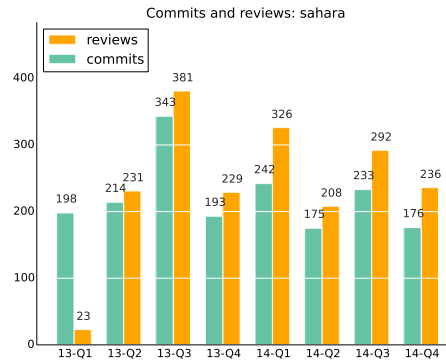OpenStack Community Activity Report: Sahara
October-December, 2014
Report sponsored by the OpenStack Foundation
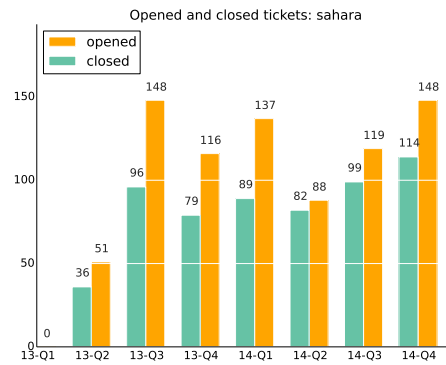

January 14, 2015

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
13-Q1	198	23
13-Q2	214	231
13-Q3	343	381
13-Q4	193	229
14-Q1	242	326
14-Q2	175	208
14-Q3	233	292
14-Q4	176	236

Opened and closed tickets: sahara

Period	Closed	Opened
13-Q1	0	0
13-Q2	36	51
13-Q3	96	148
13-Q4	79	116
14-Q1	89	137
14-Q2	82	88
14-Q3	99	119
14-Q4	114	148

Merged and abandoned reviews: sahara
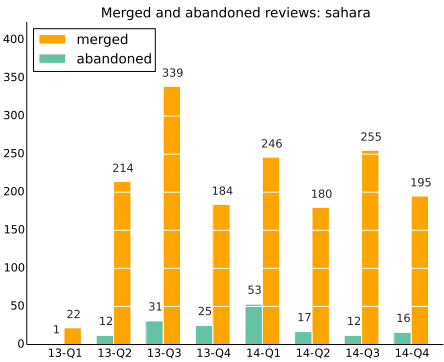
Period	Merged	Abandoned
13-Q1	22	1
13-Q2	214	12
13-Q3	339	31
13-Q4	184	25
14-Q1	246	53
14-Q2	180	17
14-Q3	255	12
14-Q4	195	16

2   Community

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

Active Core Reviewers: sahara
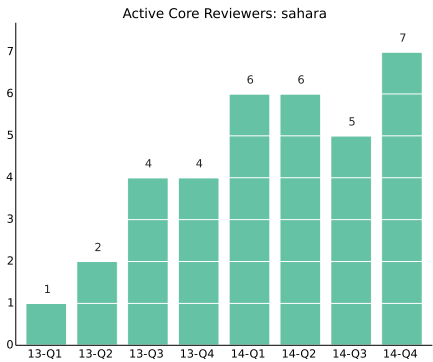
Period	Active Core
13-Q1	1
13-Q2	2
13-Q3	4
13-Q4	4
14-Q1	6
14-Q2	6
14-Q3	5
14-Q4	7

Authors sahara
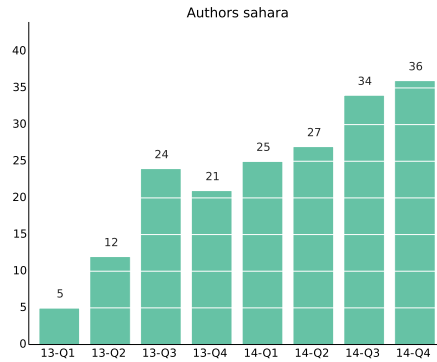
Period	Authors
13-Q1	5
13-Q2	12
13-Q3	24
13-Q4	21
14-Q1	25
14-Q2	27
14-Q3	34
14-Q4	36

Commit (s)	Author
32	Sergey Reshetnyak
30	Andrew Lazarev
16	Trevor McKay
15	Shilla Saebi
12	ERROR
9	Andrey Pavlov
7	Vitaly Gridnev
6	Matthew Farrellee
6	Michael McCune
6	Sergey Lukjanov

| Commit (s)	Organizations
92	Mirantis
35	Red Hat
15	Comcast
12	Numergy
10	Cloudscaling
4	Intel
3	NTT
3	UFCG
2	Canonical
2	OpenStack Foundation

