Service source

**project requirement**

* sublime text
* sky
* cfsndsl
* putty
* terminator
* cisco anyconnect
* meld
* gedit
* aws sdk
* aws cli
* java oracle
* authy
* pgadmin
* python
* pip3
* docker
* kubernetes
* hadoop
* ansible
* chef client
* git
* jenkins

**19 july :**

* aws s3 bucket and its creation
* setup python , ruby , docker , java , kubernetes , maven

**20 ansd 21 july : sat sun**

**22 july**

* kubernetes cluster setup using kubeadm
* started wrkng on script to fetch information from kubernetes containers

**23 july**

* sqa -stk3 upgrade 1.3.8 with samarth (ise to dev certified )
* pe-RS upgrade with samarth
* shell script to fetch info for kubernetes containers
* aws s3 : Creating and configuring a s3 bucket

**24 july**

* aws cli setup : installing , configuring , using aws cli
* mongo indexing script on the following env : sbx stk1(docdb)

**25 july:**

* pe\_rs mongo indexing : dtf interact wd mongo – dtf instance – copy metadata.js – mongo cmd run -
* docdb mongo cmd run – index del – index create – verify on ui wd login and also on mongo tht db has indexed or not (core.transistions )
* config mgt files del on each env – stackconfig.yml , env config folder del
* documented previous issues that i looked : SERVICE\_SOURCE\_ISSUES&STATUS.docx

**26 july:**

* setup : chef , knife , terminator , ruby , python , pip , ciscoconnect ,

**27 and 28 july : sat sun**

**29 july**

* Pe etl - spot cluster launch wd 5 nodes
* Setup aws wd mfa , authy
* Knife configuration ,  sublime.    
  Knife node list
* Connnectors restart sfdc(kafkacst) sbx frb5
* Alert connectors were nt in active state  
  shared env p all connectors : (jenkins job)  
  Sbo rs : connectors are nt in wrkng state
* Change replication factor for kafka topics  on sqa stk3 and on pe rs

**30 july**

* Chef client run .. Ashish ticket
* Cluster terminate -- idle frm long
* Solr metrices on grafana -- incorrct loc
* Hive queries  were nt wrkng  -- for  1 table nt wrkng
* Sbx stk1 emr 5.16.0 cluster  launch
* Mongo indexes : Shared env for sqa sbx n pe   
  **On leave : 31 jul , 1 aug , 2 aug   
  Sat sun : 3 and 4 aug   
  5 Aug**
* Symentc versioning
* C2r simulation on sqa stk3
* Environment upgrade on sqa stk3 and pe rs for 1.3.8
* Sshpass installation on pe etl dataservices cluster   
  **6 aug**
* Pe etl dataservices -ssh pass installation
* Automated sshpass installation on sbx stk1
* Sqa stk3 cluster launch   
  **7 aug**
* Kubectl and helm setup
* Explored helm and helm charts
* Exploring release managemnt usinh helm
* Aws iam commands   
  **8 aug**
* Sqa stk3 cluster launch
* Sqa stk3 crw instance launch
* Sbx stk1 hudi2 cluster launch
* Upgraded latest dtf kn sqa stk3 and pr rs env
* Explored helm commands and possiblities to managae helm releases   
  **9 aug**
* Added keys
* Pricing refresh on sbx :docdb
* Instances increase on pe for gtw , c2r , dqi , dqs , gwr , rbs
* Symntc versing rs etl for (pe etl)  
  **10 , 11 : sat sun**

**12 aug**

* Script for cluster idle alert  : mail.sh
* Mongo commands and documented the same   
  **13 aug**
* New stack and new database create on PE
* Postgress : backup /dump ,  Create db , Postgress restore , cleanup .(scheduler and workload)
* Mongo : backup /dump ,  Create db , Postgress restoreeature/i5glob , cleanup .(configdb)  
  Pgadmin and postgres setup on local   
  **14 aug**
* Upgrade sqa stk3 1.3.8 with all services
* Upgrade pe rs1.3.8 with all services
* Config mgt deploy on sqa stk3 and pe rs   
  **15, 16, 17, 18 : holiday**

