Key-based routing

Key-based routing (**KBR**) is a lookup method used in conjunction with distributed hash tables (DHTs) and certain other overlay networks. While DHTs provide a method to find a host responsible for a certain piece of data, KBR provides a method to find the *closest* host for that data, according to some defined metric. This may not necessarily be defined as physical distance, but rather the number of network hops.[1][2][3]

Key-based routing networks

- Freenet
- GNUnet
- Kademlia
- Onion routing
- Garlic routing

See also

- Public-key cryptography
- Distributed Hash Table - Overlay Network
- Anonymous P2P

References

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2. Hwang, Kai; Dongarra, Jack; Fox, Geoffrey C. (18 December 2013). *Distributed and Cloud Computing: From Parallel Processing to the Internet of ... - Kai Hwang, Jack Dongarra, Geoffrey C. Fox - Google Książki* (https://books.google.com/books?id=IjgVAgAAQBAJ&q=Key-based+routing+freenet&pg=PA506) . Morgan Kaufmann. ISBN 9780128002049.
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