

<no sound>



This module will provide you with some insight into the management and determination of blocked replication entries.



When determining if it is safe to skip a blocked replication entry, the most important thing you can do is to know your data. Understanding the relationship between each entity is the only means to determine what the consequences of skipping data might be. It is useless to skip an entry if the remaining entries in the queue depend on it.

Ask yourself the question: If I skip this entry, what will happen next? How will I eventually correct the problem so that all servers are back in sync?

Always capture a copy of the entry that you are skipping. An example of this process will be shown on one of the following slides.

Often you do not have to skip the entry. If you know the data and know what caused the problem, you can probably fix the issue so that the blocked entry will become unblocked.

Proper documentation of the problem is essential. Make sure that you document what caused the problem, the LDIF of the entry that was skipped, and what is to be expected after skipping. Also document how the data is to be synchronized.



To save the failing entry, you first must know the replication agreement that has the failure. You can search all of your replication agreements to determine the distinguished names (DNs) that have failures.



Use the command Idapexop with the operation type of controlreplerr to show the LDIF for an error.



There are several ways to correct an error, depending on its nature. In many cases you can use the ids/dapdiff command to compare and synchronize the servers. If you need to make a modification on the consumer, you must create an LDIF file suitable for the ids/dapmodify command. Because the change needs to be made on the consumer, which is normally read-only, you must use the credentials that the supplier uses to bind to the consumer, not the administrator's credentials.



Keeping servers synchronized is simple. Make sure that all changes made to a consumer are fully documented and understood. If you change schema, change it everywhere, or even better, have it replicated.

And above all else, know your data.







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