Document DB: saves as json data

Mongodb is used

Use case: content management vedios images comments

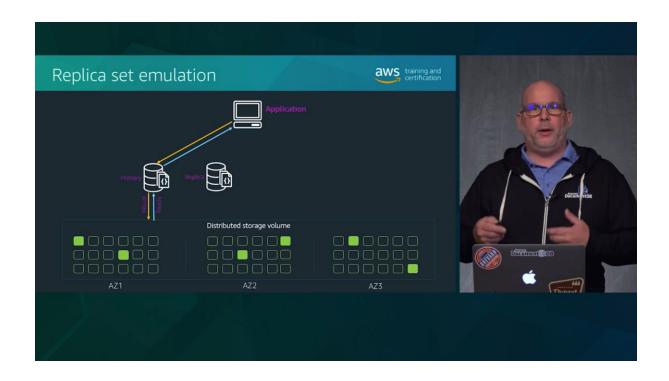
Real time operations

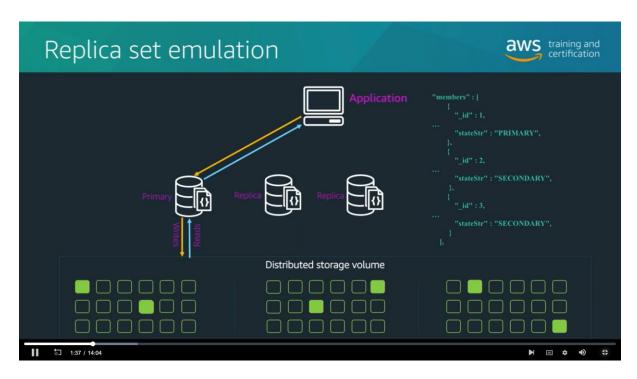
Fast, scalable, fully managed MongoDB-compatible database service





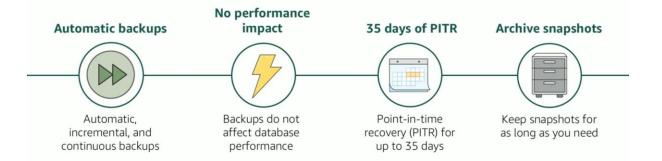
Decouple compute and storage aws training and certification Scale compute Query processor Compute layer Caching Logging Storage layer Storage Read Consistency aws training and certification Primary reads are read-after-write consistent Distributed storage volume





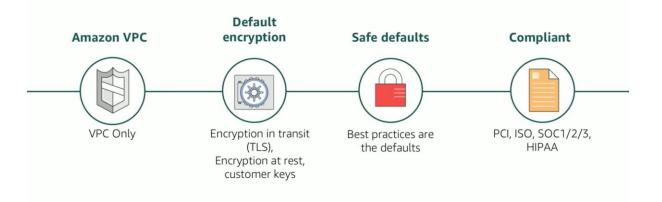
Backup and recovery

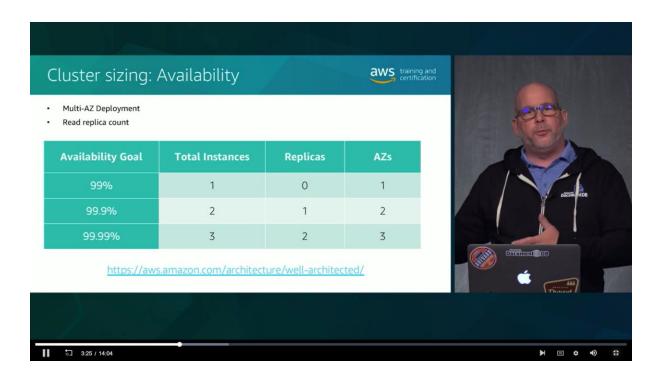




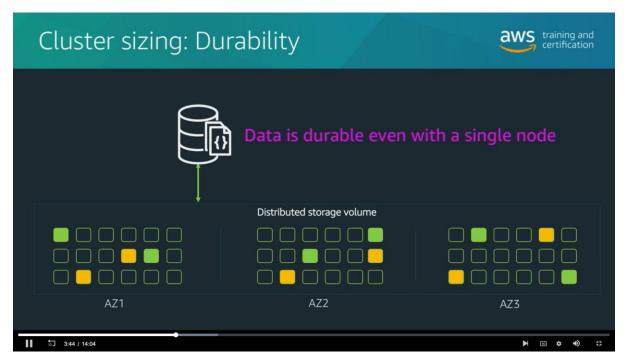
Security and compliance







6 replicas



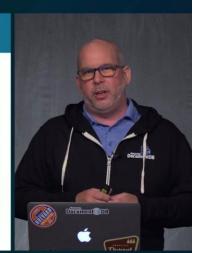
Cluster sizing: Performance

aws training and certification

- vCPU count
- Working set memory (2/3 of RAM)
- Read velocity Write velocity

db.r5 – Current Generation Memory-Optimized Instance Classes

Class	vCPU	Memory (GiB)	Network Performance	
r5.large	2	16	Up to 10Gbps	
r5.xlarge	4	32		
r5.2xlarge	8	64		
r5.4xlarge	16	128		
r5.12xlarge	48	384		
r5.24xlarge	96	768	25Gbps	



