

# Domain Migration

**Step 1:** Configure the DNS on the Target PC and Source PC on all the Servers and Computers. and also add 8.8.8.8.

**Step 2:** Configuring Conditional Forwarding on both the Source and Target PC.

## What is Conditional Forwarding?

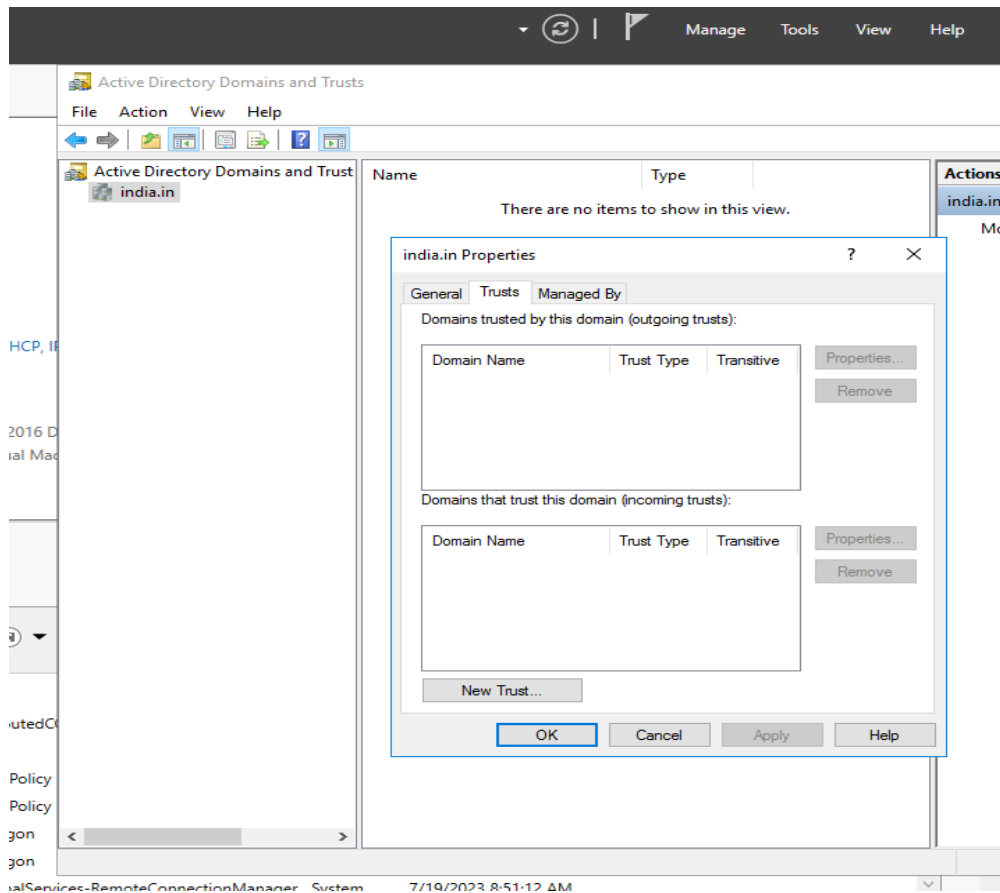
Conditional DNS forwarding is a method to direct DNS queries related to a specific domain to another DNS server. This is done by creating conditional DNS forwarders or rules on the DNS server. This is a simple and reliable method to resolve DNS queries belonging to an external domain.

Note: Ping both the target and source machine with domain name and IP addresses on both the sides.

**Step 3:** Creating Trust relationship and validate the incoming and outgoing trust.

To create Trust go to Tools → Active Directory Domain and Trust → Right click on domain click on Properties → click on Trust and create new Trust.

Enter the domain name of the source domain if performing from target → select two way → both this domain and specified domain → enter the credentials for specified domain → domain wide authentication → ...--> Finish.



