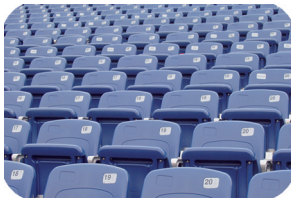


>> High availability eZ publish solutions



Availability means that your eZ publish site is online and ready for access by users and visitors. Many situations can take a system offline, ranging from planned downtime for maintenance to catastrophic failure. The goal of high availability solutions are to minimize both the number of service interruptions and the time needed to recover when an outage occurs. High availability is not a specific technology nor a quantifiable attribute - it is a goal to be reached.

WebDeal AS has IBM as a technology partner in all high availability solutions where outstanding technology and the possibility to combine different server architectures brings full flexibility.

Database solutions

There are two different approaches for securing database availability based on IBM technology. The most common one is to configure two IBM System x servers with software replication of database using uni/cluster from Continuent. The other solution, with less software configuration, is based on the enterprise server family IBM System p.

Web solutions

The only server architecture with top performance on eZ publish is the x86 architecture. To achieve high availability solutions based on this architecture, two IBM System x servers are needed. Fail-over can be handled on the same server in which the web servers run or on separate front-end servers, depending on what is the accepted fail-over delay.

Why IBM System x?

There are many x86 architecture-based servers on the market, but IBM System x offers technology that makes this server family outstanding for high availability solutions:

- Memory ProteXion™ uses spare bits for redundancy that re-route data around a collapsed chip on a DIMM in the event of a failure.
- Predictive Failure Analysis® is a proactive tool for monitoring component health, enabling scheduled maintenance on the CPU, power supplies, memory, hard drives, etc, before failure results in downtime.
- Active Memory™, memory mirroring, dramatically reduces unscheduled downtime for memory failures.
- Hot-swap memory, hard disc, power supply and fans.

>> Solution partner

