

USER BENEFITS

- HPC access
- File access (browse, view, edit)
- Job control (submit, monitor, delete)
- Single point of entry for HPC Center's services
- Zero install (completely browser based)



MORE
INFO:



ADMIN BENEFITS:

- Firewall friendly (keep traffic on https port)
- Installable on range of cluster sizes / architectures
- Easy onboarding of users new to HPC



MORE
INFO:



FILE ACCESS

Go To... >_ Open in Terminal New File New Dir Upload Show Dotfiles Show Owner/Mod

firstapp2 oakley_vdi ood-dashboard osc-jobstatus osc-shell-bash **vftwebapp**

app bin config data db jobs lib log public

`/users/appl/jnicklas/awesim/dev/vftwebapp/`

View Edit A-Z Rename **Download** Copy Paste

* (Un)Select All **Delete**

name	size	modified date
lib	<dir>	11/21/2016
log	<dir>	11/21/2016
public	<dir>	12/01/2016
tmp	<dir>	11/21/2016
vendor	<dir>	11/21/2016
wiki	<dir>	11/21/2016
.bowerrc	52b	11/21/2016
.env	245b	12/01/2016
.env.production	467b	12/01/2016

MORE
INFO:



MANAGE JOBS

All Jobs ▾

Active Jobs

Show entries Filter:

ID	Name	User	Account	Time Used	Queue	Status
> 3057900.owe...	high_yp_PIV_N_80_PR_1_2_w_trn	osu9725	PAS1136		parallel	Hold
> 3130444.owe...	RASPA_convert	osu1842	PAA0026	140:50:24	serial	Running
> 3130446.owe...	RASPA_convert	osu1842	PAA0026	138:30:25	serial	Running
> 3130447.owe...	RASPA_convert	osu1842	PAA0026	138:09:22	serial	Running
> 3133547.owe...	high_y+_PIV_N_80_choke_wo_trn	osu9725	PAS1136	17:36:02	parallel	Running
> 3137260.owe...	Case42	osu8290	PAA0008	96:36:34	longserial	Running
> 3137285.owe...	Case195	osu8290	PAA0008	163:01:58	longserial	Running
> 3137292.owe...	Case261	osu8290	PAA0008	165:44:57	longserial	Running
> 3137721.owe...	Case301	osu8290	PAA0008	165:40:00	longserial	Running
> 3137722.owe...	Case302	osu8290	PAA0008	127:39:33	longserial	Running

MORE
INFO:



