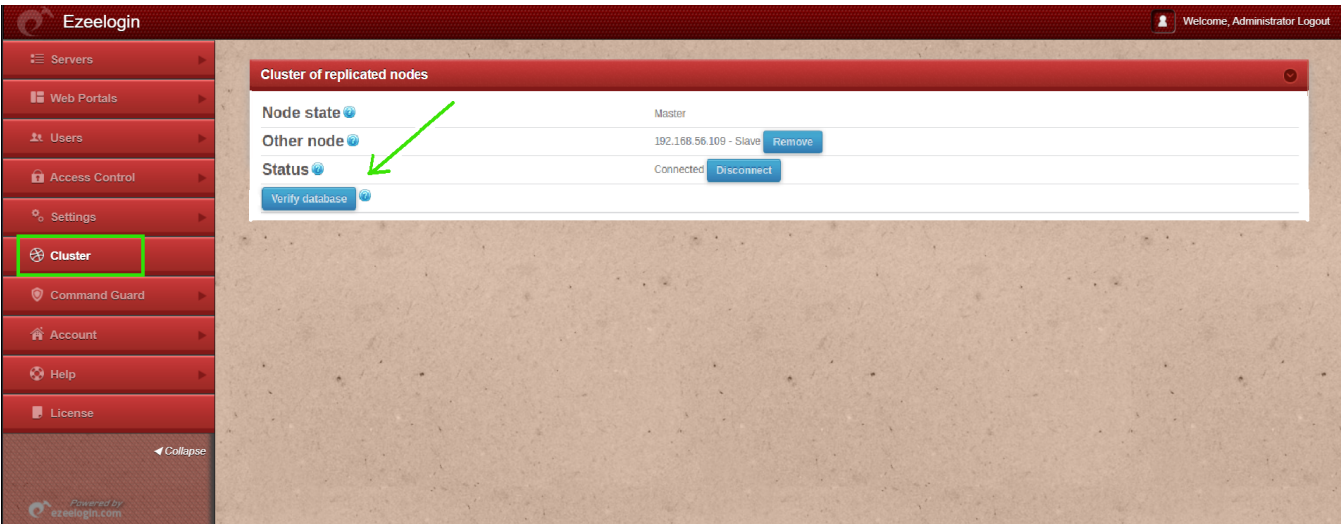


Error: This node in cluster has local changes. Please verify database and synchronize: DB sync incomplete

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 interface with the 'Cluster' tab selected. A list of tables is displayed with their synchronization status. The 'users' table at the bottom is marked as 'Failed' with a red error message: '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'. Below the error message are two buttons: 'Keep this node data' and 'Keep other node data'.

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

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 interface with the 'Cluster' tab selected. A 'Data loss alert' dialog box is displayed with the message 'Data on other node will be lost! Confirm?' and two buttons: 'Yes' and 'No'. Below the dialog box, a table lists various system tables and their synchronization status.

Table	Status
settings	Success
commandgroup_commands	Success
commandgroups	Success
commands	Success
controlpanels	Success
datacenters	Success
files	Success
ips	Success
ldap	Success
mexedlist_servers	Success
mexedlists	Success
portalgroups	Success

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 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 ipmi_protocol values are different
In record 0 for the field created values are different

Keep this node dataKeep 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	Failed Table in my database has 3 records. Table in other node database has 2 records.
users	Success

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Data loss alert

Data on other node will be lost! Confirm?

YesNo

Verifying database tables on cluster nodesGo 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

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

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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

usergroups Success

users Success

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

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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

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>