Topic	Partition =1		Paritions = 3	}
Partition 0		Partition 0	Paritions 1	Partition 2
0		0	0	0
1		1	1	1
2		2	2	2
3		3	3	3
4		4	4	4
5		5	5	5
6		6	6	6
7		7	7	7
8		8	8	8
9		9	9	9
10		10		10
11		11		11
12		 12		12
13			•	13

Producer

Specified Not Specfied

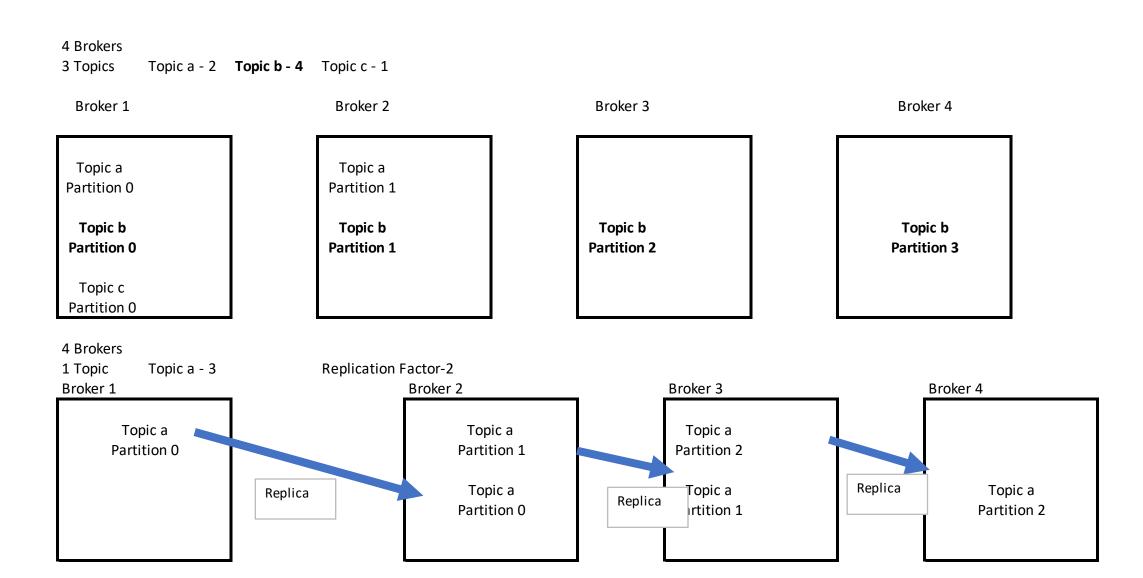
po p1 p2

Specify No. of Partitions or not

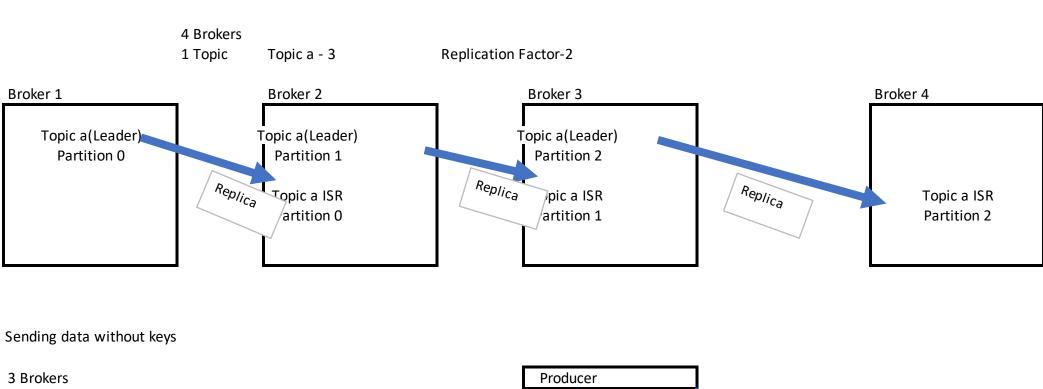
Not Specfied

