System Ports

Contents:

Trifacta® node Ports

Depending on the components enabled or integrated with your instance of the platform, the following ports must be opened on the Trifacta node.

Internal Service Ports

Component	Port
Nginx Proxy	3005
Trifacta application	3006
Java UDF Service	3008
Spark Job Service	4007
Supervisor	4421
ML-Service	5000
Data Service	41912
Java VFS Service	41917
Batch Job Runner	41920
VFS Service	41913
Conversion Service	41914
Job Metadata Service	41915
Artifact Storage Service	41916
Batch Job Runner	41920
Secure Token Service	41921
Connector Configuration Service	41925
Time-based trigger Service	43033
Scheduling Service	43143

Database Ports

Component	Port

Postgres (default)	5432 **NOTE:** By default, PostgreSQL and the platform use port 5432 for communication. If that port is not available at install/upgrade time, the next available port is used, which is typically 5433. This change may occur if a previous version of PostgreSQL is on the same server. When a non-default port number is used, the platform must be configured to use it. For more information, see *Change Database Port*.
MySQL	3306

Client Browser Ports

By default, the web client uses port 3005.

NOTE: Any client firewall software must be configured to enable access on this port.

This port can be changed. For more information, see *Change Listening Port* in the Install Guide.

Hadoop Ports

If Trifacta is integrated with a Hadoop cluster, the Trifacta node must have access to the following Hadoop components. Their default ports are listed below.

NOTE: These ports vary between installations. Please verify your environment's ports.

NOTE: In addition to the following ports, you must open any additional ports on Trifacta node for other components and services that are not listed here and are used for running jobs on the running environment cluster.

Hadoop Component	Default Port
HDFS Namenode	Cloudera/HDP: 8020
HDFS Datanode **NOTE:** The Trifacta node must be able to access this port on all HDFS datanodes of the cluster.	50020
HttpFS	14000
WebHDFS	Cloudera/HDP: 50070
YARN Resourcemanager	Cloudera: 8032 HDP: 8050
JobTracker	Cloudera/HDP: 8021
HiveServer2 (optional)	TCP connection: 10000 HTTP connection: 10001
Hive Metastore (optional)	9083

Firewall Ports for Hadoop

If the Trifacta node is on a different network from the Hadoop cluster, please verify that these additional ports are opened on the firewall.

Hadoop Component	Default Port
YARN Resourcemanager Scheduler	8030
YARN Resourcemanager Admin	8033
YARN Resourcemanager WebApp	8088
YARN Nodemanager WebApp	8042
YARN Timeline Service	8188
MapReduce JobHistory Server	10020
HDFS DataNode	50010

For additional details, please refer to the documentation provided with your Hadoop distribution.

EMR Ports

If you are integrating with an EMR cluster, please verify that the following nodes and ports are available to the Trifacta node.

EMR Component	Port
EMR master node	8088