NetApp® Knowledge Base

Windows user unable to access a CIFS share with "Access is denied"

Applies to

- ONTAP 9
- CIFS
- SMB share-level ACLs

Issue

- Windows domain user is unable to access the CIFS share under a UNIX volume
- The UNIX volume has appropriate permissions for the mapped UNIX user
- The user has a domain group that has enough permission at the CIFS share-level ACLs
- Security trace shows an error `"Access is denied while mapping a share, insufficient`

```
    share permission."

      Node: node01
      Vserver: svm01
      Sequence Number: 1417393
      Time: Thu Nov 21 15:12:18 2021
      Index of the Filter: 1
      Client IP Address: 10.10.10.10
      Path of the File Being Accessed: -
      Windows User Name: ntap\ts01
      Effective Security Style On File: SECURITY_NONE
      Result of Security Checks: Access is denied while mapping a share,
      insufficient share permission.
      UNIX User Name: ts01
      CIFS Session ID: 759138012188655452
      Accessed CIFS Share Name: -
      Protocol: cifs
      Accessed Volume Name: -
```

Cause

N/A

Solution

Create a share level ACL for the user
```
:> vserver cifs share access-control create -vserver <svm> -share -user-or-
group <user>-user-group-type windows -permission change
```

Additional Information

additionalInformation_text