apavlov
38	Vitaly Gridnev
15	Sergey Lukjanov
11	Evgeny Sikachev
11	huichun.lu
10	Chad Roberts
9	Sergey Reshetnyak
8	Jaxon Wang
7	Grigoriy Rozhkov
6	David Lyle

| Commit (s)	Organizations
127	Mirantis
47	Cloudscaling
26	Intel
16	Red Hat
12	99cloud
10	HP
7	MapR Technologies
5	EMC
3	Fujitsu
3	IBM
3	NEC
3	OpenStack Foundation
2	EasyStack
1	Cloudwatt
1	Federal University of Campina Gran
1	LSD
1	Nimag Networks
1	SAP

3   Process

Efficiency closing changesets and tickets, time to review (mean and median),
number of patchests (iterations) per changeset and study on the time waiting
for a reviewer or submitter action in the patchset review process.

Efficiency closing tickets: sahara
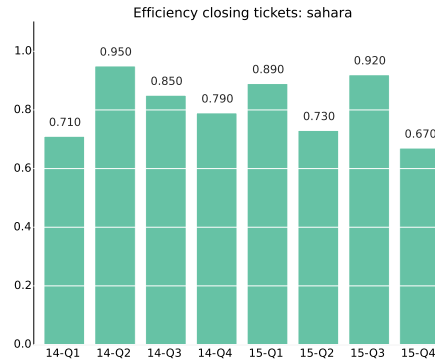
Period	Closed/Opened
14-Q1	0.71
14-Q2	0.95
14-Q3	0.85
14-Q4	0.79
15-Q1	0.89
15-Q2	0.73
15-Q3	0.92
15-Q4	0.67

Changesets efficiency: sahara
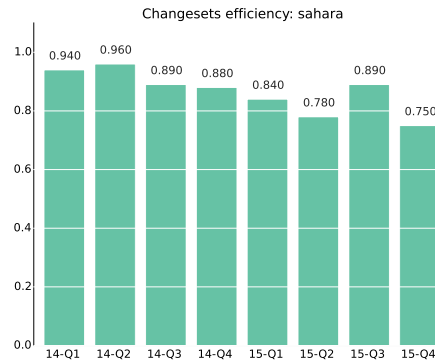
Period	(Aband. and Merg.)/Subm.
14-Q1	0.94
14-Q2	0.96
14-Q3	0.89
14-Q4	0.88
15-Q1	0.84
15-Q2	0.78
15-Q3	0.89
15-Q4	0.75

Time to merge (days): sahara
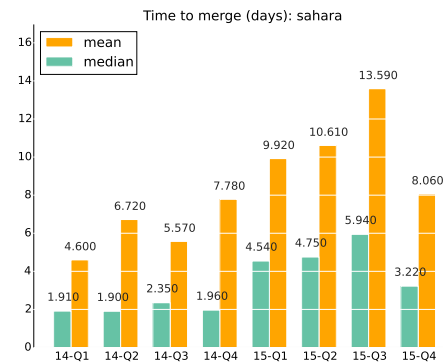
Period	Median	Mean
14-Q1	1.91	4.6
14-Q2	1.9	6.72
14-Q3	2.35	5.57
14-Q4	1.96	7.78
15-Q1	4.54	9.92
15-Q2	4.75	10.61
15-Q3	5.94	13.59
15-Q4	3.22	8.06
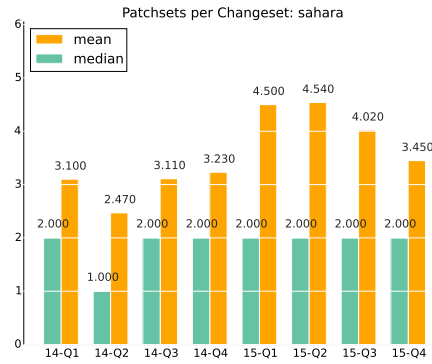
Period	Median	Mean
14-Q1	2.0	3.1
14-Q2	1.0	2.47
14-Q3	2.0	3.11
14-Q4	2.0	3.23
15-Q1	2.0	4.5
15-Q2	2.0	4.54
15-Q3	2.0	4.02
15-Q4	2.0	3.45
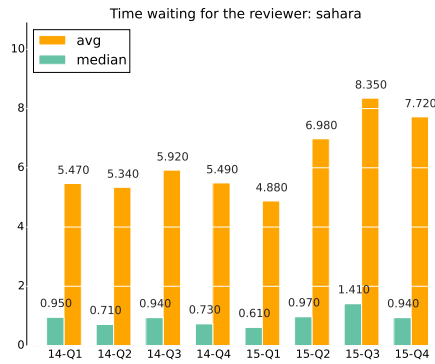
Period	Median	Mean
14-Q1	0.95	5.47
14-Q2	0.71	5.34
14-Q3	0.94	5.92
14-Q4	0.73	5.49
15-Q1	0.61	4.88
15-Q2	0.97	6.98
15-Q3	1.41	8.35
15-Q4	0.94	7.72
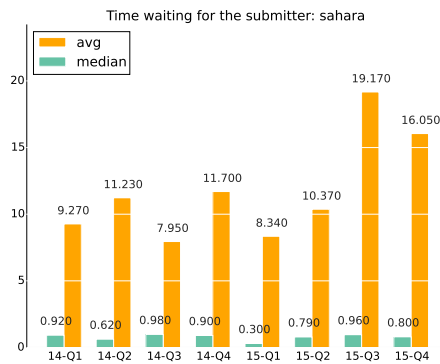
Period	Median	Mean
14-Q1	0.92	9.27
14-Q2	0.62	11.23
14-Q3	0.98	7.95
14-Q4	0.9	11.7
15-Q1	0.3	8.34
15-Q2	0.79	10.37
15-Q3	0.96	19.17
15-Q4	0.8	16.05