



Meeting of the Technical Steering Committee (TSC) Board

Wednesday, October 10th, 2018
11:00am ET

Meeting Logistics

- <https://zoom.us/j/556149142>
- United States : +1 (646) 558-8656
 - Meeting ID: 556 149 142

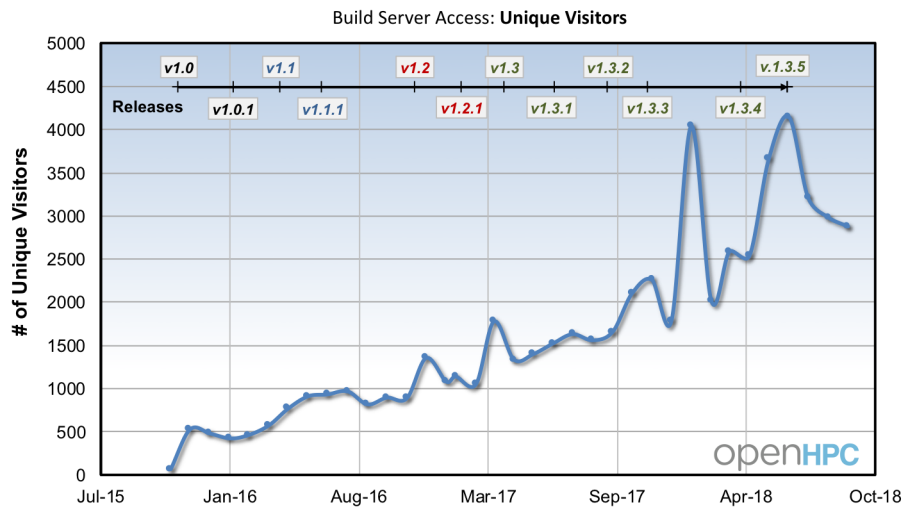
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Agenda

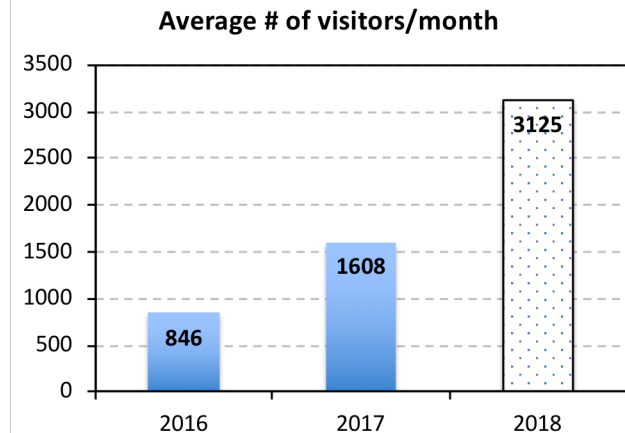
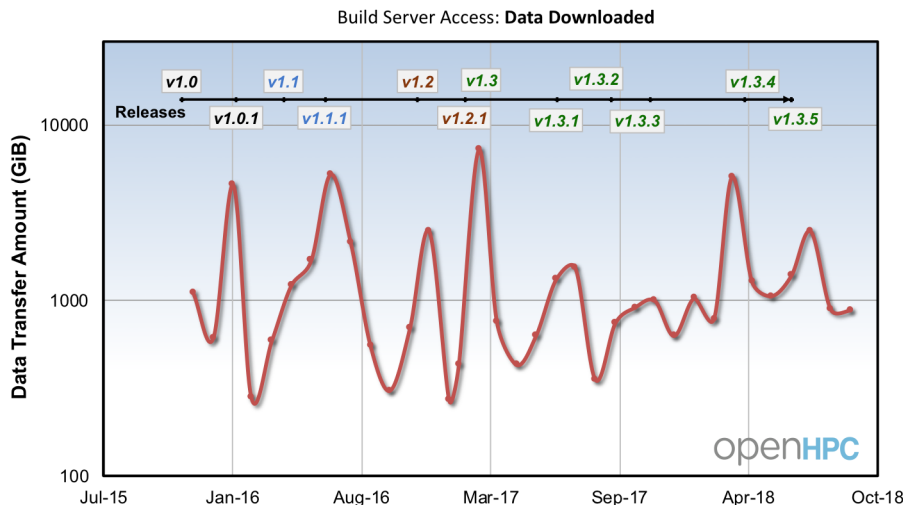
- Reminder: SC'18 BoF :
 - Wednesday, 14 November 2018: 12:15-13:15
 - Room: C140/142
- New item(s) for SC'18:
 - OpenHPC tutorial at One Intel Station (off site but walking distance)
 - Reese leading a hands-on tutorial (similar to what was given at Open Source Summit)
 - Monday (11/12): 12-2:30
 - Classroom style: welcome other TSC members to come and help
 - Invitation to present at Data Center Automation, Analytics, and Control Workshop (11/12)
- Updated quarterly access stats
- Repo archive
- v1.3.6 update

