**WORKSHOP 1 .- MONITOREO TWITTER**

**INSTALAR JAVA**

OPCION 1 .- utilizando apt-get

*$ sudo add-apt-repository ppa:webupd8team/java  
$ sudo apt-get update  
$ sudo apt-get install oracle-java8-installer*

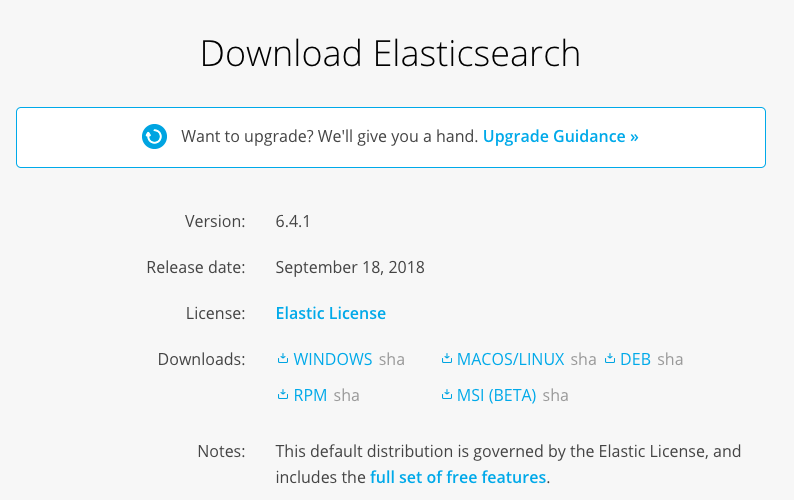
OPCION 2 - Descarga de la pagina principal (www.java.com) el archivo jre-8u171-linux-x64.tar.gz para linux:

*$ sudo mkdir /usr/java  
$ sudo cp $HOME\_ARCHIVO\_GZ/jre-8u171-linux-x64.tar.gz /usr/java  
$ sudo /usr/java/tar xvfz jre-8u171-linux-x64.tar.gz  
$ sudo mv /usr/java/jre1.8.0\_171 /usr/java/jre  
$ sudo update-alternatives --install /usr/bin/java java /usr/java/jre/bin/java 100  
update-alternatives: using /usr/java/jre/bin/java to provide /usr/bin/java (java) in auto mode  
$ java -version  
java version "1.8.0\_171"  
Java(TM) SE Runtime Environment (build 1.8.0\_171-b11)  
Java HotSpot(TM) 64-Bit Server VM (build 25.171-b11, mixed mode)*

**INSTALAR STACK ELASTIC**

**ELASTICSEARCH:**

<https://www.elastic.co/downloads/elasticsearch>



En este ejemplo, para MAC y LINUX existe un archivo con extension gz, para descomprimirlo:

*$ pwd*

*/Users/sopgestion/elastic/6.4*

*$ ls*

*elasticsearch-6.4.1.tar.gz kibana-6.4.1-darwin-x86\_64.tar.gz logstash-6.4.1.tar.gz*

*$*

*$ tar xvfz elasticsearch-6.4.1.tar.gz*

*x elasticsearch-6.4.1/*

*x elasticsearch-6.4.1/lib/*

*x elasticsearch-6.4.1/lib/elasticsearch-6.4.1.jar*

*x elasticsearch-6.4.1/lib/elasticsearch-x-content-6.4.1.jar*

*x elasticsearch-6.4.1/lib/elasticsearch-cli-6.4.1.jar*

*x elasticsearch-6.4.1/lib/elasticsearch-core-6.4.1.jar*

*x elasticsearch-6.4.1/lib/elasticsearch-secure-sm-6.4.1.jar*

*x elasticsearch-6.4.1/lib/lucene-core-7.4.0.jar*

*.*

*.*

*.*

*.*

*x elasticsearch-6.4.1/modules/x-pack-monitoring/NOTICE.txt*

*x elasticsearch-6.4.1/modules/x-pack-monitoring/elasticsearch-rest-client-sniffer-6.4.1.jar*

*x elasticsearch-6.4.1/modules/x-pack-monitoring/x-pack-monitoring-6.4.1.jar*

*x elasticsearch-6.4.1/plugins/*

*x elasticsearch-6.4.1/logs/*

*$*

Una vez descomprimido el archive gz, procedemos a iniciar ElasticSearch:

*$ ls*

*elasticsearch-6.4.1 kibana-6.4.1-darwin-x86\_64.tar.gz*

*elasticsearch-6.4.1.tar.gz logstash-6.4.1.tar.gz*

*$*

*$*

*$*

*$ cd elasticsearch-6.4.1*

*$ ls*

*LICENSE.txt NOTICE.txt README.textile bin config lib logs modules plugins*

*$*

*$*

*$*

*$ bin/elasticsearch*

*[2018-09-28T08:11:56,686][INFO ][o.e.n.Node ] [] initializing ...*

*[2018-09-28T08:11:56,812][INFO ][o.e.e.NodeEnvironment ] [\_Atq\_w9] using [1] data paths, mounts [[/ (/dev/disk1s1)]], net usable\_space [76.2gb], net total\_space [233.5gb], types [apfs]*