#### Step 4: Configuring the DNS Suffix search list.

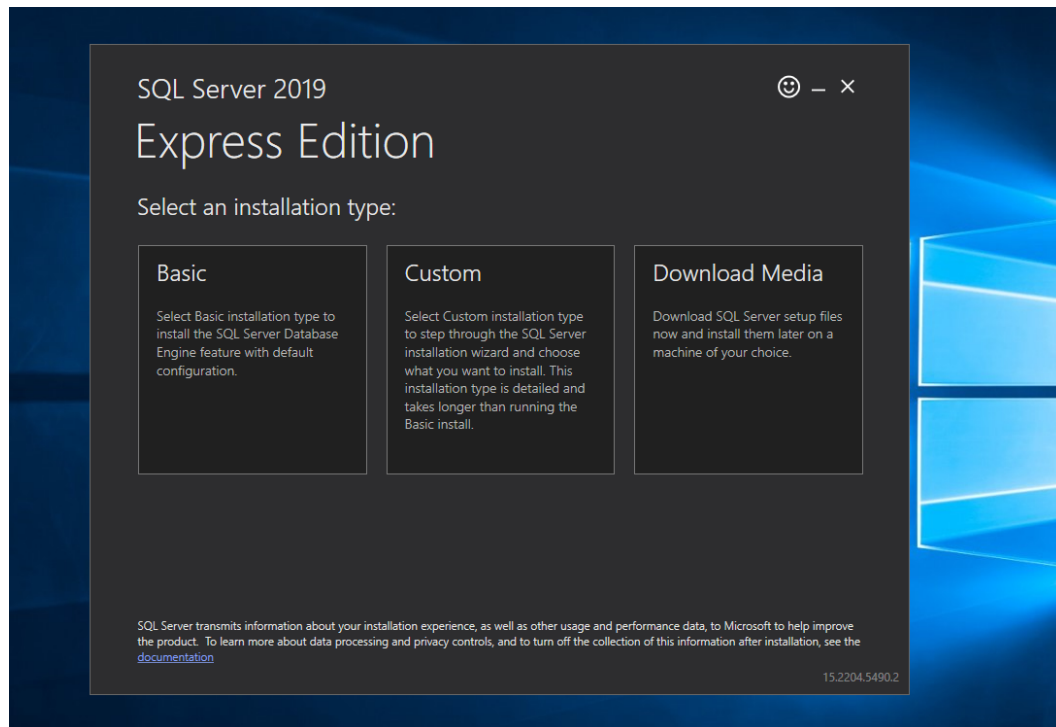
Go to tools → Group Policy Management → Click on Forest → click on domain → Right click on default domain → Edit → Computer Configuration → Policies → Administrative Templates → Networks → DNS Client → Configure DNS Suffix Search List.

**Note:** Perform this steps on both source and target machine after that Run the command prompt by pressing Win+R cmd → Run **gpupdate** to update the group policy. And Run **ipconfig /all**.

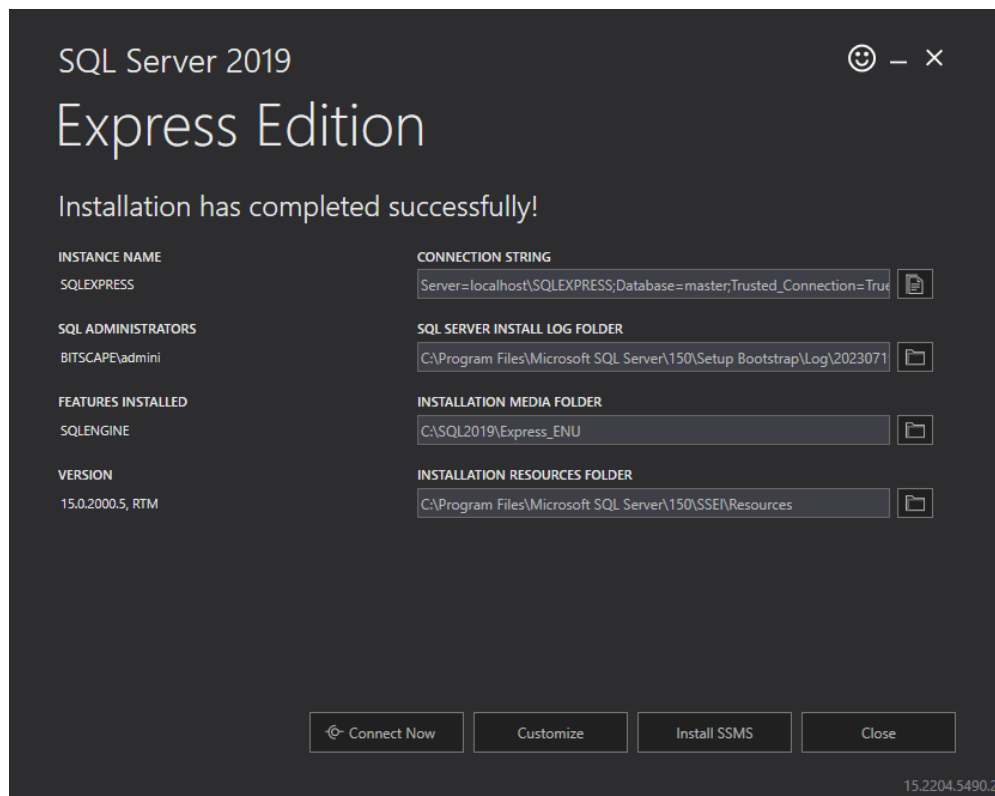
#### Step 5: Installing the SQL Express 2019 R2