Updated Usage/Access Statistics (thru Sept. 2018)



- Stats for build/repo server (tracking # of unique visitors per month and amount of data downloaded):

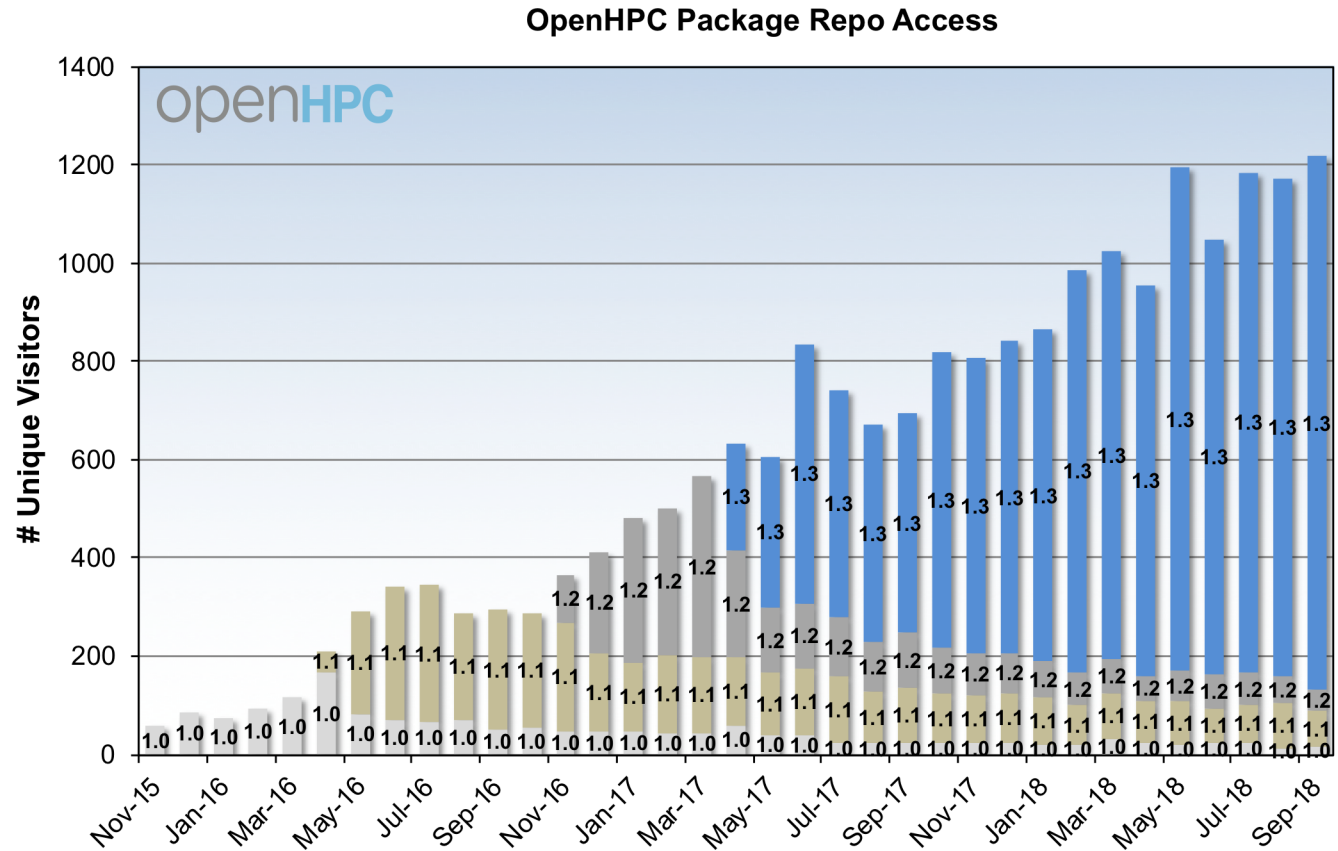
<http://build.openhpc.community>



Averaging 1.85 TB Download/month

Updated Usage/Access Stats (thru Sept. 2018)