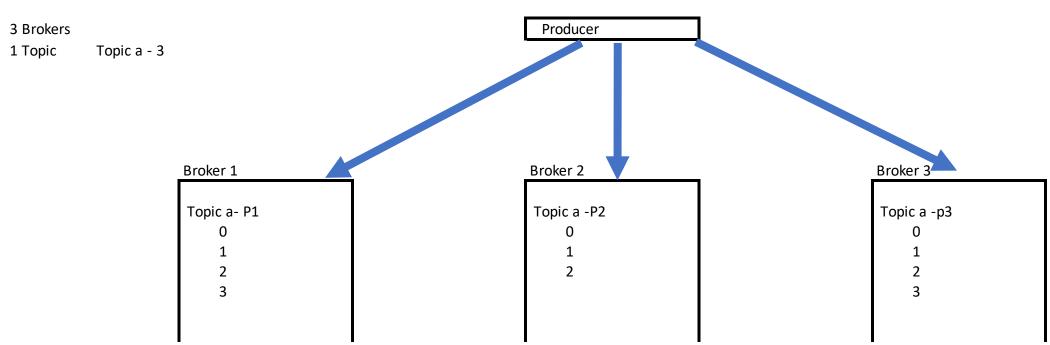
1

Producer

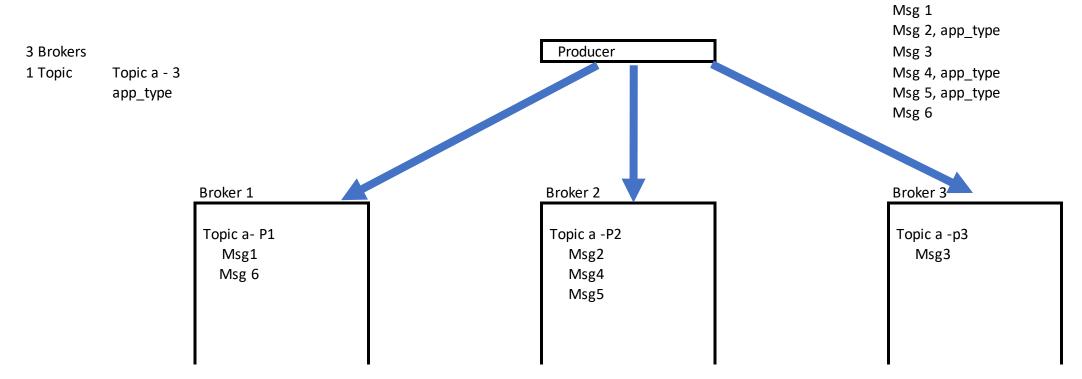


Leader
Followers ISR (In Sync Replicas)



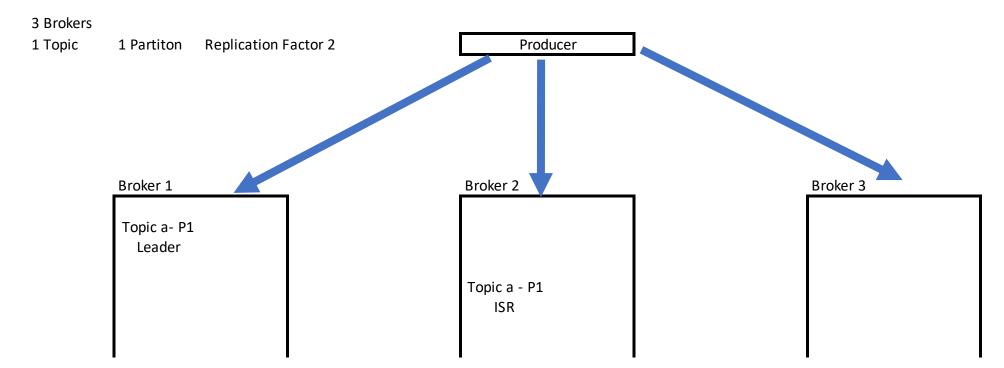


Sending data with keys

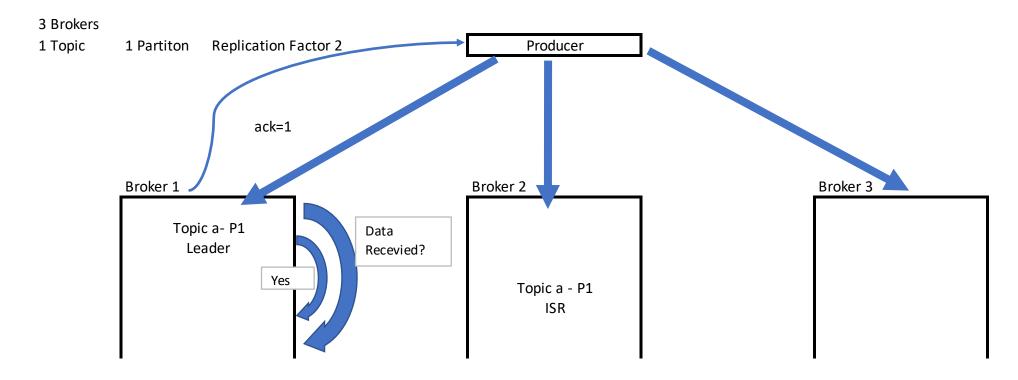


Acknowledgment acks = 0 No acknowledgement acks = 1 Acknowledgment from Leader acks = all Acknowledgment from Leader and its Followers Case 1

