Duplicate records causing problem in AD Org Or User listing display

Summary

This article provides information about, how to fix the issue of AD organization or AD User listing due to duplicate records exists in the database.

Applies To

MachPanel v7 and above

Issue Details

We have optimized AD Org and User listings by pre-processing records and keeping them in new table. It should work for clients but at times clients have some garbage/duplicate records that can break things and error can be seen on AD Organization or AD User listing like below:
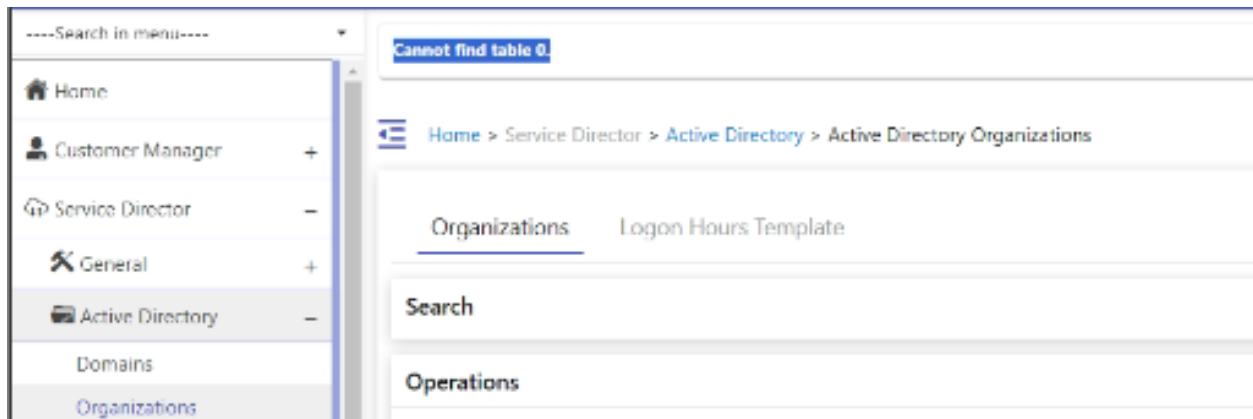
Resolution

Below queries can be used to find duplicates in ADUser and Mailbox table, have to remove and keep only 1 working record in specific table:

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(

Select UserLDAPURL from HB_tblADirUsers

Where ADUserID not in (Select ADUserId from HB_tblADirUserGroupJobs Where StatusId not in (2,3))

and UserLDAPURL!="

Group By UserLdapURL

Having Count(UserLDAPURL) > 1

)

order by UserLDAPURL asc

GO

--Duplicate in tblExchangeMailboxes against UserLDAP, if found have to keep one record for 1 LDAP url.

Select * from HB_tblExchangeMailboxes

Where UserLDAPUrl in

(

Select UserLDAPURL from HB_tblExchangeMailboxes

Where MailboxID not in (Select AccountId from HB_tblExchangeGroupJobs Where AccountType=0 and StatusId not in (2,3))

and UserLDAPURL!="

Group By UserLdapURL

Having Count(UserLDAPURL) > 1

)

order by UserLDAPURL asc

GO

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Where ADUserID in

(

Select ADUserID from HB_tblExchangeMailboxes

Where MailboxID not in (Select AccountId from HB_tblExchangeGroupJobs Where AccountType=0 and StatusId not in (2,3))

Group By ADUserID

Having Count(ADUserID) > 1

)

order by MailboxID asc

GO

Once all duplicates are removed, run below script:

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GO

Important: Rules to follow when deleting from aduser:

- If AdUser has 2 different CustomerId, keep the record which has highest value for ADUserId.
- If CustomerId is same, check for ADUserid in Mailbox table, keep record which is in mailbox table.
  - If no enterprise service enable on ADUser, keep latest record.

MachPanel Knowledgebase
https://kb.machsol.com/Knowledgebase/55782/Duplicate-records-causing-proble...