*[2018-09-28T08:11:56,812][INFO ][o.e.e.NodeEnvironment ] [\_Atq\_w9] heap size [990.7mb], compressed ordinary object pointers [true]*

*[2018-09-28T08:11:56,815][INFO ][o.e.n.Node ] [\_Atq\_w9] node name derived from node ID [\_Atq\_w9vS6yx6S5f47pHFw]; set [node.name] to override*

*[2018-09-28T08:11:56,816][INFO ][o.e.n.Node ] [\_Atq\_w9] version[6.4.1], pid[9910], build[default/tar/e36acdb/2018-09-13T22:18:07.696808Z], OS[Mac OS X/10.13.6/x86\_64], JVM[Oracle Corporation/Java HotSpot(TM) 64-Bit Server VM/1.8.0\_131/25.131-b11]*

*[2018-09-28T08:11:56,816][INFO ][o.e.n.Node ] [\_Atq\_w9] JVM arguments [-Xms1g, -Xmx1g, -XX:+UseConcMarkSweepGC, -XX:CMSInitiatingOccupancyFraction=75, -XX:+UseCMSInitiatingOccupancyOnly, -XX:+AlwaysPreTouch, -Xss1m, -Djava.awt.headless=true, -Dfile.encoding=UTF-8, -Djna.nosys=true, -XX:-OmitStackTraceInFastThrow, -Dio.netty.noUnsafe=true, -Dio.netty.noKeySetOptimization=true, -Dio.netty.recycler.maxCapacityPerThread=0, -Dlog4j.shutdownHookEnabled=false, -Dlog4j2.disable.jmx=true, -Djava.io.tmpdir=/var/folders/qv/zg2k0zyd6mzb2x421ktvrzlh0000gn/T/elasticsearch.6gWqwWvp, -XX:+HeapDumpOnOutOfMemoryError, -XX:HeapDumpPath=data, -XX:ErrorFile=logs/hs\_err\_pid%p.log, -XX:+PrintGCDetails, -XX:+PrintGCDateStamps, -XX:+PrintTenuringDistribution, -XX:+PrintGCApplicationStoppedTime, -Xloggc:logs/gc.log, -XX:+UseGCLogFileRotation, -XX:NumberOfGCLogFiles=32, -XX:GCLogFileSize=64m, -Des.path.home=/Users/sopgestion/elastic/6.4/elasticsearch-6.4.1, -Des.path.conf=/Users/sopgestion/elastic/6.4/elasticsearch-6.4.1/config, -Des.distribution.flavor=default, -Des.distribution.type=tar]*

*[2018-09-28T08:12:00,687][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [aggs-matrix-stats]*

*[2018-09-28T08:12:00,688][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [analysis-common]*

*[2018-09-28T08:12:00,689][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [ingest-common]*

*[2018-09-28T08:12:00,690][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [lang-expression]*

*[2018-09-28T08:12:00,690][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [lang-mustache]*

*[2018-09-28T08:12:00,690][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [lang-painless]*

*[2018-09-28T08:12:00,691][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [mapper-extras]*

*[2018-09-28T08:12:00,691][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [parent-join]*

*[2018-09-28T08:12:00,692][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [percolator]*

*[2018-09-28T08:12:00,692][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [rank-eval]*

*[2018-09-28T08:12:00,692][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [reindex]*

*[2018-09-28T08:12:00,692][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [repository-url]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [transport-netty4]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [tribe]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-core]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-deprecation]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-graph]*

*[2018-09-28T08:12:00,693][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-logstash]*

*[2018-09-28T08:12:00,694][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-ml]*

*[2018-09-28T08:12:00,694][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-monitoring]*

*[2018-09-28T08:12:00,694][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-rollup]*

*[2018-09-28T08:12:00,694][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-security]*

*[2018-09-28T08:12:00,694][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-sql]*

*[2018-09-28T08:12:00,695][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-upgrade]*

*[2018-09-28T08:12:00,695][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] loaded module [x-pack-watcher]*

*[2018-09-28T08:12:00,695][INFO ][o.e.p.PluginsService ] [\_Atq\_w9] no plugins loaded*

*[2018-09-28T08:12:06,384][INFO ][o.e.x.s.a.s.FileRolesStore] [\_Atq\_w9] parsed [0] roles from file [/Users/sopgestion/elastic/6.4/elasticsearch-6.4.1/config/roles.yml]*

*[2018-09-28T08:12:07,425][INFO ][o.e.x.m.j.p.l.CppLogMessageHandler] [controller/9932] [Main.cc@109] controller (64 bit): Version 6.4.1 (Build 1df3104bc26648) Copyright (c) 2018 Elasticsearch BV*

*[2018-09-28T08:12:08,068][DEBUG][o.e.a.ActionModule ] Using REST wrapper from plugin org.elasticsearch.xpack.security.Security*

*[2018-09-28T08:12:08,380][INFO ][o.e.d.DiscoveryModule ] [\_Atq\_w9] using discovery type [zen]*

