

	Page
8.	however in MR2 version we can have other job also, apart por just map reduce. lg: giraph, spark, tex
The second secon	however in MR2 there are no longer fixed amount of
	With the concept of logical Containers Coming in, the Sesource association is much more dynamic is we can request for any amount of copie or memory.
	with this, cluster utilization is improved as the resources are not wasted
Marest Leomes	Uberization - / when mode:) Resource Manager creates a container & suns application master in it. AM negotiales for resources. But when job is very small, AM can run the gob in the container itself; no extra resources are
Yarn sec	already existing in container.
	Spark achitecture on your-
	How to execute spark programs on spark chister - interactive mode: spark-shell /pyspark/notebooks submitting a job: spark - submit (bundle code & execute) batch job; used in predu
	sumbit job using Spark - Submit intility.

	classmate
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3	3. who executes where?
	Executers planted cluster machines (worker nodes), However, for the driver we have precipitity
	nodes). However, for the driver we have fresibility
	to lawret it on dient machine as cluster machine.
-	Value of the second of the sec
-	>Executer
rot	
- I Lake	Frecuter = Executer
701:	client cluster.
1	M/C Cluster-mode
्यक्री ३	Cutati music
Minuta	node)Whenever the driver sums on client m/c
went	I develop the driver som allester of experter
Cluster r	my henever the deiver eums on cluster of executer
	& How Spark executes our plag on cluster.
- 23	- spark creates one durer & bunch of executers from
	2- How Spark executes our plag on cluster? - Spark creates one driver a bunch of executors for each application
	- Spark offers 2 different modes for application -
	o Client mode - drives on Client m/c & executors on chuster
	· Client mode - driver on Client m/c & executors on chuster . Cluster mode - Driver and executors on cluster.
- 550	the place him history dismeder factories of these and
	The preferred opproach for production is the duster mode. Client made is not preferred bcz if the client m/c goes down or is shut down, then the
Assess	mode Client made is not preffered box if the
	client m/c goes down or is shut down, then the
N. Carlot	deines stops.
	services is created
4	who controls the duston a land inches note to
	diver a executor?
130 Level	
·M	Cluster Managers -
most ->	YARN
	Mesos
1	Spark to de la
	Spark standaume