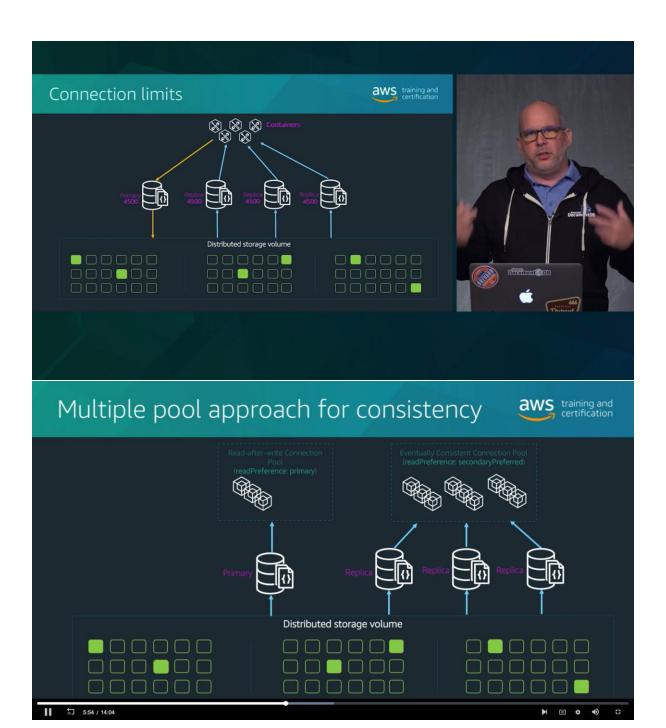
Cluster sizing: Recovery

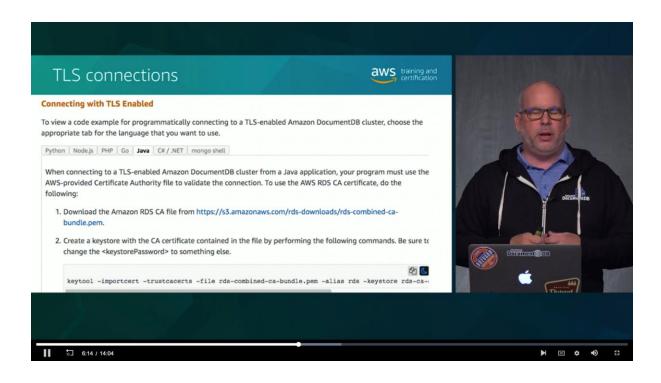


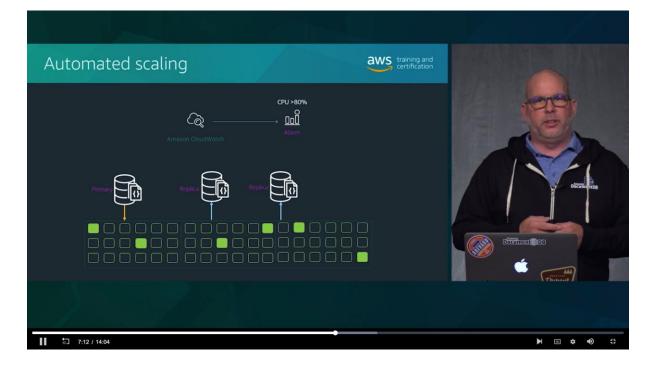
- PITR window
- Backup retention
- Manual backups