*[2018-09-28T08:12:09,894][INFO ][o.e.n.Node ] [\_Atq\_w9] initialized*

*[2018-09-28T08:12:09,895][INFO ][o.e.n.Node ] [\_Atq\_w9] starting ...*

*[2018-09-28T08:12:10,163][INFO ][o.e.t.TransportService ] [\_Atq\_w9] publish\_address {127.0.0.1:9300}, bound\_addresses {[::1]:9300}, {127.0.0.1:9300}, {127.94.0.1:9300}*

*[2018-09-28T08:12:13,245][INFO ][o.e.c.s.MasterService ] [\_Atq\_w9] zen-disco-elected-as-master ([0] nodes joined)[, ], reason: new\_master {\_Atq\_w9}{\_Atq\_w9vS6yx6S5f47pHFw}{Kbo1uQaqROqFvnSZaEaK5Q}{127.0.0.1}{127.0.0.1:9300}{ml.machine\_memory=4294967296, xpack.installed=true, ml.max\_open\_jobs=20, ml.enabled=true}*

*[2018-09-28T08:12:13,252][INFO ][o.e.c.s.ClusterApplierService] [\_Atq\_w9] new\_master {\_Atq\_w9}{\_Atq\_w9vS6yx6S5f47pHFw}{Kbo1uQaqROqFvnSZaEaK5Q}{127.0.0.1}{127.0.0.1:9300}{ml.machine\_memory=4294967296, xpack.installed=true, ml.max\_open\_jobs=20, ml.enabled=true}, reason: apply cluster state (from master [master {\_Atq\_w9}{\_Atq\_w9vS6yx6S5f47pHFw}{Kbo1uQaqROqFvnSZaEaK5Q}{127.0.0.1}{127.0.0.1:9300}{ml.machine\_memory=4294967296, xpack.installed=true, ml.max\_open\_jobs=20, ml.enabled=true} committed version [1] source [zen-disco-elected-as-master ([0] nodes joined)[, ]]])*

*[2018-09-28T08:12:13,295][INFO ][o.e.x.s.t.n.SecurityNetty4HttpServerTransport] [\_Atq\_w9] publish\_address {127.0.0.1:9200}, bound\_addresses {[::1]:9200}, {127.0.0.1:9200}, {127.94.0.1:9200}*

*[2018-09-28T08:12:13,296][INFO ][o.e.n.Node ] [\_Atq\_w9] started*

*[2018-09-28T08:12:13,316][WARN ][o.e.x.s.a.s.m.NativeRoleMappingStore] [\_Atq\_w9] Failed to clear cache for realms [[]]*

*[2018-09-28T08:12:13,513][INFO ][o.e.g.GatewayService ] [\_Atq\_w9] recovered [0] indices into cluster\_state*

*[2018-09-28T08:12:13,786][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.triggered\_watches] for index patterns [.triggered\_watches\*]*

*[2018-09-28T08:12:13,828][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.watches] for index patterns [.watches\*]*

*[2018-09-28T08:12:13,909][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.watch-history-9] for index patterns [.watcher-history-9\*]*

*[2018-09-28T08:12:13,952][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.monitoring-logstash] for index patterns [.monitoring-logstash-6-\*]*

*[2018-09-28T08:12:14,014][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.monitoring-es] for index patterns [.monitoring-es-6-\*]*

*[2018-09-28T08:12:14,055][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.monitoring-beats] for index patterns [.monitoring-beats-6-\*]*

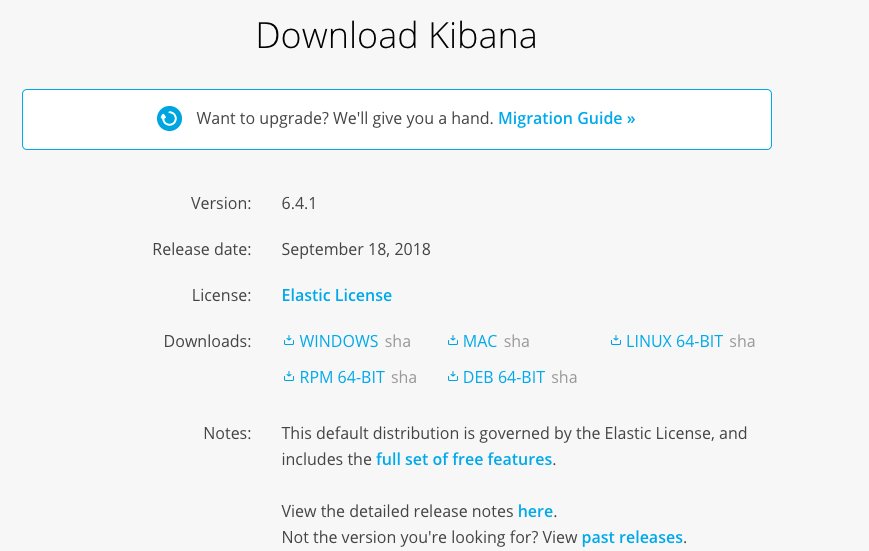
*[2018-09-28T08:12:14,090][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.monitoring-alerts] for index patterns [.monitoring-alerts-6]*

*[2018-09-28T08:12:14,126][INFO ][o.e.c.m.MetaDataIndexTemplateService] [\_Atq\_w9] adding template [.monitoring-kibana] for index patterns [.monitoring-kibana-6-\*]*

*[2018-09-28T08:12:14,322][INFO ][o.e.l.LicenseService ] [\_Atq\_w9] license [3449cab8-b3ce-471e-950b-0b8243b429c6] mode [basic] - valid*

**KIBANA**

<https://www.elastic.co/downloads/kibana>



Para este ejemplo, estoy descargando kibana para MAC, pero se puede observer que hay un instalador para linux, windows, e incluso paquetes debian.