**19 aug**

* ee task : 212 as a edge node on 56 machine , ambari setup on 56
* 1 cluster launch request

**20 aug :**

* [00438354](https://servicesource.my.salesforce.com/5000d00001VNYOC) : pE-Etl cluster with 25 core nodes and 180 EBS memory:
* [00438355](https://servicesource.my.salesforce.com/5000d00001VNYSs) : nlaunch SBX-STK1 cluster with 1 core node
* 00438357: access to OrangeGoat in Github per my manager Erik McClenahan
* <https://github.com/SSI-Avalon> – orangegoat – settings- collabrotors and teams – add member
* [launch PE-Etl cluster with 20 core nodes:](https://servicesource.my.salesforce.com/5000d00001VNZM2)
* access on git repo : cjx-iaas -om soni
* Ee task : add 212 as a edge node on 56 machine
* hosts file configure , ambari setup and troubleshooting
* created pipeline for helm deployment using jenkins

**21 aug :**

* 00438484: parameterized jenkins job create – demo job and demo job2
* build job – datafabric-dev-ci – calling k8-genericdeployment -
* added build – contional step single – strings match – project to call – postman\_dtf\_execution

for service datafabric as a parameter .

**22 aug :**

* generate emrdetails : script to get the details for emr cluster
* ebs modified alert : script to send mail if ebs volume is used and modified .

**23 aug**

* pricing refresh on sbx
* c2r simulation enable on sqa stk3
* create new branch feature/i5glob for rs\_etl and implementations
* Branch Creation : feature/i5glob for rs etl and implementation
* aws-sdk setup

**24 25 : sat sun**

**26 aug :**

* Symentc versioning of orca on all env
* C2r simulation on sqa stk3

**27 aug :**

* PE ETL cluster with 30 core nodes
* ebs autoscaling alert script .
* Hadoop commands revise

**28 aug :**

* ebs autoscaling alert script completed and tested on the cluster .
* Multiple cluster launch requests :
* default sbx-stk5 cluster
* PE ETL cluster with 30 core nodes
* PE-Etl cluster with 2 core nodes: Requested by Sapna Hargunani

**29 aug :**

* pe etl cluster launch – ruchika
* symntc versioning on pe etl for rs etl , build :etl switch over rs etl , deploy :emr deploy pe etl
* deleted collections for mongo n solr for pe.rs.emea
* bulk in job trigger
* changes in resize\_storage.sh

**30 aug :**

* pricing refresh on sbx
* pricing refresh on sbx
* pricing refresh on pe

**31 aug and 1 sept : sat sun**

**2 sept :**

* ticket : feature/i5glob branch create for rs-etl and implementation , deleted the old one
* solr collections drop and create new : Del indexes from sqa stk1 and restore wd proper records

**3 sept :**

• PE ETL cluster db.createUser({user: "admin", pwd: "welcome", roles: [{role: "readWrite", db: "automation\_app"}]});with 5 core nodes : dev

• Renew-RS cluster with 15 core nodes

• launch default sbx-stk5 cluster , n terminated the same

• solr collections create app.products for tx and non tx , service.assets on sqa stk1. One failed due to size issue

• ee demo with execution team 3-4:30

**4 sept :**

• pd alert : sumologic collector restart : 10.3.20.83

• pe zkp-1 instance restart : 10.3.20.7

• launch SQA-STK3 cluster with default configuration., terminated the same

• launch SQA-STK3 cluster with below configuration.  6 core and 2 tasks of type r4.xlarge

• launch default sbx-stk1 cluster

• created clone of app.pricings collection as app.pricings2 in pe mongo source dbname – automation\_dell and source collection – app.pricings

• loaded app.pricings2 data into hive delta table on pe where source dbname – automation\_dell source collection – app.pricings2 target dbname - dell and target tablename - app\_pricings\_delta in new partition ds=2019-09-04

• launched renew rs cluster with 30 core nodes .

