

DSG Situation

There is a local replica

Local replica is master

local replica is selected

Local replica is slave

Master replica in other node

readModelInDs=MA, MP: remote master replica is selected

readModelInDs=LP: local replica is selected

No master replica

Master election ongoing

readModelInDs=MA, 80, DSG X master election ongoing

readModelInDs=MP, LP: local replica is selected

Masterless

readModelInDs=MA, 53, No available master replica for DSG X

readModelInDs=MP, LP: local replica is selected

Local replica is down

Available replica(s) in other node(s)

Master replica in other node

readModelInDs=MA, MP: remote master replica is selected

readModelInDs=LP: neighboring replica is selected if available (unlikely).
In case there is no required replica available on the local site, the request is forwarded to master replica

No master replica

Master election ongoing

readModelInDs=MA, 80, DSG X master election ongoing

readModelInDs=MP: a random replica is selected

readModelInDs=LP: neighboring replica is selected if available (unlikely);
else a random replica is selected

Masterless

readModelInDs=MA: 53, No available master replica for DSG X

readModelInDs=MP: a random replica is selected

readModelInDs=LP: neighboring replica is selected if available (unlikely);
else a random replica is selected

No available replica (unreachable)

readModelInDs=MA: 53, No available master replica for DSG X

readModelInDs=MP, LP: 53, DSG X not reachable