

Points of contact:

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New PROD EDL cluster connection strings

1. Hive hostname: edlhiveprod.jnj.com

Hive beeline command below :

beeline -u

"jdbc:hive2://edlhiveprod.jnj.com:10000/default;principal=hive/edlhiveprod.jnj.com@NA.JNJ.COM"

2. Impala load balancer host and port: edlimpalaprod.jnj.com

Port is **21000** for shell and **21050** for JDBC/ODBC

If your application is using any of the below, please make changes accordingly. As it may or may not apply to your application.

3. HBase :

HBase thrift	edlhbasethriftprod.jnj.com or itsusralsp07967.jnj.com
HBase rest API's	edlhbaserestprod.jnj.com or itsusralsp07968.jnj.com
HBase master connection	itsusralsp07967.jnj.com , itsusralsp07968.jnj.com

4. Oozie :

Oozie Server	edllooziereprod.jnj.com
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5. Spark and Spark2

Spark history server UI	https://edlsparkhistoryprod.jnj.com:18488/
Spark 2 history server UI link	https://edlspark2historyprod.jnj.com:18489/

6. Solr:

Solr UI link	https://edlsolrprod.jnj.com:8985/solr/#/
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7. Rest of the links:

Hue link for PROD EDL	https://edlhueprod.jnj.com:8888/
Navigator	https://edlnavigatorprod.jnj.com:7187/login.html
YARN job history server	https://itsusralsp08030.jnj.com:19890/jobhistory
Resource manager link	https://itsusralsp07967.jnj.com:8090/cluster
Edge node	itsusralsp08023.jnj.com

Hostname and IP's for new PROD EDL for any whitelists:

HostName	IP Address
ITSUSRALSP07966	10.38.201.254
ITSUSRALSP07967	10.38.201.253
ITSUSRALSP07968	10.38.201.255
ITSUSRALSP07969	10.38.202.0
ITSUSRALSP08030	10.38.202.69
ITSUSRALSP07970	10.38.202.1
ITSUSRALSP07971	10.38.202.2
ITSUSRALSP07973	10.38.202.4
ITSUSRALSP07974	10.38.202.5
ITSUSRALSP07975	10.38.200.90
ITSUSRALSP07976	10.38.200.91
ITSUSRALSP07977	10.38.202.3
ITSUSRALSP07978	10.38.202.6
ITSUSRALSP07979	10.38.202.9
ITSUSRALSP07980	10.38.202.8
ITSUSRALSP07981	10.38.202.7

ITSUSRALSP07982	10.38.202.40
ITSUSRALSP07983	10.38.202.39
ITSUSRALSP07984	10.38.202.10
ITSUSRALSP07985	10.38.202.38
ITSUSRALSP07986	10.38.200.67
ITSUSRALSP07987	10.38.202.41
ITSUSRALSP07988	10.38.202.42
ITSUSRALSP07989	10.38.202.43
ITSUSRALSP07990	10.38.202.44
ITSUSRALSP07991	10.38.202.45
ITSUSRALSP08028	10.38.202.67
ITSUSRALSP08027	10.38.202.65
ITSUSRALSP08026	10.38.202.64
ITSUSRALSP08024	10.38.202.62
ITSUSRALSP08025	10.38.202.63
ITSUSRALSP08023	10.38.202.60

What should application support do?

Please make changes to all the scripts/ configs according to above mentioned details, if your application is using any of the above.

How :

- a) If you have PROD ready files in dev, please make changes there and EDL Support will move them to new QA and then from QA to PROD.
- b) If required, EDL team will move the config/scripts from PROD to Dev so that you can make changes. EDL support needs to be notified about this.
- c) Do not make any script / code changes in PROD directly. Please let us know ASAP and we will move the requested files to DEV. So that changes can be made and PROD ready files are present in DEV. Please note we need source and destination folder to move from PROD to DEV, vice-versa.
- d) Raise requests with Tidal or Control M if in case the project is using them to test out the job execution via the edge node. **Edge node is itsusralsp08023.jnj.com**
- e) Raise a request to informatica team for connection changes once you're moving date is finalized: **Mention clearly that this is part of the PROD EDL migration over to the new cluster.**
Raise a request to informatica team for connection changes once you're moving date is finalized: please mention below details, in the request.
 - i. Informatica repository/model repository Name
 - ii. Informatica project Name
 - iii. Informatica connection and the new hive connect strings to be updated
 - iv. OS profile and application keytab names
- f) Get TAO approval for the migration of code and data from OLD PROD to NEW PROD cluster

High level flow:

- App team makes code changes for new PROD EDL cluster
- App team gets TAO approval for code / data migration
- App team forwards TAO approval to EDL support DL
- EDL support will move data and code from OLD PROD cluster to new PROD cluster
- EDL support will ask App team to test in the new cluster and give a go ahead
- Once App team gives a go ahead, EDL support will revoke project access in the OLD cluster and jobs will be stopped there
- App team to continue in the NEW PROD EDL cluster

Things to consider on PROD EDL for application support

- a) **Service Accounts** : If service accounts, who do not follow Standard naming convention of EDL and have upper case named service accounts then, you need to get keytab's re-created by the EDL admin team.
- b) **No automated migrations** allowed anymore on EDL.
- c) EDL support will be providing **Informatica** admins with the correct certificates and configs beforehand. (COMPLETE)
- d) Use only **mailx** for mail generation via scripts, as SDDC Linux team does not support any other tool.
- e) **Tableau**: Please change the Hostname to mentioned above: **edlimpalaprod.jnj.com** port : **21050**
- f) **Qlik**: If your application is using Qlik for reporting, please submit a request to them for DSN Change.

What should application support do during testing?

- a) Trigger the oozie workflows / tidal jobs or control M jobs in the PROD cluster
- b) Check access to your project databases and tables
- c) Access hue to look for any login issues and visibility to the databases
- d) Test reports in Tableau / Qlik you may have connecting to data in PROD EDL
- e) Verify your custom code on EDL is working properly.
- f) Verify and confirm successful runs of your informatica mapping if available.

What to expect after application support testing?

- a) App team to confirm project is working fine in new PROD EDL
- b) App team to decide on when to cutover to new EDL
- c) EDL support will then revoke access in old PROD EDL based on the date app team has confirmed for cutover
- d) Project to continue running in new PROD EDL cluster.

Cutover to the new PROD EDL cluster

- a) EDL support will provide TAO approval form which needs to be digitally signed and sent back to EDL support DL.
- b) EDL support will then do the cutover which will basically involve revoking project access in the old PROD cluster.