*$ tar xvfz kibana-6.4.1-darwin-x86\_64.tar.gzx*

*x kibana-6.4.1-darwin-x86\_64/*

*x kibana-6.4.1-darwin-x86\_64/LICENSE.txt*

*x kibana-6.4.1-darwin-x86\_64/README.txt*

*x kibana-6.4.1-darwin-x86\_64/bin/*

*x kibana-6.4.1-darwin-x86\_64/bin/kibana-keystore*

*x kibana-6.4.1-darwin-x86\_64/bin/kibana-plugin*

*x kibana-6.4.1-darwin-x86\_64/bin/kibana*

*x kibana-6.4.1-darwin-x86\_64/package.json*

*x kibana-6.4.1-darwin-x86\_64/config/*

*x kibana-6.4.1-darwin-x86\_64/config/kibana.yml*

*x kibana-6.4.1-darwin-x86\_64/node/*

*x kibana-6.4.1-darwin-x86\_64/node/CHANGELOG.md*

*.*

*.*

*.*

*.*

*x kibana-6.4.1-darwin-x86\_64/optimize/bundles/logout.style.css*

*x kibana-6.4.1-darwin-x86\_64/optimize/bundles/status\_page.entry.js*

*x kibana-6.4.1-darwin-x86\_64/optimize/bundles/stateSessionStorageRedirect.style.css*

*x kibana-6.4.1-darwin-x86\_64/optimize/bundles/commons.style.css*

*x kibana-6.4.1-darwin-x86\_64/optimize/bundles/login.style.css*

*x kibana-6.4.1-darwin-x86\_64/optimize/.babelcache.json*

*x kibana-6.4.1-darwin-x86\_64/yarn.lock*

*$*

Arrancamos Kibana:

sopgestions-MacBook-Air:6.4 sopgestion$ ls

elasticsearch-6.4.1 kibana-6.4.1-darwin-x86\_64 logstash-6.4.1.tar.gz

elasticsearch-6.4.1.tar.gz kibana-6.4.1-darwin-x86\_64.tar.gz

$

$

$ cd kibana-6.4.1-darwin-x86\_64

$ bin/kibana

log [13:50:28.708] [info][status][plugin:kibana@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:28.764] [info][status][plugin:elasticsearch@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.769] [info][status][plugin:xpack\_main@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.776] [info][status][plugin:searchprofiler@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.783] [info][status][plugin:ml@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.849] [info][status][plugin:tilemap@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.851] [info][status][plugin:watcher@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:28.872] [info][status][plugin:license\_management@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:28.875] [info][status][plugin:index\_management@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:29.124] [info][status][plugin:timelion@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.127] [info][status][plugin:graph@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:29.138] [info][status][plugin:monitoring@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.141] [warning][security] Generating a random key for xpack.security.encryptionKey. To prevent sessions from being invalidated on restart, please set xpack.security.encryptionKey in kibana.yml

log [13:50:29.145] [warning][security] Session cookies will be transmitted over insecure connections. This is not recommended.

log [13:50:29.155] [info][status][plugin:security@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:29.186] [info][status][plugin:grokdebugger@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:29.193] [info][status][plugin:dashboard\_mode@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.197] [info][status][plugin:logstash@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:29.230] [info][status][plugin:apm@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.240] [info][status][plugin:console@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.246] [info][status][plugin:console\_extensions@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.251] [info][status][plugin:notifications@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:29.257] [info][status][plugin:metrics@6.4.1] Status changed from uninitialized to green - Ready

log [13:50:30.680] [warning][reporting] Generating a random key for xpack.reporting.encryptionKey. To prevent pending reports from failing on restart, please set xpack.reporting.encryptionKey in kibana.yml

log [13:50:30.683] [info][status][plugin:reporting@6.4.1] Status changed from uninitialized to yellow - Waiting for Elasticsearch

log [13:50:31.595] [info][status][plugin:elasticsearch@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.030] [info][license][xpack] Imported license information from Elasticsearch for the [data] cluster: mode: basic | status: active

log [13:50:32.043] [info][status][plugin:xpack\_main@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.045] [info][status][plugin:searchprofiler@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.046] [info][status][plugin:ml@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.046] [info][status][plugin:tilemap@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.047] [info][status][plugin:watcher@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.048] [info][status][plugin:index\_management@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.049] [info][status][plugin:graph@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.058] [info][status][plugin:grokdebugger@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.059] [info][status][plugin:logstash@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.060] [info][status][plugin:reporting@6.4.1] Status changed from yellow to green - Ready

