

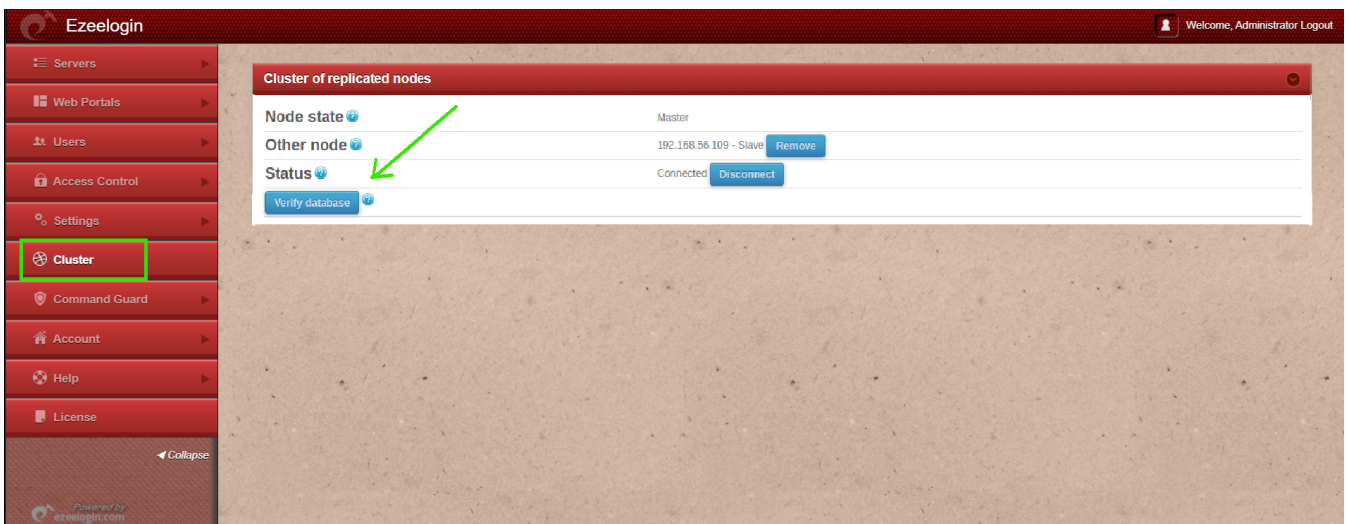
# Error: This node in cluster has local changes. Please verify database and synchronize: DB sync incomplete

361 Manu Chacko September 20, 2024 [Common Errors & Troubleshooting](#) 3229

## Database sync error: This node in cluster has local changes

**Overview:** This article addresses the "Database Sync Error: This Node in Cluster Has Local Changes" issue. It provides a step-by-step guide for verifying and synchronizing the database through the Ezeelogin GUI, ensuring that local changes on a node are resolved by syncing with other nodes. The article also includes a FAQ on whether it's advisable to disable the slave server while using only the master node, highlighting the benefits of keeping both servers synchronized for real-time data updates.

**Step 1.** Click on Verify database from Ezeelogin GUI > **Cluster tab** > **Verify database.**



**Step 2.** Ezeelogin will verify the database and list the tables having different values. If you are clicking verify database from master, you may click on **Keep this node data** on master Node.

The screenshot shows the Ezeelogin Cluster management interface. On the left is a navigation menu with 'Cluster' highlighted. The main area displays a table of synchronization status for various tables. The 'users' table is highlighted with a red box and a green arrow pointing to a 'Failed' status. Below the table, there is a confirmation dialog with 'Keep this node data' and 'Keep other node data' buttons.

Table	Status
ssh_users	Success
supergroup_servergroups	Success
supergroups	Success
user_func_acs	Success
user_ips	Success
user_portal_acs	Success
user_portalgroup_acs	Success
user_server_acs	Success
user_servergroup_acs	Success
user_sshkey_acs	Success
usergroup_func_acs	Success
usergroup_portalgroup_acs	Success
usergroup_servergroup_acs	Success
usergroup_servergroup_sshuser	Success
usergroups	Success
users	Failed

Failed  
 Number of records are equal  
 In record 0 for the field last\_login\_at values are different  
 In record 1 for the field last\_login\_at values are different  
 In record 2 for the field last\_login\_at values are different

Keep this node data    Keep other node data

**Step 3.** Ezeelogin will ask confirmation that Data on other node will be lost , Click on **YES**. So that the data on this node will be synced to other (slave) node.

The screenshot shows the Ezeelogin Cluster management interface. A 'Data loss alert' dialog box is displayed, asking for confirmation that data on other nodes will be lost. Below the dialog is a table of synchronization status for various tables. The 'users', 'usergroups', and 'servers' tables are highlighted in red, indicating they are not synchronized.

Data loss alert

Data on other node will be lost! Confirm?

Yes No

Table	Status
settings	Success
commandgroup_commands	Success
commandgroups	Success
commands	Success
controlpanels	Success
datacenters	Success
files	Success
ips	Success
ldap	Success
mexelist_servers	Success
mexedists	Success
portalgroups	Success
users	Not Synchronized
usergroups	Not Synchronized
servers	Not Synchronized

**Note:** If the cluster tab lists several unsynchronized tables, each table must be synchronized one by one to ensure they are all up to date. Click on "Keep this node data" on master Node.