<https://www.microsoft.com/en-us/Download/details.aspx?id=101064>

## Select the Basic Installation

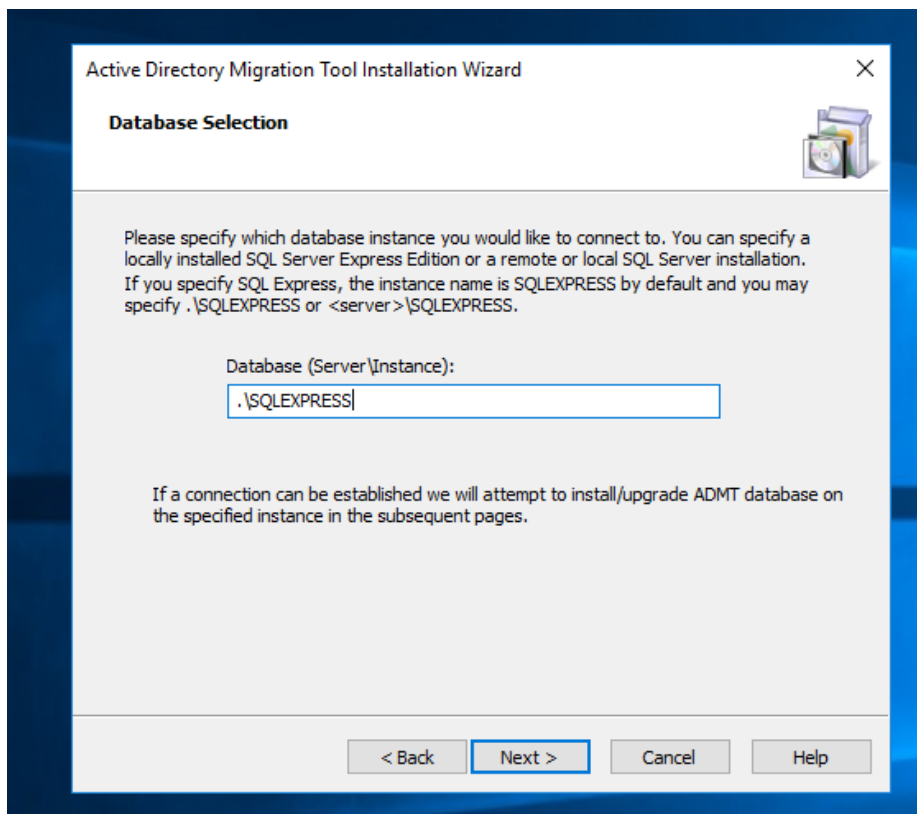


## Now customize the Installation



Perform a new Installation of SQLServer 2019 → Instance Configuration:  
select default Instance → Authentication mode: select Windows  
Authentication mode.

**Step 6:** Now Install the ADMT Migration Tool and connect with the  
Database.



**Note:** You have to perform the Step 5 and Step 6 for both Source and  
Target Machine.

### Step 7: Command to generate Encryption Key:

Encryption key is used to sync your password from old Domain to new Domain.

Now open the path where ADMT is installed and open CMD and run the following command: (Run the following command in Target Machine)

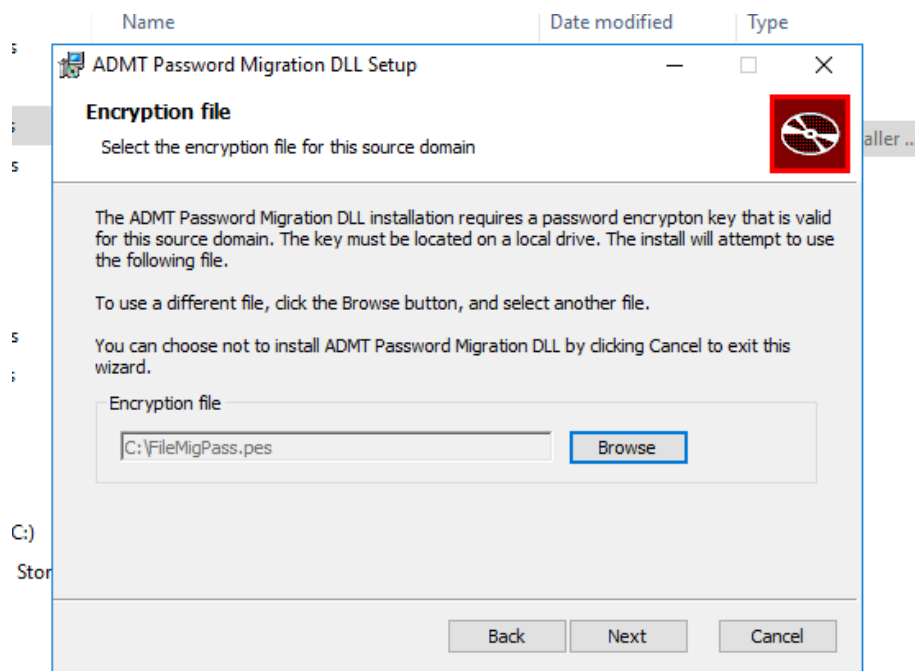
```
ADMT Key /Option:Create /SourceDomain:bitscape.ishan-kansara.in /KeyFile:C:\FileMigPass.pes /KeyPassword:Pass@123
```

After running this command the key will be generated paste it to the source domain.