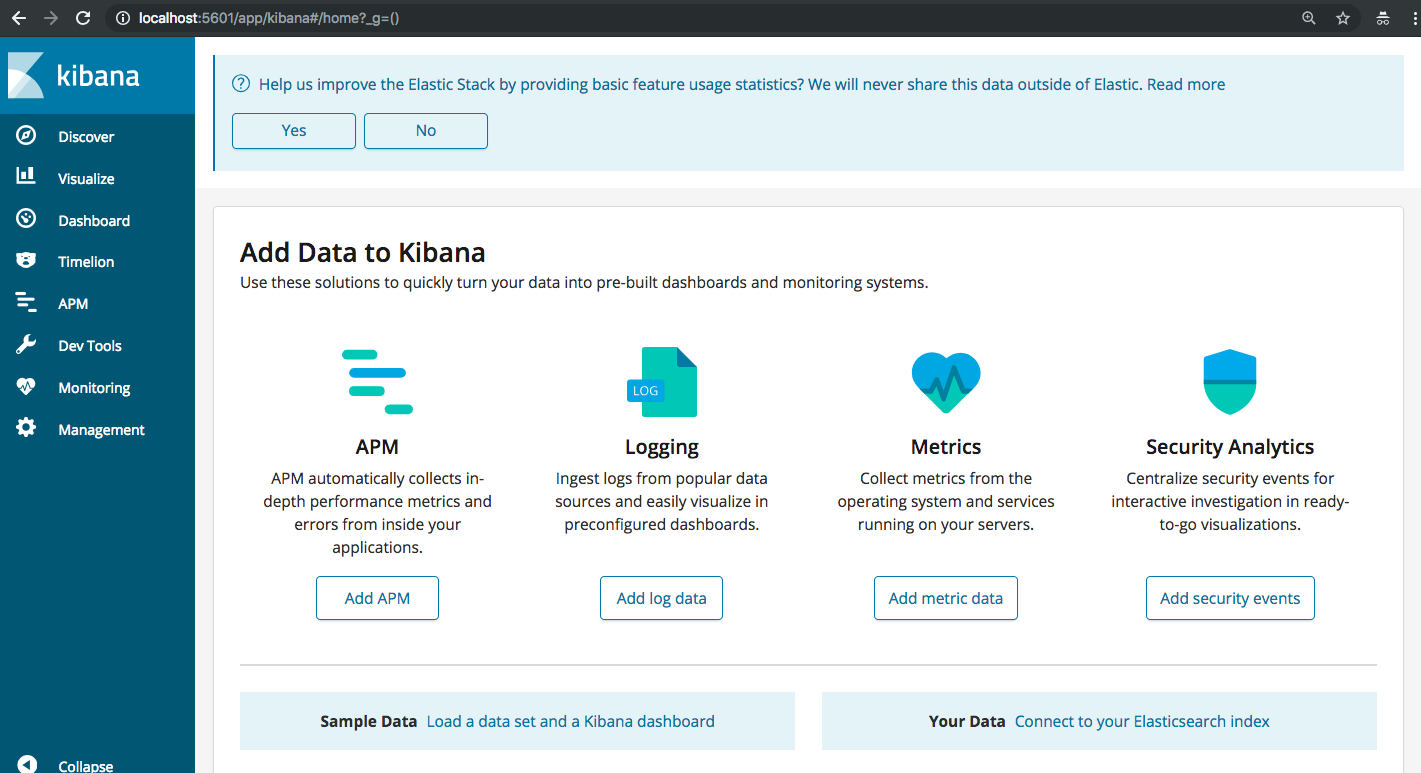
log [13:50:32.061] [info][kibana-monitoring][monitoring-ui] Starting monitoring stats collection

log [13:50:32.068] [info][status][plugin:security@6.4.1] Status changed from yellow to green - Ready

log [13:50:32.781] [info][license][xpack] Imported license information from Elasticsearch for the [monitoring] cluster: mode: basic | status: active

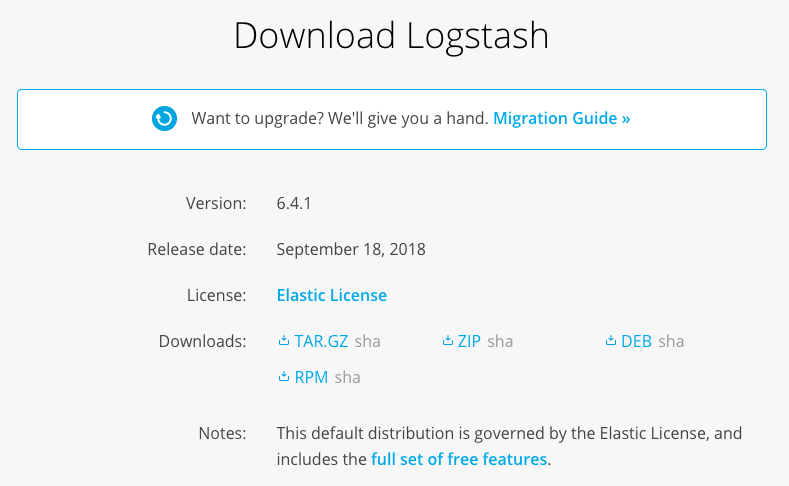
log [13:50:33.523] [info][listening][server][http] Server running at http://localhost:5601

