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| **Terminal** | **Commande** |
| T1  T2 | zkServer  C:\kafka\bin\windows\kafka-server-start.bat C:\kafka\config\server.properties |

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| **~~Terminal~~** | **~~Commande (DELETE TOPIC)~~** |
| ~~T3~~ | ~~kafka-topics --zookeeper localhost:2181 --topic second\_topic --create --partitions 6 --replication-factor 1~~  ~~kafka-topics --zookeeper localhost:2181 --topic second\_topic –delete~~ |

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| **Terminal** | **Commande (CREATE TOPIC – Salon)** |
| T3 | kafka-topics --zookeeper localhost:2181 --topic first\_topic --create --partitions 3 --replication-factor 1  kafka-topics --zookeeper localhost:2181 –list  kafka-topics --zookeeper localhost:2181 --topic first\_topic –describe |

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| **Terminal** | **Commande (CREATE PRODUCER - Ecrire)** |
| T3 | kafka-console-producer --broker-list localhost:9092 --topic first\_topic  kafka-console-producer --broker-list localhost:9092 --topic first\_topic --producer-property=all |

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| **Terminal** | **Commande (CREATE CONSUMER - Lire)** |
| T3 | kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic  kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic --from-beginning |

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| **Terminal** | **Commande (CREATE TOPIC GROUP – Envoyer des messages sur 3 groupes différents)** |
| T3  T4 | kafka-console-producer --broker-list localhost:9092 --topic first\_topic  kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic --group my-first-application |
| T3  T4  T5  T6 | kafka-console-producer --broker-list localhost:9092 --topic first\_topic  kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic --group my-second-application  kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic --group my-second-application  kafka-console-consumer --bootstrap-server localhost:9092 --topic first\_topic --group my-second-application |

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| **Terminal** | **Commande (GROUP Description – Nombre de message par partition)** |
| T3  T3 | kafka-consumer-groups --bootstrap-server localhost:9092 --list  kafka-consumer-groups --bootstrap-server localhost:9092 --describe --group my-second-application  **UPDATE GROUP (LAG) 🡪 JUST READ THE CONSUMER GROUP** |

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| **Terminal** | **Commande (GROUP Reset Offset)** |
| T3 | kafka-consumer-groups --bootstrap-server localhost:9092 --group my-third-application --reset-offsets --to-earliest --execute --topic first\_topic |