



DOTNETNUKE HIGH AVAILABILITY AND PERFORMANCE

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LET'S TALK ABOUT CRITICAL THINGS....

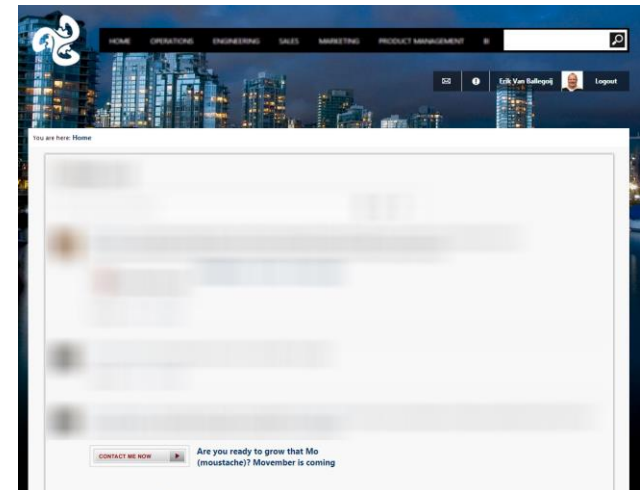
- Mission Critical vs. Business Critical
- Will your business stop functioning if your website is down?



www.sportsdirect.com

Mission Critical

VS.



intranet

Business Critical

WHAT IS HIGH AVAILABILITY?



High availability is a system design approach and associated service implementation that ensures a prearranged level of operational performance will be met during a contractual measurement period.

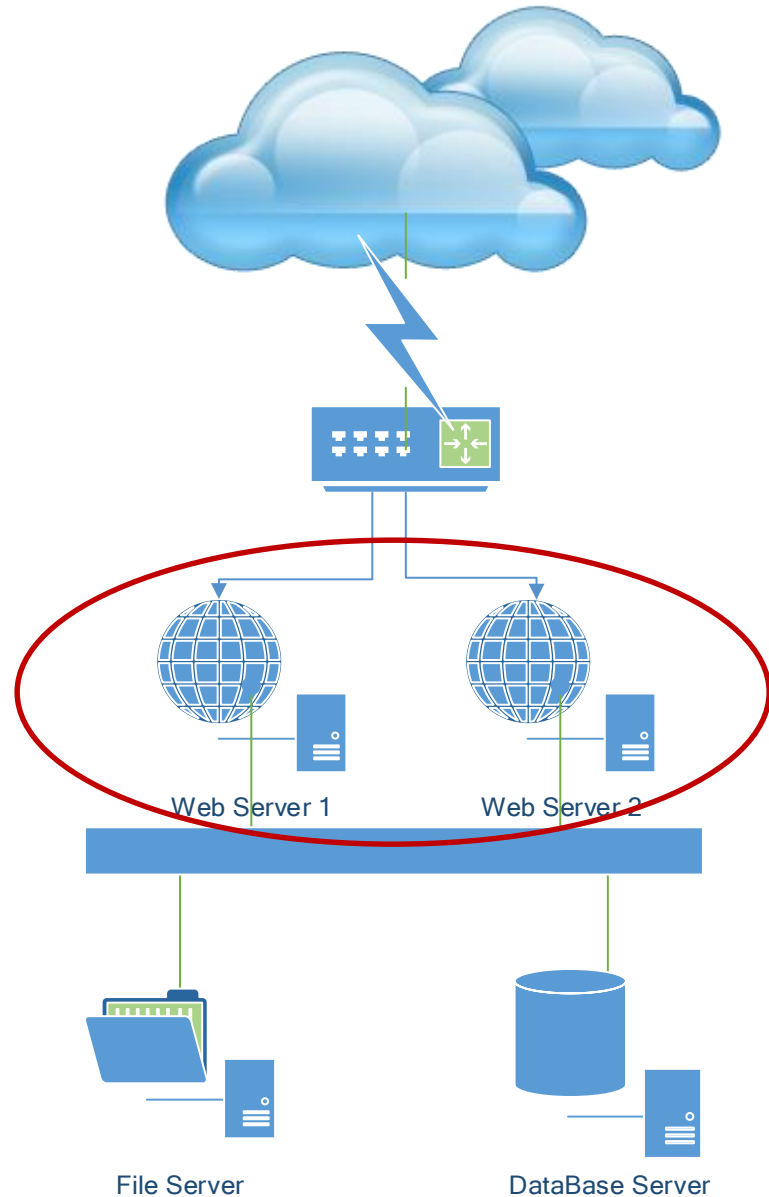
REDUNDANCY AND FAILOVER

- From machine to network to datacenter
- Expected cost of outage vs. cost of redundancy