Validamos que se encuentre arriba: accesamos a <http://localhost:5601>



**LOGSTASH:**

<https://www.elastic.co/downloads/logstash>



*$ pwd*

*/Users/sopgestion/elastic/6.4*

*$ tar xvfz logstash-6.4.1.tar.gz*

*$ tar xvfz logstash-6.4.1.tar.gz*

*x logstash-6.4.1/NOTICE.TXT*

*x logstash-6.4.1/CONTRIBUTORS*

*x logstash-6.4.1/bin/benchmark.sh*

*x logstash-6.4.1/bin/cpdump*

*x logstash-6.4.1/bin/dependencies-report*

*x logstash-6.4.1/bin/ingest-convert.sh*

*x logstash-6.4.1/bin/logstash*

*.*

*.*

*.*

*.*

*.*

*x logstash-6.4.1/x-pack/src/test*

*x logstash-6.4.1/x-pack/src/test/java*

*x logstash-6.4.1/x-pack/src/test/java/org*

*x logstash-6.4.1/x-pack/src/test/java/org/logstash*

*x logstash-6.4.1/x-pack/src/test/java/org/logstash/xpack*

*x logstash-6.4.1/x-pack/src/test/java/org/logstash/xpack/test*

*x logstash-6.4.1/x-pack/src/test/java/org/logstash/xpack/test/RSpecIntegrationTests.java*

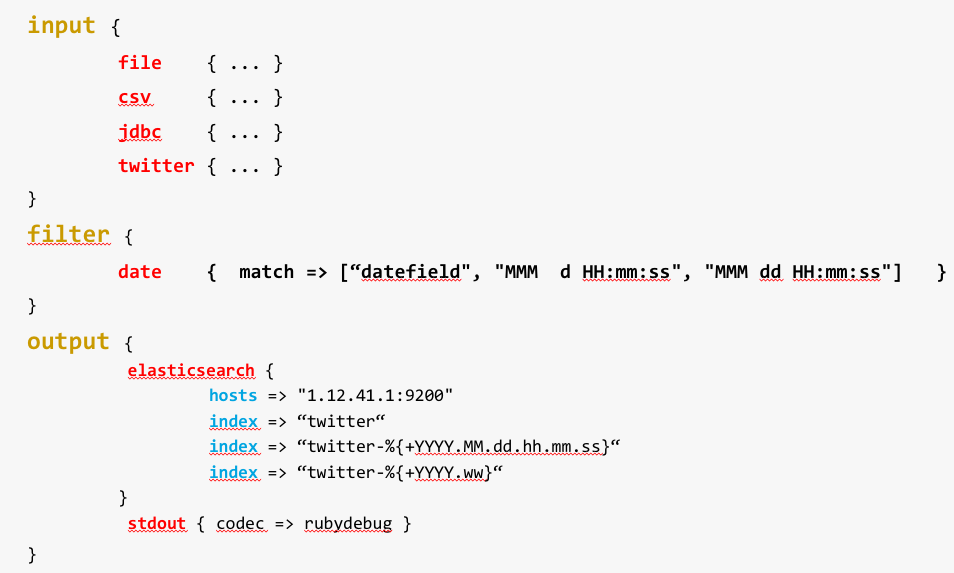
*x logstash-6.4.1/x-pack/src/test/java/org/logstash/xpack/test/RSpecTests.java*

*x logstash-6.4.1/LICENSE.txt*

*x logstash-6.4.1/logstash-core/lib/logstash/build.rb*

*$*

Para arrancarlo primero tenemos que definir un archive de configuracion, vamos a armar uno para utilizer la API de twitter:

**

Creamos un archivo que se llame twitter.conf y agregamos las siguientes lineas:

input {

twitter {

consumer\_key => "CopiarConsumerKey"

consumer\_secret => "CopiarConsumerSecret"

oauth\_token => "CopiarAccessToken"

oauth\_token\_secret => "CopiarAccessTokenSecret"

#follows => ["10946302", " 84512601", "149344048" ]

keywords => [ "3erTechDay", "ask\_elastic", "elastic", "meetup" ]

full\_tweet => true

}

}

filter {

}

output {

stdout { codec => rubydebug }

#elasticsearch {

#hosts => "172.16.44.18:9200"

#index => "twitter-%{+YYYY.MM.dd}"

#index => "twitter-%{+YYYY.ww}"

#index => "twitter-%{+YYYY.MM.dd.hh}"

#index => "twitter-%{+YYYY.MM.dd.hh.mm}"

#index => "twitter-%{+YYYY.MM.dd.hh.mm.ss}"

# }

}

Para inicializarlo:

