# Deployment of Kafka

## Release artefacts

* Kafka\_2\_11 Binary
* Configurations for a host in the selected cluster

## Release steps

1. Install JDK 1.8 if required
2. Install Kafka using **install-kafka.sh**
3. Verify the installation

## Rollback steps

1. Stop Kafka service(s): <TARGET DIR>/bin/kafka-server-stop.sh
2. Remove install dir

## Prerequisites

* SSH terminal client
* Access to Artifactory (<http://uklvadapp004:8081/artifactory>)
* Kafka binary for the VERSION is baselined in artifactory (Dev Team)
* Configuration packages for all the nodes (PREFIX) in the CLUSTER baselined in artifactory (Dev Team)
* Perform any required data back if re-installalling (Kafka data directory)
* Java Version: **1.8**

## Release dependencies

* None

## PSS Team

### Deploy Kafka Package

#### <<This command needs to be performed for each node in the CLUSTER>>

#### Open a command line session to the target Kafka host

1. Log on to Target server

**ssh <HOSTNAME>**

1. Create directory /apps/kafka if it doesn’t already exist

**mkdir /apps/kafka**

1. Change directory

**cd /apps/kafka**

1. Update scripts

**curl 'http://uklvadapp004:8081/artifactory/libs-release-local/com/scb/channels/rp/env/install/kafka/install-kafka.sh' > install-kafka.sh**

chmod +x \*.sh

1. Run installation with options,
   1. Decide the **TARGET ENV** before proceeding sit/mega/jumbo
   2. Decide the TARGET DIR before proceeding
   3. Decide the VERSIONkbefore proceeding
2. **./install-kafka.sh --version=<VERSION> --cluster=<TARGET ENV>** --prefix=<TARGET DIR>
3. Make sure that Kafka process started successfully

## Perform post verification steps

**<<To be updated>>**

## Only if required - Rollback Kafka Package – PSS Team

1. Stop Kafka service(s): <TARGET DIR>/bin/kafka-server-stop.sh
2. Remove install dir