Exercise on cache, miss, hit etc.

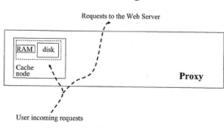
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XV_Analysis of Design alternatives for reverse proxy cache providers

Modeling and evaluation

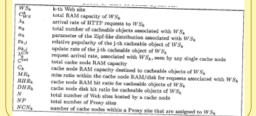
Reverse proxy cache geographically distributed, organized in a hierarchical manner, have limited customers, are implemented over cluster of workstation and are connected through a VPN to the WS.

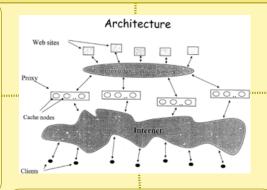
Request management



- Proxy configuration: no global memory management
 Cache content defined by access pattern
- (object popularity)

Nomenclature





- Advantages: reduce load Improve THP Reduce latency Multiple sites share infrastructure.

The model has real constraints:

- bounded cache size and processing power
- popularity and update rates of the documents

It permits identification of archit. depending on:

- Resource assign policy
- Workload characteristics

Also ident of state and transient behavior of the arch.