- These stats monitor access specifically to package repository metadata (typically expected to be via yum/zypper)
- Repo access binned by minor version



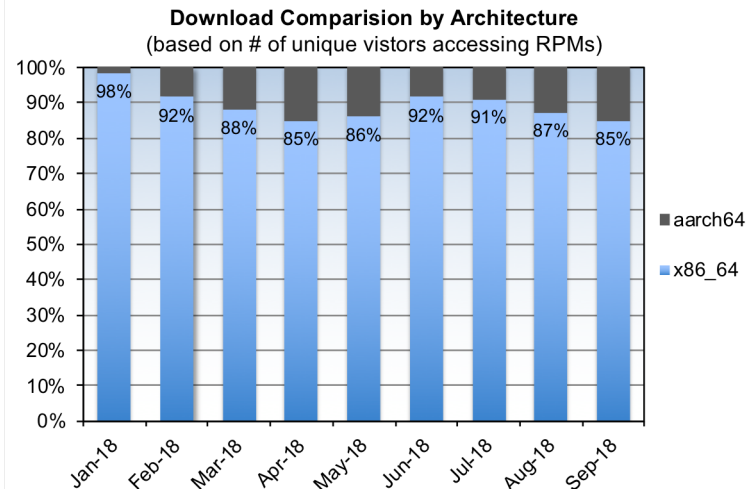
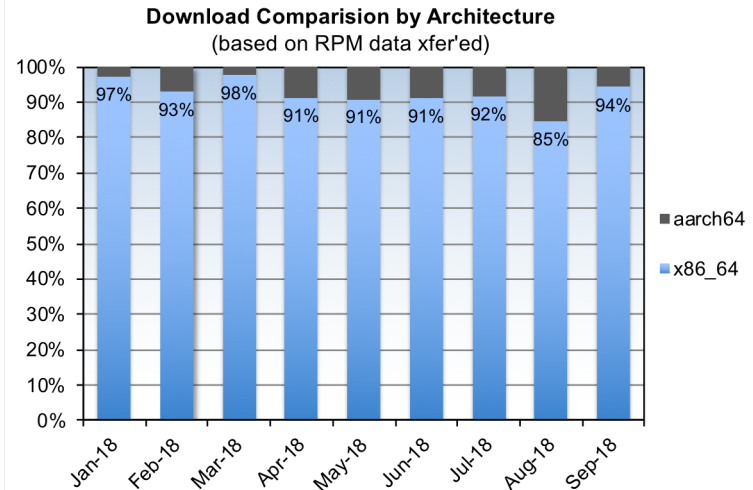
Updated Usage/Access Stats (thru Sept. 2018)

Architecture specific metrics:

- To provide some characterization, we scrape the access logs to analyze two architecture specific file types:

```
( aarch64 | x86_64 ) .rpm  
( aarch64 | x86_64 ) .tar
```

- Plots compare percentages for the amount of data xfer'ed and the # of unique visitors accessing the (aarch64|x86_64) files



Repo archive

- Q: do we want to consider standing up a separate repo archive in s3 (or similar)?
 - place to backup older releases (and possibly latest too)
 - could potentially be used for production releases in the future
 - ie. push results from build.openhpc.commmunity to this area?
 - would want to make sure we have the same ability to monitor traffic that we are doing now (e.g. can we track package metadata file access, etc)
- Possible naming options
 - repos.openhpc.community
 - vault.openhpc.community
 - ???

1.3.6 Release - WIP for SC'18 release

Expected items:

- no new recipes
- introduce new gcc compiler variant (gcc8)
- add an "ohpc" version delimiter to release packaging
- introduce some ARM hpc compiler family builds
- adding 3 new high-level components: OpenCoarrays, Paraver, GeoPM (5 packages including dependencies)
- a number of component version updates (~38%)