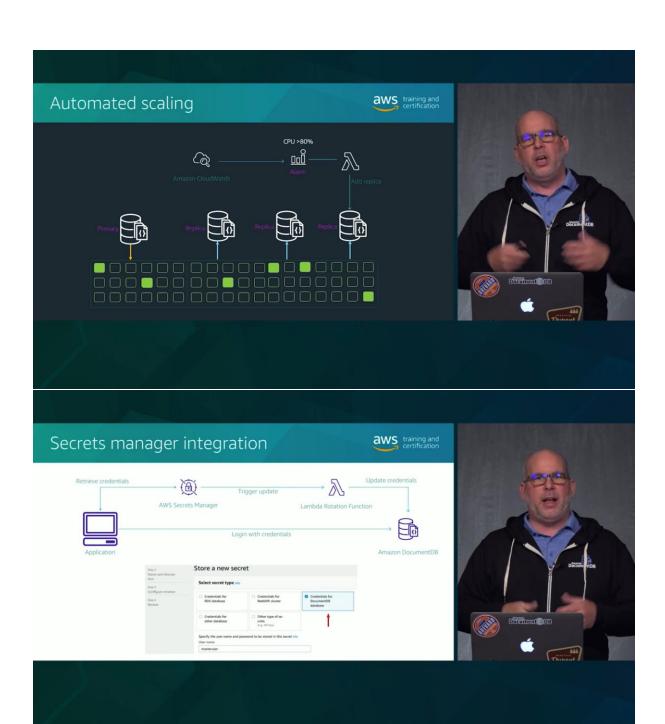
	р								
Backup A period l backups a	petween	1 ac			you can pe	rform a point-i	n-time re	tore and for which automated	
1 day		•							
Backup The daily	time ran		n UTC) du	uring which	h automate	ed backups are Duratio			
Start tin									

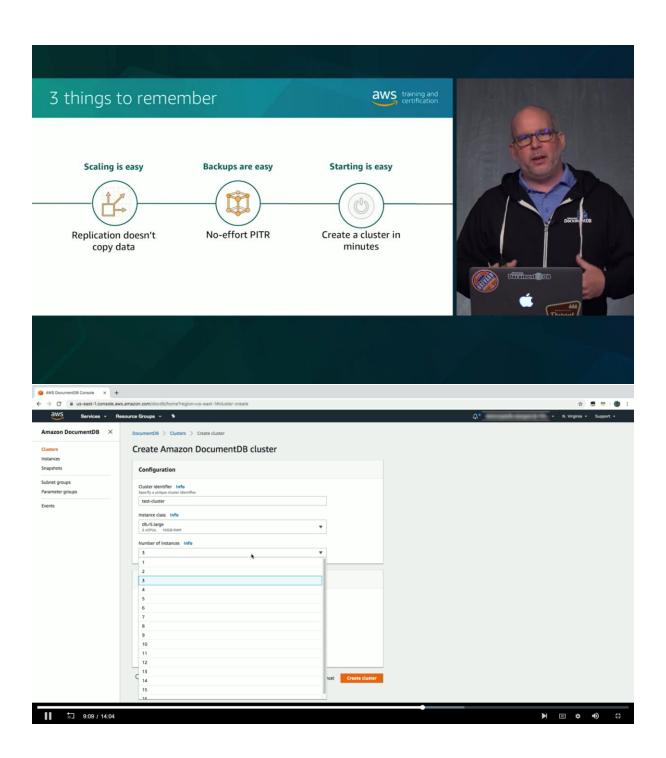


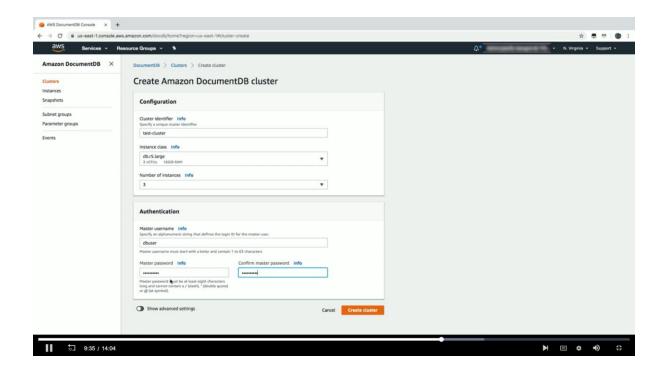


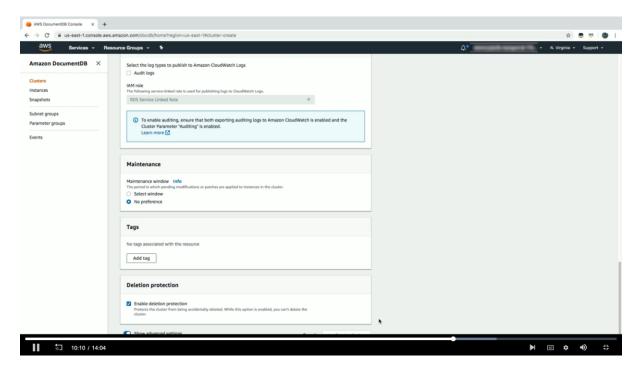












```
[ec2-user@ip-172-31-01-35 ~]$ mongo --ssl --host demo-cluster.cluster-cr6m5dl7bisa.us-east-1.docdb.amazonaws.com:27017 --sslCAFile rds-combined-ca-bundle.pem --username dbuser --password _
```

