2004 Paper 9 Question 5

Advanced Systems Topics

(*a*) Describe the DHT algorithms that are used in each of CAN and Pastry to route a request for content to the node that holds that content.

[5 marks each]

(*b*) CAN and Pastry include mechanisms to reduce the latency of search. Describe how each of these works, and discuss their relative complexity and performance.

[5 marks each]