Name: Meet Gandhi

Batch: T8

PRN: 2020BTECS00112

Assignment 8

- 1. Do the installation and configuration of Oracle/MySQL/IBM DB2 distributed databases. [Take minimum nodes]
- 2. Use the above installed distributed database as backend for Assignment No.3 & 4.
- 3. Demonstrate the working by connecting portals to different nodes, adding data from one node and available / display on portal connected to another node etc.

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Consideration (Person 18.4.) 1884-228]

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MySQL Shell
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```
No default schema selected; type \use <schema> to set one.
MySQL localhost:3306 ssl JS > cluster.status()
    "clusterName": "cluster",
    "defaultReplicaSet": {
        "name": "default",
         "primary": "CSE-MINICCF-2712:3306",
        "ssl": "REQUIRED",
        "status": "OK NO TOLERANCE",
         "statusText": "Cluster is NOT tolerant to any failures.",
         "topology": {
             "CSE-MINICCF-2712:3306": {
                  "address": "CSE-MINICCF-2712:3306",
                  "memberRole": "PRIMARY",
                  "mode": "R/W",
                  "readReplicas": {},
"replicationLag": "applier_queue_applied",
                 "role": "HA",
"status": "ONLINE",
"version": "8.0.33"
        },
"topologyMode": "Single-Primary"
    },
"groupInformationSourceMember": "CSE-MINICCF-2712:3306"
```

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Description of the content of the co
```

Added 2 nodes to the cluster

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MySQL Shell
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```
MySQL localhost:3306 ssl JS > cluster.status()
    "clusterName": "cluster",
    "defaultReplicaSet": {
        "name": "default",
         "primary": "CSE-MINICCF-2712:3306",
        "ssl": "REQUIRED",
        "status": "OK_NO_TOLERANCE",
         "statusText": "Cluster is NOT tolerant to any failures.",
         "topology": {
    "CSE-MINICCF-2712:3306": {
                   "address": "CSE-MINICCF-2712:3306",
                   "memberRole": "PRIMARY",
                  "mode": "R/W",
"readReplicas": {},
"replicationLag": "applier_queue_applied",
                  "role": "HA",
"status": "ONLINE",
"version": "8.0.33"
              },
"CSE-MINICCF-2712:3307": {
                   "address": "CSE-MINICCF-2712:3307",
                   "memberRole": "SECONDARY",
                   "mode": "R/O"
                  "mode": "R/O",
"readReplicas": {},
"replicationLag": "applier_queue_applied",
                   "role": "HA",
                  "status": "ONLINE",
"version": "8.0.33"
         },
"topologyMode": "Single-Primary"
    },
"groupInformationSourceMember": "CSE-MINICCF-2712:3306"
```