**5 sept :**

• launch default PE-RS-Dataservices cluster : 00440082

• launch default PE-RS-EMEA cluster : dyadav

• Please perform step PR3-Create DPS bad record hive tables for tenants dell and ciscoinc as part of Pre-release activity from checklist 1.3.8 on PE env

for dell and cisconic : entities are onep and renew : added 4 steps in emr

for the remaining versions of tenant dell used entity onep only

• Renew-RS cluster with 10 core nodes. : chirag/aayush

• added five s3 events in PE-RS-AddPartitionFunction lambda function for dps bad records where Keys are ----

pe/dpsdata/dell/emea/v1

pe/dpsdata/dell/abu/v1

pe/dpsdata/dell/apj/v1

pe/dpsdata/dell/rs/v1

pe/dpsdata/ciscoinc

• added two s3 event in SBX-STK5-AddPartitionFunction lambda function for dps bad records where keys are

key1 -- sbx/dpsdata/dell/frb5/v1

key2-- sbx/dpsdata/ciscoinc

also launched sbx-stk5 default cluster

**6 SEPT :**

* launch default PE-RS-Dataservices cluster : PE\_RS\_SCB
* pricing refresh on sbx env ,pe and sqa too
* launch default PE-RS-Dataservices cluster

**7 and 8th SEPT : SAT N SUN**

**9th SEPT :**

* Case 00437232:- Refresh PRISM Dell EMEA DS :-

Bulkin is complete -> compareD their SFDC & Mongo Counts. -> Triggered MongoToHive Dataload for all the entities. -> downscaled DPS/DTF INSTANCES -> Enable automatic upscale job <https://devadmin.dev.ssi-cloud.com/job/dpsJob_monitoring_pe_rs/>

* Launched pe etl cluster also migrated a table from prod/rs to pe/etl

job : hivedbmigration

* cv update

**10th SEPT :**

* update latest code for PE-ETL-FtpFunction and PE-ETL-EtlFunction.
* UPDATED RESUME
* Launched cluster : sbx stk5
* Launcehd cluster : sbx stk1
* aws rampup : ec2 cli commnds

**11 SEPT** : leave

**12 SEPT** :

* mul cluster launch req sbx stk5 , renew rs , pe-rs dataservices
* addded steps on sbo for DPS bad record hive tables for tenants dell

**13 SEPT** :

* Please enable C2R simulation in SBO environment
* execute step (2 and 7 only) of below document on SBX STK5   
  <https://wiki.dev.ssi-cloud.com/pages/viewpage.action?pageId=100237921>
* revert changes of case 00439244 : Please configure SQS for "srev-v2dev-datapipeline-in" bucket with path "sbx/stk5/data/", it should be similar to sbx\_stk5\_sqsqueueconfig (DATA\_LOAD\_QUEUE) which we have currently in SBX environment.

**14 SEPT & 15 SEPT : SAT SUN**

**16 SEPT :**

* 00441095 : launch cluster on SBX STK5 and execute step 7.b of doc : <https://wiki.dev.ssi-cloud.com/pages/viewpage.action?pageId=100237921> . added the steps in sbx stk5 cluster for dps error bad records
* 00440994 : created the new branch "release/I27-phase1" and the build jobs for the below mentioned services . RBS Implementations ConfigMgmt
* docker workshop :2:30-4:30

**17th SEPT :**

* Created the event sbx\_stk5\_sqsqueconfig with prefix sbx/stk5/data/ for the sqs SBX\_STK5\_DATA\_LOAD\_QUEUE on s3 bucket srev-v2dev-datapipeline-in .
* restarted solr nodes on pe
* created commands for hive hue and oozie setup for stk2 creation
* Created "release/I27-phase1" branch of Datafabric from master branch.
* Created "release/I27-phase1" branch for RS-ETL from master​
* launched the cluster SBX-STK1-DataServices