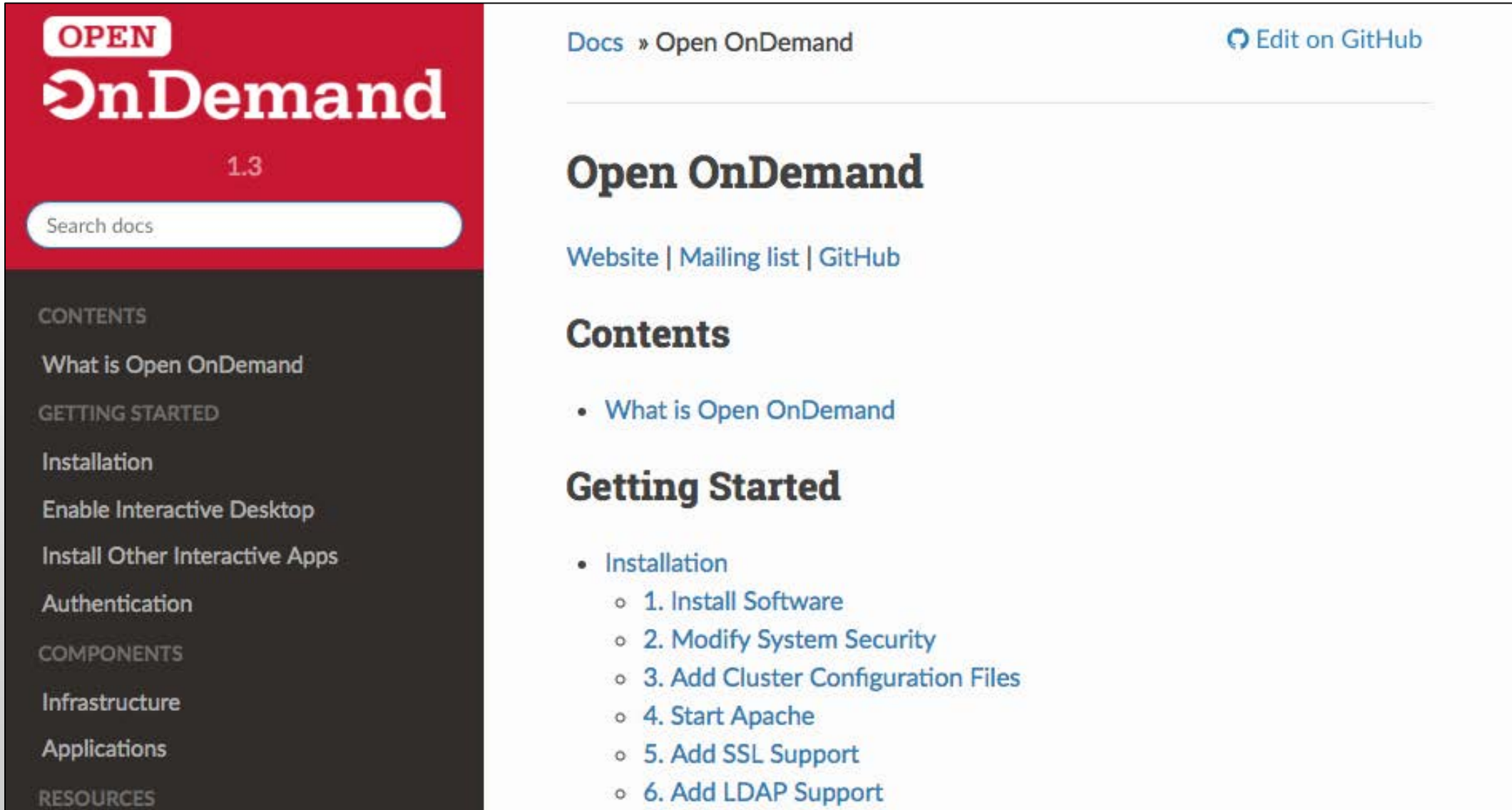
INTERACTIVE APPLICATIONS

Interactive Apps	Jupyter + Spark (3440375.owens-batch.ten.osc.edu) Queued
Desktops	Created at: 2018-07-05 10:44:10 EDT Delete
🖥️ Oakley Desktop	Time Requested: 1 hour
🖥️ Owens Desktop	Session ID: 2f4a8a31-388e-454b-af38-ef714a18e220
🖥️ Ruby Desktop	Please be patient as your job currently sits in queue. The wait time depends on the number of cores as well as time requested.
🖥️ Oakley VDI	
🖥️ Owens VDI	
🖥️ Ruby VDI	
GUIs	Oakley Desktop (11191672.oak-batch.osc.edu) 1 node 12 cores Running
🏢 ANSYS Workbench	Host: n0623.ten.osc.edu Delete
🔧 Abaqus/CAE	Created at: 2018-07-05 10:44:00 EDT
📊 COMSOL Multiphysics	Time Remaining: about 1 hour
🔥 MATLAB	Session ID: d5144945-627f-4d2e-8e7a-6fb601ce926a
📺 ParaView	<input type="radio"/> noVNC Connection <input type="radio"/> Native Instructions
	Launch noVNC in New Tab View Only (Share-able Link)

