# Environment Recommendations

1. Increase memory for TAC from 2gb to 6gb.
2. Remove IAM from all TAC until required, then install on seperate EC2 instance.
3. Remove CommandLine from all non-development environments.
4. Ensure permissions are default Talend, no 777 entries.
5. Use /etc/init.d services to stat and stop Talend software.

# 

# 

# Quartz Clustering

1. Edit quartz.properties file
2. Un-comment the configuration lines
3. Give unique name to the instanceName variable.
4. Ensure both TAC instnaces are mutually reachable, add DNS to hostname if needed.

TALEND\_HOME/tac/apache-tomcat/webapps/org.talend.administrator/WEB-INF/classes/quartz.properties

#=====================================================================

# Configure Main Scheduler Properties

#=====================================================================

org.quartz.scheduler.instanceName = DefaultQuartzScheduler

################### Quartz cluster ##################################

#Uncomment the four following lines to enable the Quartz cluster

#org.quartz.scheduler.instanceName = StagingClusteredScheduler

#org.quartz.scheduler.instanceId = AUTO

#org.quartz.jobStore.isClustered = true

#org.quartz.jobStore.clusterCheckinInterval = 20000

#####################################################################

/etc/hosts

10.7.3.199 staging-talend-tac

10.7.11.96 staging-talend-tac2

# 6.4.1 TAC Install (existing)

/data/install/Talend-Installer-20170623\_1246-V6.4.1-linux64-installer.run

<<<< EULA >>>>

Press [Enter] to continue :

Do you accept this license? [y/n]: y

----------------------------------------------------------------------

Talend Installer (v. 6.4.1)

Please specify the directory where Talend modules will be installed.

Installation Directory [/opt/Talend-6.4.1]: /data/Talend-6.4.1

Please choose one of the installation styles below:

[1] Easy Install

[2] Advanced Install

Please choose an option [1] : 2

Please choose one of the installation types below:

[1] Server - Install all Talend server components using default configuration.

[2] Client - Install Talend Studio on your machine.

[3] Custom - Choose and configure each component to be installed individually.

Please choose an option [1] : 3

License File: []: /data/install/license

Press [Enter] to continue :

----------------------------------------------------------------------

Talend Installer (v. 6.4.1)

Please specify the directory where Talend modules will be installed.

Installation Directory [/data/Talend-6.4.1]: /data/Talend-6.4.1

Please choose one of the installation styles below:

[1] Easy Install

[2] Advanced Install

Please choose an option [2] : 2

Please choose one of the installation types below:

[1] Server - Install all Talend server components using default configuration.

[2] Client - Install Talend Studio on your machine.

[3] Custom - Choose and configure each component to be installed individually.

Please choose an option [3] : 3

License File: [/data/install]: /data/install/license

----------------------------------------------------------------------

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

Talend Administration Center [Y/n] :Y

Talend Log Server [Y/n] :Y

Talend IAM Service [Y/n] :Y

Talend Data Stewardship [Y/n] :n

Talend Command Line [Y/n] :Y

Talend Runtime [Y/n] :n

Talend Job Server (Execution Server) [Y/n] :n

Talend Data Quality Portal [Y/n] :n

Talend Data Preparation [Y/n] :n

Talend SAP RFC Server [Y/n] :n

Talend Studio [Y/n] :n

Talend ESB [Y/n] :n

Talend Server Services [Y/n] :Y

Is the selection above correct? [Y/n]: Y

----------------------------------------------------------------------

Talend Administration Center Configuration

Talend Administration Center (TAC) installs on an Apache Tomcat server. Please choose one of the options below:

[1] Install an embedded tomcat8 server (recommended).

[2] Use an existing tomcat server.

Please choose an option [1] : 1

----------------------------------------------------------------------

Create TAC administrator user:

Admin User Name [security@company.com]: admin@capgemini.com

Admin Password [\*\*\*\*\*\*\*\*] :

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Enable SSO (default TAC administrator user will not be created in TAC) [y/N]: N

----------------------------------------------------------------------

Talend Administration Center Configuration

tacDB

Talend Administration Center connects to a database to store its configuration and metadata. Please choose one of the options below:

[1] Embedded H2 database (not recommended)

[2] Connect to a MySQL database

[3] Connect to an Oracle database

[4] Connect to a MS SQL Server database

[5] Connect to a PostgreSQL database

Please choose an option [1] : 2

Talend Administration Center Port (tomcat port)

[8080]: 8080

Talend's webapp (directory) name under tomcat:

[org.talend.administrator]: org.talend.administrator

Setup Email Notifications [y/N]: N

----------------------------------------------------------------------

Talend Administration Center - Database Configuration

This page enables you to configure Talend Administration Center to use an

existing MySQL database.

Database host [localhost]: staging-talend-metadata.cluster-cz4e2a1fysom.us-east-1.rds.amazonaws.com

Database port [3306]: 3306

Database Name [talend\_administrator]: stagingtalenddb

User Name [talend]: admin

Password [\*\*\*\*\*\*\*\*] :

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Talend Artifact Repository Nexus Configuration

Talend Artifact Repository Nexus Configuration

Nexus Port

[8081]: 8081

Nexus Host

[0.0.0.0]: 0.0.0.0

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Talend Log Server Configuration

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Cluster Name [talend-log-central]: talend-log-central

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Talend Identity and Access Management

Select Tomcat for IAM application

[1] : Use a dedicated tomcat for IAM

[2]

Use TAC tomcat for IAM

[3] : Use an external tomcat for IAM

Please choose an option [1] : 2

Use TAC tomcat for IAM

----------------------------------------------------------------------

TAC authentication

TAC URL: [http://staging-talend-tac:8080/org.talend.administrator]: http://10.7.3.199:8080/org.talend.administrator

TAC user: [admin@capgemini.com]: admin@capgemini.com

TAC password: [\*\*\*\*\*\*\*\*] :

----------------------------------------------------------------------

IAM internal configuration

IAM host name: [staging-talend-tac]: 10.7.3.199

----------------------------------------------------------------------

Talend Identity and Access Management

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Talend Data Stewardship

Post-logout redirection URL:

[http://staging-talend-tac:19999/]: http://10.15.12.219:19999/

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Talend Data Preparation

Post-logout redirection URL:

[http://staging-talend-tac:9999/]: http://10.7.3.199:9999/

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Talend CommandLine Configuration

This page allows you to select a port to be used by Talend CommandLine

interface. This port is used to communicate with Talend Administration Center.

CommandLine port [8002]: 8002

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Services Installation

This page allows you to setup Talend components as system services. By

installing a component as a service the application would start automatically at

system startup.

It's recommended that you check all the boxes below.

Install Talend Administration Center as a service [Y/n]: Y

Install Talend Log Server as a service [Y/n]: Y

Install Talend Command Line as a service [Y/n]: Y

Install Talend IAM server as a service [Y/n]: Y

----------------------------------------------------------------------

Setup is now ready to begin installing Talend on your computer.

Do you want to continue? [Y/n]: Y

----------------------------------------------------------------------

Please wait while Setup installs Talend modules on your computer.

Installing

0% \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 50% \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 100%

#########################################

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Setup has finished installing Talend on your computer.