

Document-Server



FAQ's

<p>What is the difference between the document server and the high-end document server?</p> <p>Advantage:</p>	<p>In contrast to the document server, the high-end document server has the capability/capacity for replicating data and for replicating archive media between different document servers. Furthermore it allows management of several separate cache areas.</p> <ul style="list-style-type: none"> • Use of several high-end document servers allows continuous operation during maintenance work as you can switch between them and allow high-level protection against loss of media.
<p>Why is a high-end document server needed?</p>	<ul style="list-style-type: none"> • As a replication server, it allows access to the documents during maintenance work or when the document server is down. Running a separate high-end document server is particularly worthwhile in combination with a replication service.
<p>What is the difference between the document server and the cache server?</p>	<p>The set-up of a cache for the document server or several sufficiently dimensioned caches for the high-end document server reduces the access time to the media and the associated time-consuming media change, thus noticeably increasing performance when the archive is used</p> <ul style="list-style-type: none"> • The availability of archives in external offices can be easily achieved via the cache server. Cache servers allow archiving in the external office while writing to the media takes place centrally at the main office.
<p>What cache size is required?</p>	<p>High-performance, revision-safe archiving server with tera cache and direct jukebox control. Each cache can contain up to 1.5 TByte = 1,500 GByte.</p> <ul style="list-style-type: none"> • The cache size should normally cover at least the data files from the last 6-12 months. Ideally the working set should fit completely in the cache, i.e. all data that is probably required for daily business. • A 50% margin should be added to the volume estimated in this way. At least 50 GB should be planned at present.
<p>What is the difference between the document server and the broker server?</p>	<p>In the document search, the broker server takes care of the database queries from the clients, forwards them to the corresponding database server or full-text database and sends the query result back to the clients. The broker server optimizes administration, user management and licensing and also reduces the data volume that is transferred via the network during the document search to a minimum.</p>
<p>What level of performance does the document server reach?</p>	<p>The actual reachable performance clearly depends on the structure of the data as well as the suitable IT configuration.</p> <ul style="list-style-type: none"> • For a rough calculation you can expect a realistic average value of 50 KB per second per drive. • With a good standard system with 4 drives and a probable 10 hours of operation per day this gives approx. 7 GB per day. • This value can be raised substantially for high-end systems in specific projects.
<p>How is the high level of availability ensured?</p>	<p>A second high-end document server ensures high-level availability with its own jukebox for each server (often at a second location). This receives automatically created replications of the data. If the server fails, there is an automatic check to see which of the other servers has replications of the data. They can then be forwarded.</p>

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30. September 2002

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