

2. The computer-implemented method of claim 1, wherein the assigned monitoring component receives the lease only when a current lease exists for the replicated database instance.

3. The computer-implemented method of claim 1, further comprising:
storing an identifier for the assigned monitoring component and information for the lease period to a first block storage mechanism for the primary instance replica, the first block storage mechanism causing the identifier and the information for the lease period to be synchronously stored to a second block storage mechanism for the secondary instance replica.

4. A computer-implemented method of monitoring database instances in a database environment from a control environment, comprising:

under control of one ~~of~~ or more computer systems configured with executable instructions,

assigning a monitoring component of a plurality of monitoring components in the control environment to a database instance in a database environment, the plurality of monitoring components grouped according to one of a plurality of data zones or a plurality of geographic locations, the database instance capable of being replicated to include at least a primary instance replica and a secondary instance replica, the monitoring component being assigned to at least one of a first data zone or a first geographical location that is different from a second data zone or a second geographical location of at least one of the primary instance replica or the secondary instance replica in the database environment when the database instance is replicated;

causing the monitoring component to send a communication to the database instance, the communication being sent to at least the primary instance replica when the database instance is replicated; and

in response to receiving lease information from the database instance, monitoring at least a status of the database instance using the monitoring component during a lease period associated with the lease information,

wherein, during the lease period, other monitoring components of the plurality of monitoring components in the control environment are prohibited from initiating failover of the database instance upon determination of failure of the database instance.

cause the monitoring component to send a communication to the database instance, the communication being sent to at least the primary instance replica when the database instance is replicated; and

5 in response to receiving the lease information from the database instance, monitor at least a status of the database instance using the monitoring component during a lease period associated with the lease information,

wherein, during the lease period, other monitoring components of the plurality of monitoring components in the control environment are prohibited from initiating failover of the database instance upon determination of failure of the database
10 instance.

22. The non-transitory computer-readable storage medium of claim 21, wherein the lease information is received from the primary instance replica only when data is synchronized between the primary instance replica and the secondary instance replica,
15 and a current lease exists for the database instance.

23. The non-transitory computer-readable storage medium of claim 21, wherein the database environment includes a plurality of database instances, and the instructions when executed further cause the processor to:
20 assign each of the plurality of monitoring components in the control environment to a portion of the plurality of database instances in the database environment in order to substantially evenly distribute workload across the plurality of monitoring components.

25 24. The non-transitory computer-readable storage medium of claim 23, wherein the instructions when executed further cause the processor to:

assign each of the plurality of database instances in the database environment to one of a plurality of workload partitions,

30 ~~when~~ wherein assigning each of the plurality of monitoring components in the control environment to a portion of the plurality of database instances comprises assigning each of the plurality of monitoring components to one of the plurality of workload partitions.