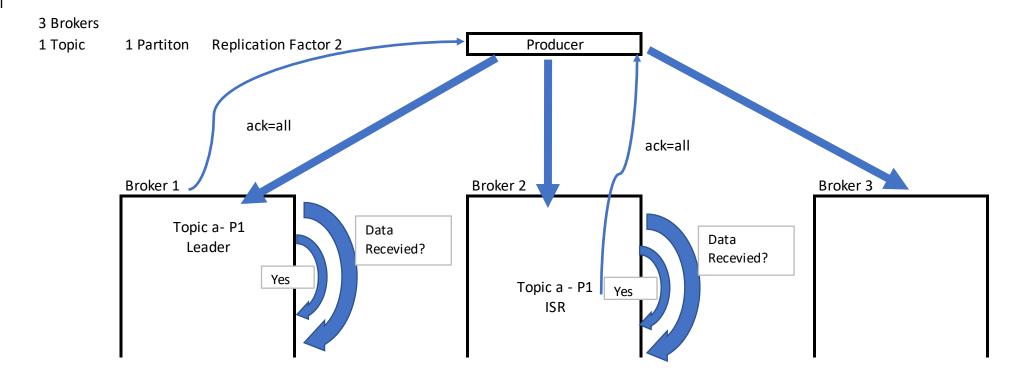




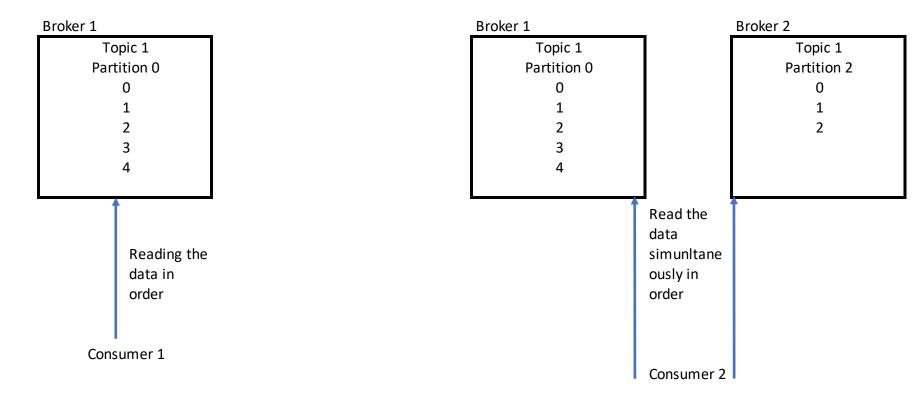
Case 2 acks=1



Case 3 acks=all

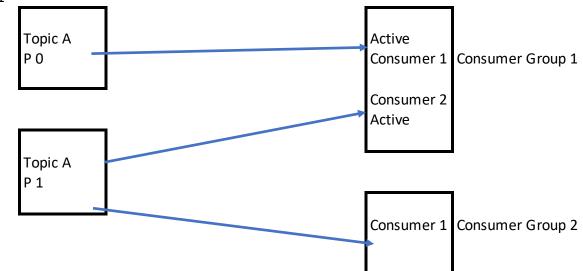


Consumers

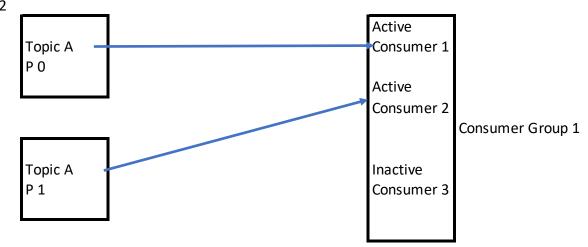


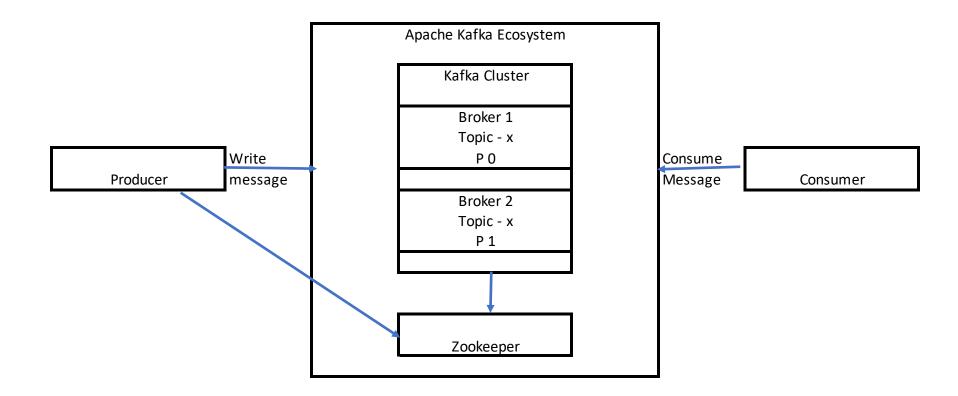
Consumer Groups





Example 2





Apache Kafka Architecture