MORE
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ONLINE DOCUMENTATION



OPEN
OnDemand
1.3

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GETTING STARTED

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Open OnDemand

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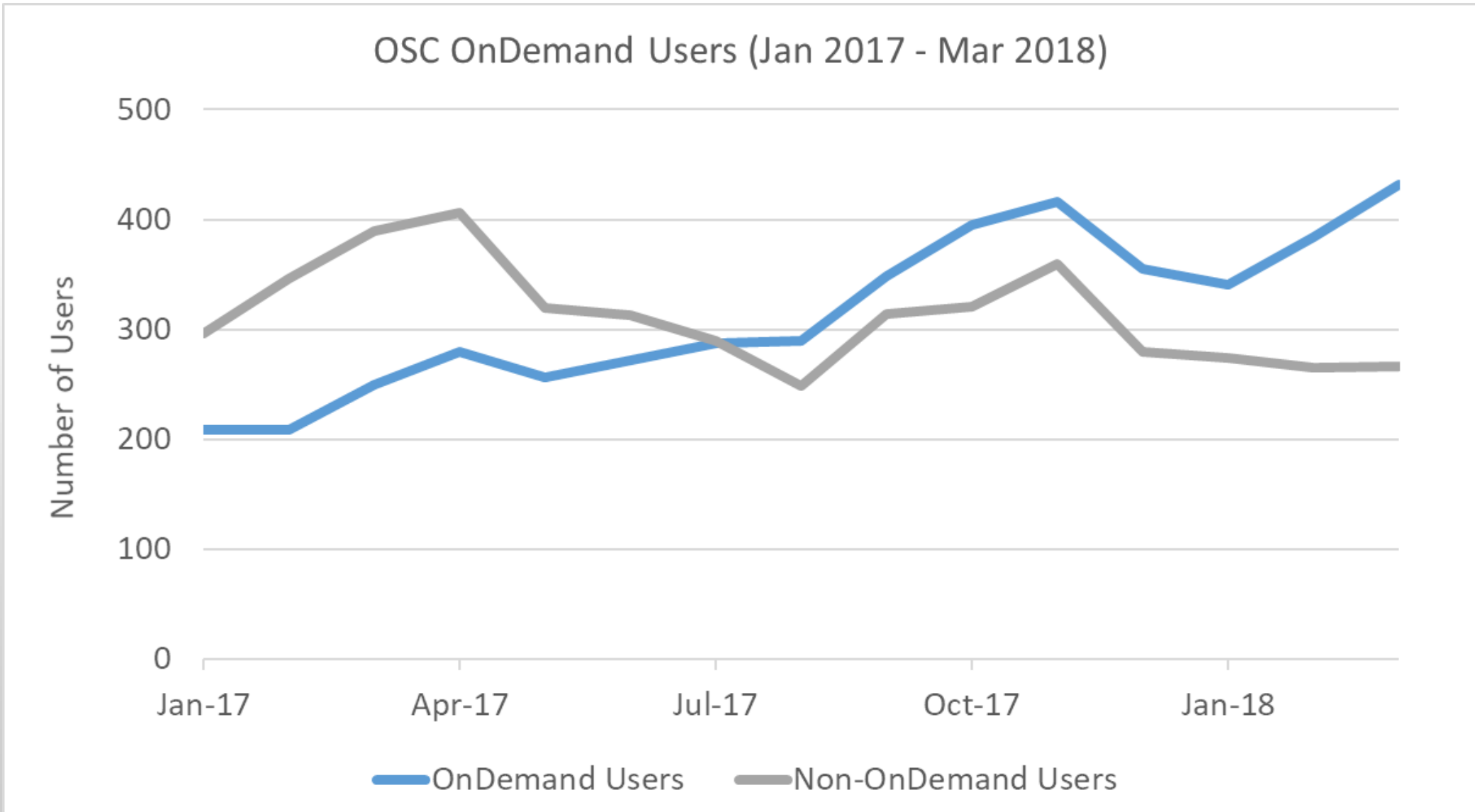
Getting Started

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INFO:



ADOPTION AT OSC



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Based upon work supported by the National Science Foundation under grant number 1534949.

FASTER TIME TO SCIENCE

in hours

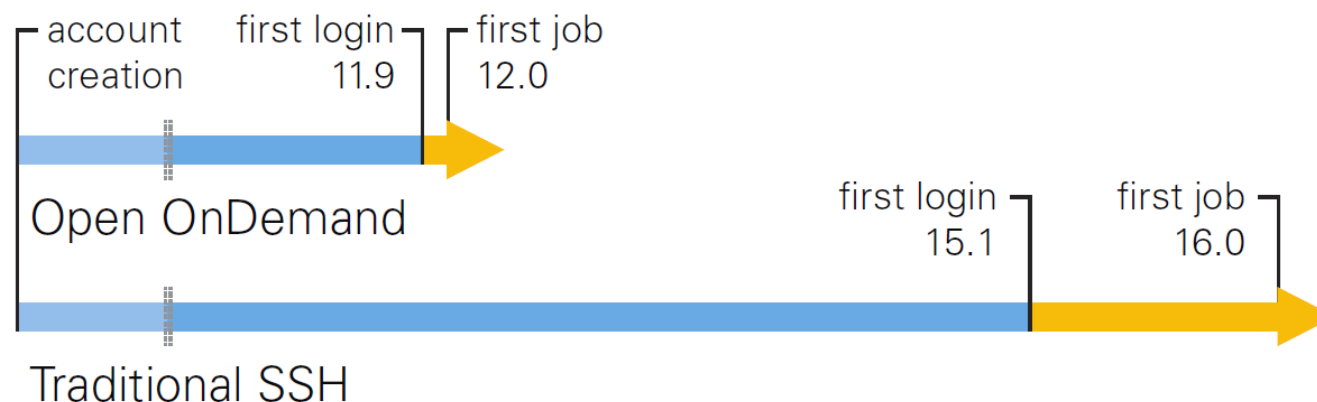
76

less hours between
account creation
& first login

20

less hours between
first login
& first job

in days



*Data set: Median times from 1712 OSC accounts created in 2017

OPEN

OnDemand

MORE
INFO:



