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12/606,106 26 October 2009 (26.10.2009) US(71) Applicant (for all designated States except US): **AMAZON TECHNOLOGIES, INC.** [US/US]; P.O. Box 8102, Reno, Nevada 89507 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCALISTER, Grant, Alexander, MacDonald** [US/US]; 410 Terry Avenue North, Seattle, Washington 98109 (US). **SIVASUBRAMANIAN, Swaminathan** [US/US]; 410 Terry Avenue North, Seattle, Washington 98109 (US). **HUNTER, Barry, B., Jr.** [US/US]; 410 Terry Avenue North, Seattle, Washington 98109 (US). **BRAZIL, Silas, M.** [US/US]; 410 Terry Avenue North, Seattle, Washington 98109 (US).(74) Agents: **LOHR, Jason, D.** et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).

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(54) Title: MONITORING OF REPLICATED DATA INSTANCES

(57) Abstract: Replicated instances in a database environment provide for automatic failover and recovery. A monitoring component can obtain a lease enabling the component to periodically communicate with, and monitor, one or more data instances in the data environment, where the data instance can be a replicated instance including a primary and a secondary replica. For a large number of instances, the data environment can be partitioned such that each monitoring component can be assigned a partition of the workload. In the event of a failure of a monitoring component, the instances can be repartitioned and the remaining monitoring components can be assigned to the new partitions to substantially evenly distribute the workload.

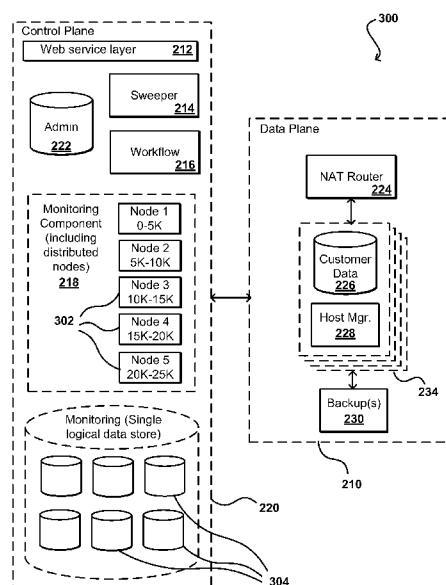


FIG. 3



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