*$ bin/logstash -f ./twitter.conf*

*Sending Logstash logs to /Users/sopgestion/elastic/6.4/logstash-6.4.1/logs which is now configured via log4j2.properties*

*[2018-09-28T09:56:10,725][WARN ][logstash.config.source.multilocal] Ignoring the 'pipelines.yml' file because modules or command line options are specified*

*[2018-09-28T09:56:12,367][INFO ][logstash.runner ] Starting Logstash {"logstash.version"=>"6.4.1"}*

*[2018-09-28T09:56:19,198][INFO ][logstash.pipeline ] Starting pipeline {:pipeline\_id=>"main", "pipeline.workers"=>4, "pipeline.batch.size"=>125, "pipeline.batch.delay"=>50}*

*[2018-09-28T09:56:19,831][INFO ][logstash.pipeline ] Pipeline started successfully {:pipeline\_id=>"main", :thread=>"#<Thread:0x5d1d330c run>"}*

*[2018-09-28T09:56:19,882][INFO ][logstash.inputs.twitter ] Starting twitter tracking {:track=>"3erTechDay,ask\_elastic,elastic,meetup"}*

*[2018-09-28T09:56:19,956][INFO ][logstash.agent ] Pipelines running {:count=>1, :running\_pipelines=>[:main], :non\_running\_pipelines=>[]}*

*[2018-09-28T09:56:20,885][INFO ][logstash.agent ] Successfully started Logstash API endpoint {:port=>9600}*

*En cuanto algun twitt corresponde con los parametros de filtrado podemos verlo en un format json como a continuacion:*

*{*

*"text" => "RT @JaredSawyerJr: From now on, Try to schedule your month with these:\n-1 Lunch date w/ a friend\n-24 hrs no Social Media\n-1 Day Outdoors\n-1…",*

*"place" => nil,*

*"in\_reply\_to\_status\_id\_str" => nil,*

*"id\_str" => "1045688700527468544",*

*"favorited" => false,*

*"id" => 1045688700527468544,*

*"in\_reply\_to\_user\_id" => nil,*

*"retweeted" => false,*

*"user" => {*

*"profile\_link\_color" => "DD2E44",*

*"id\_str" => "2228028259",*

*"id" => 2228028259,*

*"screen\_name" => "suhailasue\_",*

*"favourites\_count" => 25559,*

*"profile\_sidebar\_border\_color" => "000000",*

*"default\_profile\_image" => false,*

*"following" => nil,*

*"time\_zone" => nil,*

*"followers\_count" => 446,*

*"utc\_offset" => nil,*

*"profile\_text\_color" => "333333",*

*"default\_profile" => false,*

*"contributors\_enabled" => false,*

*"name" => "sue #TUR18",*

*"created\_at" => "Tue Dec 03 09:33:46 +0000 2013",*

*"protected" => false,*

*"profile\_background\_image\_url\_https" => "https://abs.twimg.com/images/themes/theme1/bg.png",*

*"profile\_image\_url" => "http://pbs.twimg.com/profile\_images/983522453170274304/vBoO1Bz6\_normal.jpg",*

*"profile\_banner\_url" => "https://pbs.twimg.com/profile\_banners/2228028259/1492652710",*

*"translator\_type" => "none",*

*"profile\_use\_background\_image" => true,*

*"description" => "Twenty two. IIUM. Najmi ✨",*

*"statuses\_count" => 20952,*

*"profile\_background\_image\_url" => "http://abs.twimg.com/images/themes/theme1/bg.png",*

*"follow\_request\_sent" => nil,*

*"notifications" => nil,*

*"location" => "kota bharu, kelantan",*

*"friends\_count" => 396,*

*"profile\_sidebar\_fill\_color" => "DDEEF6",*

*"url" => nil,*

*"profile\_background\_color" => "F5ABB5",*

*"verified" => false,*

*"geo\_enabled" => true,*

*"profile\_background\_tile" => true,*

*"profile\_image\_url\_https" => "https://pbs.twimg.com/profile\_images/983522453170274304/vBoO1Bz6\_normal.jpg",*

*"is\_translator" => false,*

*"lang" => "en",*

*"listed\_count" => 1*

*},*

*"favorite\_count" => 0,*

*"entities" => {*

*"user\_mentions" => [*

*[0] {*

*"screen\_name" => "JaredSawyerJr",*

*"indices" => [*

*[0] 3,*

*[1] 17*

*],*

*"id\_str" => "373432520",*

*"name" => "Jared Sawyer Jr.",*

*"id" => 373432520*

*}*

*],*

*"hashtags" => [],*

*"symbols" => [],*

*"urls" => []*

*},*

*"timestamp\_ms" => "1538146588819",*

*"contributors" => nil,*

*"created\_at" => "Fri Sep 28 14:56:28 +0000 2018",*

*"source" => "<a href=\"http://twitter.com/download/android\" rel=\"nofollow\">Twitter for Android</a>",*

