Broker between scheduliing and verification?

Broker between Verification and access config

Security in repository and broker?? That seems insecure to me and removes the need of the broker right?

Performance decrease for layers pattern?

You have a Scheduling and Configuration broker between the presentation and logic layer. If you have multiple brokers between the layers, then you kind of miss the point of having a broker.

Multiple datastore clusters? Why?

Failover and load balance? How do you communicate what to do?