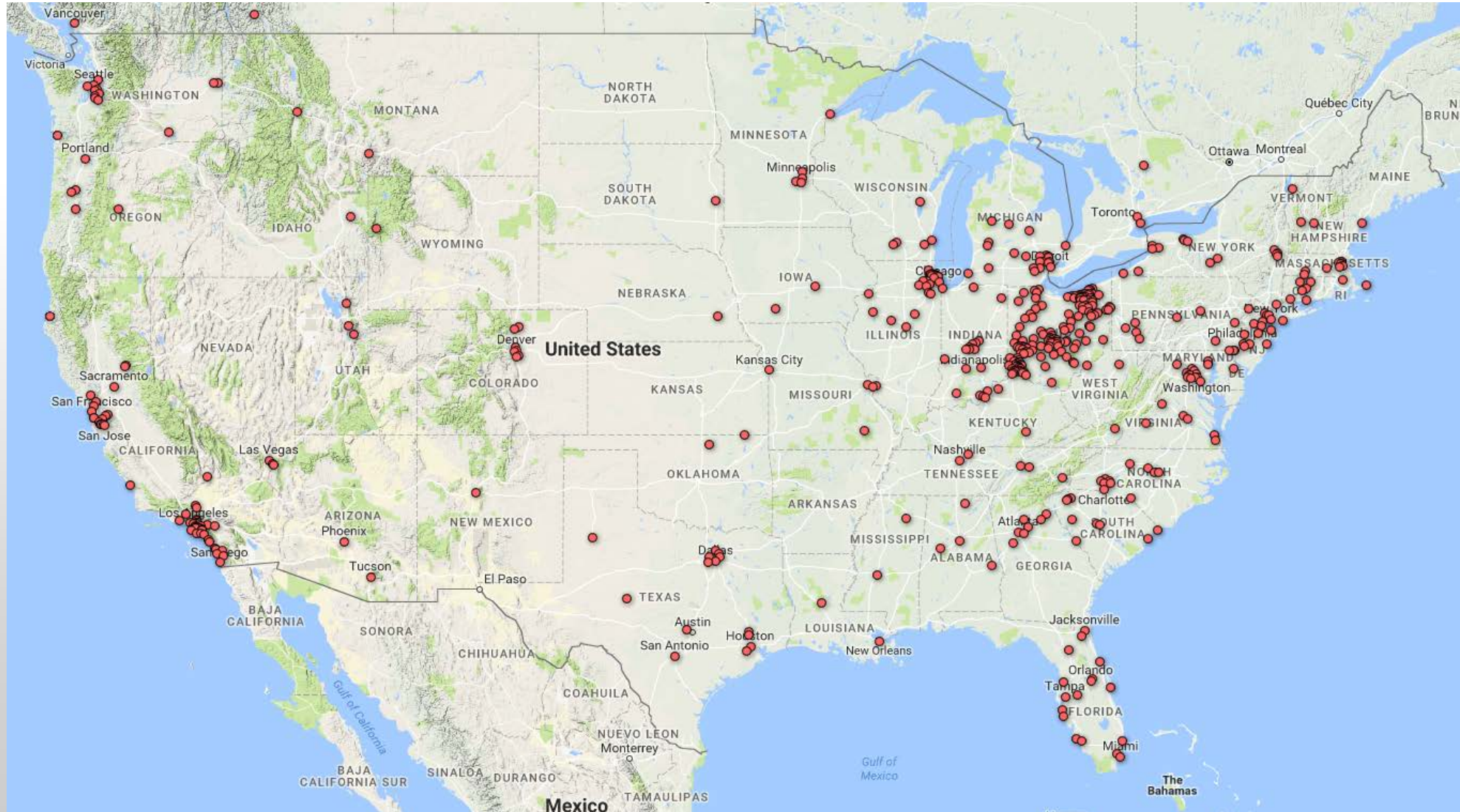
EXAMPLE ENGAGEMENTS / DEPLOYMENTS



MORE
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OSC ONDEMAND US LOGINS (CY2017)



MORE
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