*"geo" => nil,*

*"quote\_count" => 0,*

*"in\_reply\_to\_status\_id" => nil,*

*"in\_reply\_to\_user\_id\_str" => nil,*

*"coordinates" => nil,*

*"@version" => "1",*

*"in\_reply\_to\_screen\_name" => nil,*

*"filter\_level" => "low",*

*"retweet\_count" => 0,*

*"is\_quote\_status" => false,*

*"retweeted\_status" => {*

*"text" => "From now on, Try to schedule your month with these:\n-1 Lunch date w/ a friend\n-24 hrs no Social Media\n-1 Day Outdoo… https://t.co/txK8c1L9Eb",*

*"place" => nil,*

*"in\_reply\_to\_status\_id\_str" => nil,*

*"id\_str" => "1042518705324929025",*

*"favorited" => false,*

*"id" => 1042518705324929025,*

*"in\_reply\_to\_user\_id" => nil,*

*"extended\_tweet" => {*

*"display\_text\_range" => [*

*[0] 0,*

*[1] 277*

*],*

*"entities" => {*

*"user\_mentions" => [],*

*"hashtags" => [],*

*"symbols" => [],*

*"urls" => []*

*},*

*"full\_text" => "From now on, Try to schedule your month with these:\n-1 Lunch date w/ a friend\n-24 hrs no Social Media\n-1 Day Outdoors\n-1 Night Out w/ friends\n-1 Date Night (even w/ just yourself)\n-1 Breakfast Meetup w/ Friends\n-1 Movie NIght\n-1 Day Serving Others\n-1 Day completely to yourself"*

*},*

*"retweeted" => false,*

*"user" => {*

*"profile\_link\_color" => "0084B4",*

*"id\_str" => "373432520",*

*"id" => 373432520,*

*"screen\_name" => "JaredSawyerJr",*

*"favourites\_count" => 5711,*

*"profile\_sidebar\_border\_color" => "000000",*

*"default\_profile\_image" => false,*

*"following" => nil,*

*"time\_zone" => nil,*

*"followers\_count" => 56640,*

*"utc\_offset" => nil,*

*"profile\_text\_color" => "333333",*

*"default\_profile" => false,*

*"contributors\_enabled" => false,*

*"name" => "Jared Sawyer Jr.",*

*"created\_at" => "Wed Sep 14 15:31:36 +0000 2011",*

*"protected" => false,*

*"profile\_background\_image\_url\_https" => "https://abs.twimg.com/images/themes/theme1/bg.png",*

*"profile\_image\_url" => "http://pbs.twimg.com/profile\_images/998512442966663169/5k\_fyWyp\_normal.jpg",*

*"profile\_banner\_url" => "https://pbs.twimg.com/profile\_banners/373432520/1526896481",*

*"translator\_type" => "none",*

*"profile\_use\_background\_image" => true,*

*"description" => "🙏🏾 20 year old Preacher 🎬 Actor 📍 Atlanta 📚 #1 Bestselling Author of 4 books 📺 Host of New TV Show “Empower Today” debuting fall 2018",*

*"statuses\_count" => 15706,*

*"profile\_background\_image\_url" => "http://abs.twimg.com/images/themes/theme1/bg.png",*

*"follow\_request\_sent" => nil,*

*"notifications" => nil,*

*"location" => nil,*

*"friends\_count" => 43060,*

*"profile\_sidebar\_fill\_color" => "DDEEF6",*

*"url" => "http://www.jaredsawyerjr.com",*

*"profile\_background\_color" => "C0DEED",*

*"verified" => true,*

*"geo\_enabled" => false,*

*"profile\_background\_tile" => true,*

*"profile\_image\_url\_https" => "https://pbs.twimg.com/profile\_images/998512442966663169/5k\_fyWyp\_normal.jpg",*

*"is\_translator" => false,*

*"lang" => "en",*

*"listed\_count" => 230*

*},*

*"favorite\_count" => 41716,*

*"entities" => {*

*"user\_mentions" => [],*

*"hashtags" => [],*

*"symbols" => [],*

*"urls" => [*

*[0] {*

*"indices" => [*

*[0] 117,*

*[1] 140*

*],*

*"display\_url" => "twitter.com/i/web/status/1…",*

*"url" => "https://t.co/txK8c1L9Eb",*

*"expanded\_url" => "https://twitter.com/i/web/status/1042518705324929025"*

*}*

*]*

*},*

*"contributors" => nil,*

*"created\_at" => "Wed Sep 19 21:00:03 +0000 2018",*

*"source" => "<a href=\"http://www.crowdfireapp.com\" rel=\"nofollow\">Crowdfire - Go Big</a>",*

*"geo" => nil,*

*"quote\_count" => 1430,*

*"in\_reply\_to\_status\_id" => nil,*

*"in\_reply\_to\_user\_id\_str" => nil,*

*"coordinates" => nil,*

*"in\_reply\_to\_screen\_name" => nil,*

*"filter\_level" => "low",*

*"retweet\_count" => 19903,*

*"is\_quote\_status" => false,*

*"reply\_count" => 130,*

*"truncated" => true,*

*"lang" => "en"*

*},*

*"reply\_count" => 0,*

*"@timestamp" => 2018-09-28T14:56:28.000Z,*

*"truncated" => false,*

*"lang" => "en"*

*}*