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## **Federated, Replicated, and Distributed Docbase Differences**

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## What's the difference between Federated, Distributed, & Replicated Docbases?

*"I'll have a distributed, replicated, federated, docbase with 2 Content Servers to go please!"*

That sounds OK but what does that really mean? Here's a quick distributed terminology guide for INTERNAL Tech. Support use. For more detailed explanation, please see the Distributed Configuration Guide.

**Docbase** - A collection of database tables (referred to as meta-data) & files in a content storage area (referred to as content).

**Content Server** - A process that runs on a machine & provides access to a docbase (meta-data and/or content files).

**Distributed Content** - A configuration that has multiple Content Servers on separate machines, each with their own content storage area to store the content files but all sharing the same meta-data information.

- Same meta-data
- Different content storage areas
- Different Content Servers
- Must be same platform for all Servers.

**Replicated Docbase** - (AKA: Object Replication /Replication Services) A configuration where objects from 1 docbase are being copied into another docbase.

- Different meta-data
- Different content storage areas
- Different Content Servers
- Can be different platforms for each Docbase.

**Federated Docbases** - Docbases that are grouped together in a "federation" so that user administration among the Docbase is easier. This provides the ability to automatically copy users, groups & ACLs from 1 docbase (governing) to other Docbases (members) inside the "federation". NOTE: A federation is not required for any specific functionality. For certain operations, the same user must exist in multiple Docbases but this can be done manually. A federation just makes the docbase administrator's job easier because the process of creating the same user in multiple Docbases is automated when using a federation.

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