THE SIMPLE DESIGN

- 1 Load balancer
- 2 Web servers
- 1 File Server
- 1 Database Server



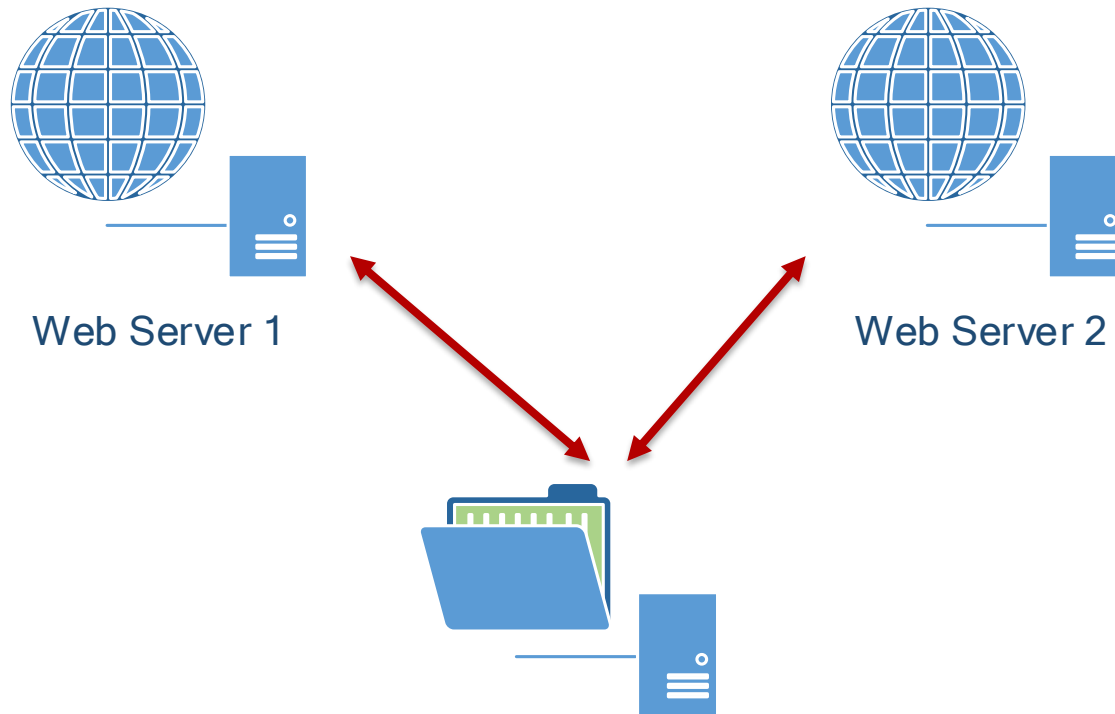
THE PROBLEM

- Content synchronization



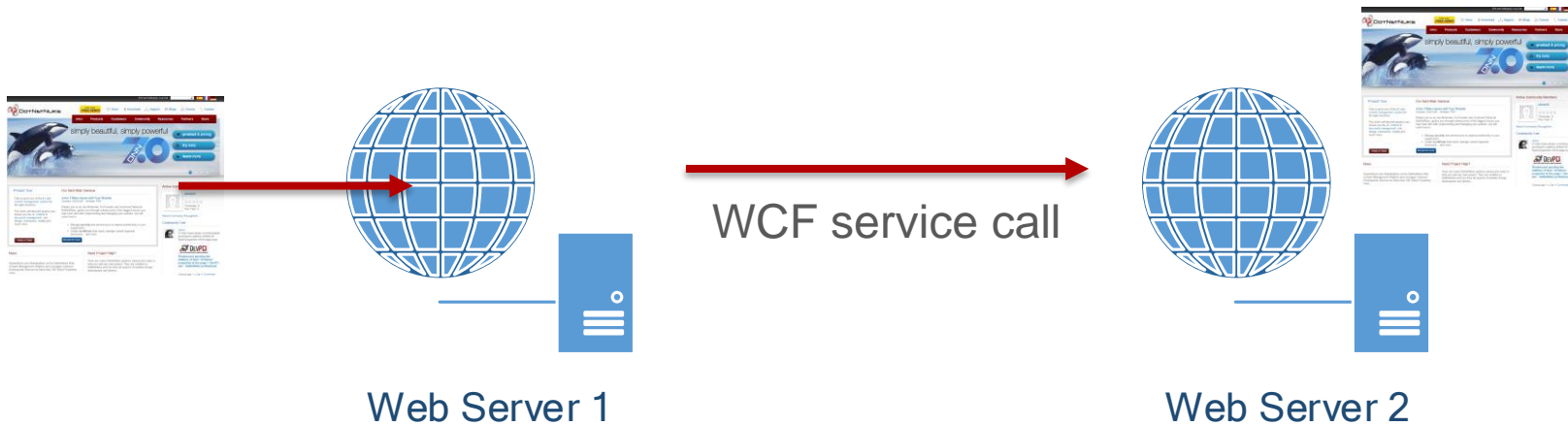
THE SOLUTION (IN COMMUNITY EDITION)

- Synchronization through files



THE SOLUTION (IN PROFESSIONAL EDITION)

- Synchronization through web service calls



PERFORMANCE TIPS

- Always use memory caching for modules and output
- Use Heavy Caching
- Set schedule mode to timer
- Turn off scheduled tasks that are not needed
- Dedicate server(s) to run tasks
- Dedicate server(s) for editing

DEMO



MORE INFORMATION

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- <http://wiki.dotnetnuke.com>
- <http://help.dotnetnuke.com>