

# Active Directory Permissions Exceptions

Below you will find the causes, type of exceptions, and solutions that correspond to the following warning on UI / Exception in Logs:

- **Could not load/read data while processing OS objects. Please check the Activity logs of the server for the possible solutions to avoid this.**

## SID account

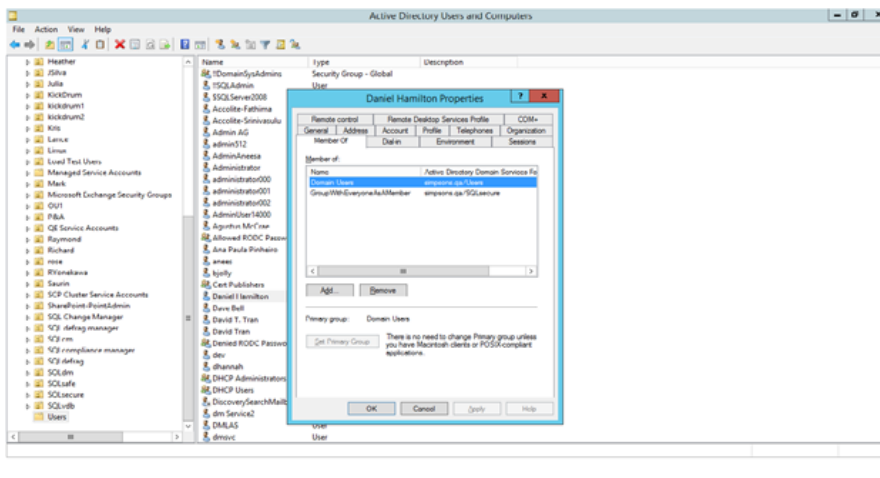
### Cause

The SID account is not part of global group accounts or well-known group accounts

### Solution

To change the account type, follow these steps:

1. Programs
2. Administrative Tools
3. Active Directory Users and Computers



## Active Directory account table

### Cause

System error encountered when `_LookupAccountSid()` for given group SID is called.

### Solution

The user is not present in that Active Directory or that Account table

## SID Group

## Type of exception

ERROR - unable to determine the location of the SID

## Cause

Location of given groupSID is not found as this groupSID is not part of either Well-Known account group, Domain server group role or a Local server group.

## Solution

GroupSID is missing from Active Directory

## Group accounts

## Type of exceptions

- ERROR - group account object creation failed for
- ERROR - enumeration of group failed for

## Cause

Local account creation for group account object failed.

## Solution

Check if the directory entry obtained from WinNT path is valid and has required permissions

## Directory Entry

## Type of exception

ERROR - group directory entry not found for

## Cause

Directory Entry for the given WinNT path not available.

## Solution

Please check if the directory exists at the given path. If the directory exists, please check if permissions allow the directory to be accessed.

## Domain Controller

## Type of exception

ERROR - failed to get domain object for

## Cause

Failed to get name of the domain controller for the specified domain. If Domain is AD, failed to get DNS name for the domain. Domain name was to be returned as either flat name or a DNS name.

## Solution

Possible error values: ERROR\_INVALID\_DOMAINNAME The format of the specified DomainName is invalid. ERROR\_INVALID\_FLAGS The Flags parameter contains conflicting or superfluous flags. ERROR\_NOT\_ENOUGH\_MEMORY A memory allocation failure occurred. ERROR\_NO\_SUCH\_DOMAIN No domain controller is available for the specified domain or the domain does not exist.

## SID Group Directory

### Type of exceptions

- ERROR - failed to get domain object for
- ERROR - group directory entry not found for

### Causes

- This can mean directory entry for the given group SID is not present or valid
- Directory entry for the given groupSID WinNT path is not valid.

### Solution

Check if the specified path is valid or has required permissions

## Group Members

### Type of exception

ERROR - domain group enumeration failed for

### Cause

Retrieving of the directory members and their paths, of the group directory corresponding to the groupSID has failed.

### Solution

Check if the retrieved group members and their paths are valid entries in the server.

## LDAP Path

### Type of exception

ERROR - no elements in the LDAP path

## Cause

No elements present in the given path.

## Solution

Check if the specified path is valid or has required permissions

## Path Elements

### Type of exception

ERROR - not valid number of elements in the path

## Cause

This is logged when there are not enough elements in the path to extract domain from the path.

## Solution

Check if the specified path is valid or has required permissions

## Local Directory

### Type of exception

ERROR - failed to get local directory entry

## Cause

Local directory entry is not found.

## Solution

Check if the specified path from which localDirectoryEntry is to be instantiated, is valid and has required permissions

## Group Object Account

### Type of exception

ERROR - account object creation failed

## Cause

This error is logged when the group object account is tried to be created locally.

## Solution

Check if the localDirectoryentry supplied to this method is valid or has required permissions

## Domain

### Type of exception

ERROR - failed to get domain, DN:

### Cause

Failed to get Domain for specified object path

## Solution

Check if the specified path is valid or has required permissions IS THIS A DOMAIN PROBLEM OR A PATH PROBLEM?

## Directory

### Type of exception

ERROR - FSP group directory entry not found for

### Cause

Directory entry not found for provided Foreign Security Principal SID or FSPSID

## Solution

Check if the specified path for Directory entry associated to this FSPSID is valid or has the required permissions.

## SAM account

### Type of exception

ERROR - failed to get SAM account name for the SID:

### Cause

Failed to get SAM account name for the SID

## Solution

Check if the DirectoryEntry from which the sid was obtained is valid or has required permissions

## SID Objective Category

### Type of exception

ERROR - failed to get object category for the SID

### Cause

Failed to get object category for the SID.

### Solution

Check if the DirectoryEntry from which the sid was obtained is valid or has required permissions

## Directory Group Type

### Type of exception

ERROR - failed to get group type

### Cause

Failed to group type of the Directory Entry with Object class as group

### Solution

Check if the DirectoryEntry obtained is valid or has required permissions

## ADSI path

### Type of exception

ERROR - failed to get adsi path

### Cause

Failed to get adsi path from the given directory entry object

### Solution

Check if the DirectoryEntry obtained is valid or has required permissions

## Directory Entry

### Type of exception

ERROR - exception raised when querying dir entry object

## Cause

Exception to handle any other exception occurred while creating an account

## Solution

Check if the DirectoryEntry obtained is valid or has required permissions

## WinNT path

### Type of exceptions

- ERROR - failed to get dom dir entry
- ERROR - failed to parse the member DN

## Causes

- Failed to get domain directory entry for given WinNT path
- Error in parsing given WinNT Path

## Solution

Check if the WinNT path obtained is valid or has required permissions

## Group members

### Type of exceptions

- ERROR : failed to load <path> group members
- ERROR : failed to read <path> AD group object

## Causes

- No Group members retrieved for the given groupSID
- Group members cannot be retrieved for the given groupSID

## Solution

Check if the given SID is a valid group SID. If not, one try changing the scope of the account through Programs -> Administrative Tools -> Active Directory Users and Computers

## SID and SAM path

### Type of exceptions

- Failed to create account for File Access Rights.

- Failed to create account for File Audit Rights.
- Failed to create account for File Audit Settings.

## Cause

- Failed to create group account access rights for the given sid and sam path
- Failed to create group account audit rights for the given sid and sam path
- Failed to create group account audit settings for the given sid and sam path

## Solution

Check if the given SID is a valid group SID. If not, one try changing the scope of the account through Programs -> Administrative Tools -> Active Directory Users and Computers. Check if the given path is valid and has required permissions

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