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
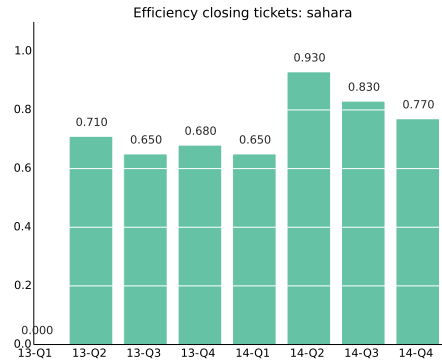
Period	Closed/Opened
13-Q1	0
13-Q2	0.71
13-Q3	0.65
13-Q4	0.68
14-Q1	0.65
14-Q2	0.93
14-Q3	0.83
14-Q4	0.77

Changesets efficiency: sahara
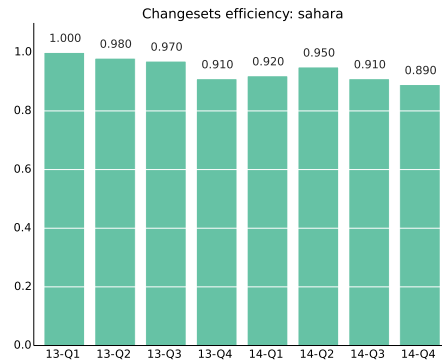
Period	(Aband. and Merg.)/Subm.
13-Q1	1.0
13-Q2	0.98
13-Q3	0.97
13-Q4	0.91
14-Q1	0.92
14-Q2	0.95
14-Q3	0.91
14-Q4	0.89

Time to merge (days): sahara
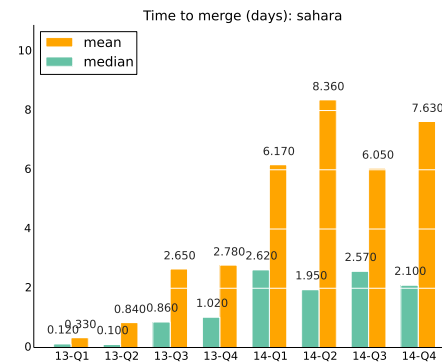
Period	Median	Mean
13-Q1	0.12	0.33
13-Q2	0.1	0.84
13-Q3	0.86	2.65
13-Q4	1.02	2.78
14-Q1	2.62	6.17
14-Q2	1.95	8.36
14-Q3	2.57	6.05
14-Q4	2.1	7.63
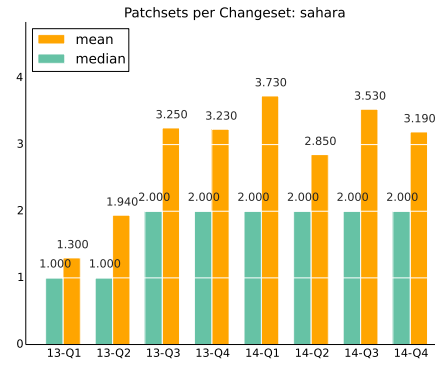
Period	Median	Mean
13-Q1	1.0	1.3
13-Q2	1.0	1.94
13-Q3	2.0	3.25
13-Q4	2.0	3.23
14-Q1	2.0	3.73
14-Q2	2.0	2.85
14-Q3	2.0	3.53
14-Q4	2.0	3.19
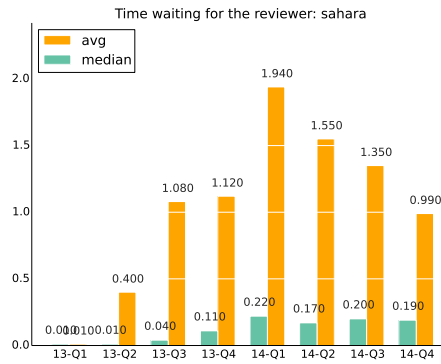
Period	Median	Mean
13-Q1	0.01	0.01
13-Q2	0.01	0.4
13-Q3	0.04	1.08
13-Q4	0.11	1.12
14-Q1	0.22	1.94
14-Q2	0.17	1.55
14-Q3	0.2	1.35
14-Q4	0.19	0.99
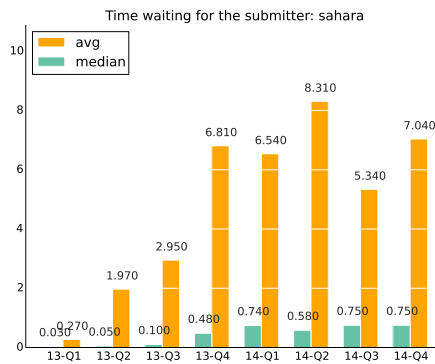
Period	Median	Mean
13-Q1	0.03	0.27
13-Q2	0.05	1.97
13-Q3	0.1	2.95
13-Q4	0.48	6.81
14-Q1	0.74	6.54
14-Q2	0.58	8.31
14-Q3	0.75	5.34
14-Q4	0.75	7.04