Example:

Here, three tables are not synchronized: Users, Usergroups, and Servers.

Select "Keep this node data" for the Users table in the master node, and then confirm by clicking "Yes."

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ssh_private_keys	Success
ssh_user_credentials	Success
ssh_users	Success
supergroup_servergroups	Success
supergroups	Success
user_func_acs	Success
user_ips	Success
user_portal_acs	Success
user_portalgroup_acs	Success
user_server_acs	Success
user_servergroup_acs	Success
user_sshkey_acs	Success
usergroup_func_acs	Success
usergroup_portalgroup_acs	Success
usergroup_servergroup_acs	Success
usergroup_servergroup_sshuser	Success
users	Failed Table in my database has 3 records Table in other node database has 2 records <b>Keep this node data</b> <b>Keep other node data</b>

Failed  
Number of records are equal  
Record 0 are same in two databases  
Record 1 are same in two databases  
In record 2 for the field status values are different  
**Keep this node data** **Keep other node data**

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**Data loss alert**

Data on other node will be lost! Confirm?

**Yes** **No**

**Verifying database tables on cluster nodes** [Go back](#)

Table	Status
settings	Success
commandgroup_commands	Success
commandgroups	Success
commands	Success
controlpanels	Success
credential_history	Success
datacenters	Success
files	Success
ips	Success
ldap	Success
mexeclist_servers	Success

After that, click "Keep this node data" for Usergroups table and then click "Yes."

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In record 0 for the field prompt2 values are different  
 In record 0 for the field gmi\_protocol values are different  
 In record 0 for the field created values are different

ssh_private_keys	Success	<b>Keep this node data</b> <b>Keep other node data</b>
ssh_user_credentials	Success	
ssh_users	Success	
supergroup_servergroups	Success	
supergroups	Success	
user_func_acs	Success	
user_ips	Success	
user_portal_acs	Success	
user_portalgroup_acs	Success	
user_server_acs	Success	
user_servergroup_acs	Success	
user_sshkey_acs	Success	
usergroup_func_acs	Success	
usergroup_portalgroup_acs	Success	
usergroup_servergroup_acs	Success	
usergroup_servergroup_sshuser	Success	
users	Success	

Failed  
 Table in my database has 3 records.  
 Table in other node database has 2 records.

**Keep this node data** **Keep other node data**

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**Data loss alert**

Data on other node will be lost! Confirm?

**Yes** **No**

**Verifying database tables on cluster nodes** [Go back](#)

Table	Status
settings	Success
commandgroup_commands	Success
commandgroups	Success
commands	Success
controlpanels	Success
credential_history	Success
datacenters	Success
files	Success
ips	Success
ldap	Success
mexelist_servers	Success

Next, Click on "Keep this node data" of Servers table and confirm the action.

**Cluster**

servers

In record 0 for the field name values are different  
 In record 0 for the field description values are different  
 In record 0 for the field password values are different  
 In record 0 for the field prompt2 values are different  
 In record 0 for the field ipmi\_protocol values are different  
 In record 0 for the field created values are different

Keep this node data    Keep other node data

ssh_private_keys	Success
ssh_user_credentials	Success
ssh_users	Success
supergroup_servergroups	Success
supergroups	Success
user_func_acs	Success
user_ips	Success
user_portal_acs	Success
user_portalgroup_acs	Success
user_server_acs	Success
user_servergroup_acs	Success
user_sshkey_acs	Success
usergroup_func_acs	Success
usergroup_portalgroup_acs	Success
usergroup_servergroup_acs	Success
usergroup_servergroup_sshuser	Success
usergroups	Success
users	Success

**Cluster**

**Data loss alert**

Data on other node will be lost! Confirm?

Yes    No

**Verifying database tables on cluster nodes**    Go back

Table	Status
settings	Success
commandgroup_commands	Success
commandgroups	Success
commands	Success
controlpanels	Success
credential_history	Success
datacenters	Success
files	Success
ips	Success
ldap	Success
mexeclist_servers	Success

**FAQ:**

1. Can we disable the slave server since we are currently using only the master node?

Certainly, the choice to disable the slave server is yours, but keep a note that data synchronization between the master and slave servers will not occur if the slave is disabled. It is recommended to keep both servers running and synchronized for real-time data updates, as changes made to the master server will automatically sync with the slave server.

**Related Articles**

[Cluster Explained](#)

[Switching node states in Ezeelogin Cluster](#)

[Primary node showing the public ip instead of lan ip when cluster is configured](#)

[How to reset cluster keys in ezeelogin Master-slave Configuration ?](#)

[Install slave / secondary node for high availability in jump server](#)

[Could not connect to remote node database, primary server down in cluster](#)

Online URL:

<https://www.ezeelogin.com/kb/article/error-this-node-in-cluster-has-local-changes-please-verify-database-and-synchronize-db-sync-incomplete-361.html>