

Title (en)  
CLUSTER-BASED WEB SERVER

Title (de)  
GRUPPENBASIERTER WEBSERVER

Title (fr)  
SYSTEME ET PROCEDE DESTINES A UNE GRAPPE DE SERVEURS A ESPACE D'APPLICATION

Publication  
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Application  
**EP 01992280 A 20011029**

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Abstract (en)  
[origin: WO0243343A2] A system and method for implementing a scalable, application-space, highly-available server cluster. The system demonstrates high performance and fault tolerance using application-space software and commercial-off-the-shelf hardware and operating systems. The system includes an application-space dispatch server that performs various switching methods, including L4/2 switching or L4/3 switching. The system also includes state reconstruction software and token-based protocol software. The protocol software supports self-configuring, detecting and adapting to the addition or removal of network servers. The system offers a flexible and cost-effective alternative to kernel-space or hardware-based clustered web servers with performance comparable to kernel-space implementations.

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