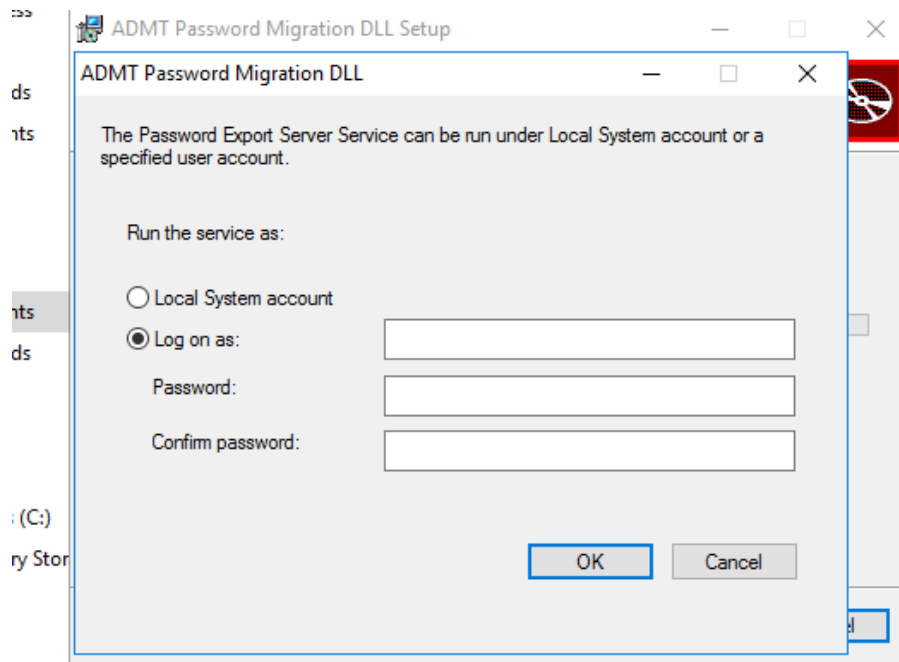
### Step 8: Add ADMT Migration Account in Administrators Group

Go to Tools → Active Directory Users and Computers → Click on Domain → Click on Builtin → in Administrator group add members → give administrative permission for both the domains on both the sides.

### Step 9: Now Install ADMT Password DLL Tool on Source Domain.



## Enter the Credentials of Target Domain



### Step 10: Starting Password Export Server Service

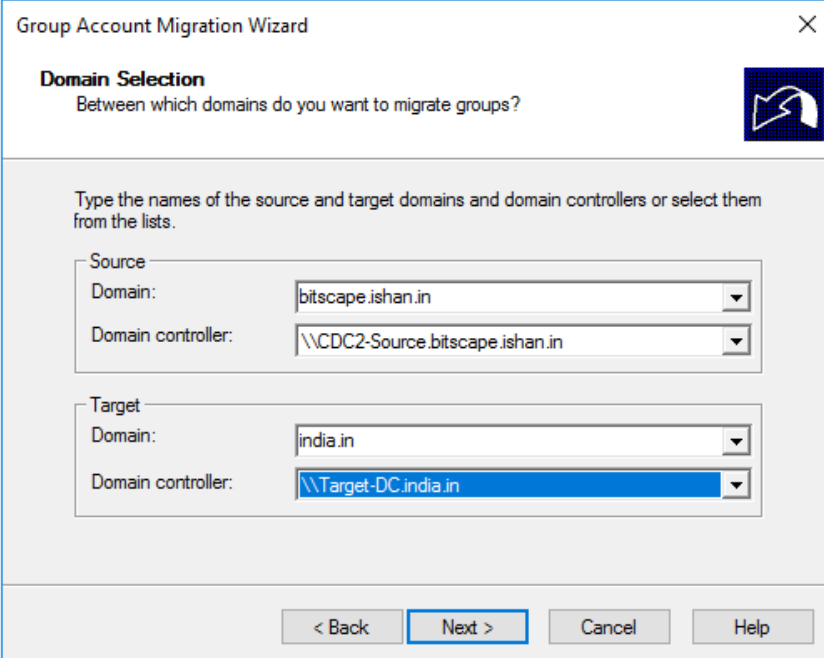
Go to Tools on Source Domain → Services → Select the Password Export Service and run it automatic, **Enable the service on both the machine.**

### Step 11: Create OU in Target OU

### Step 12: Migration Steps

Now open Active Directory Migration Tool Kit on the Target Domain:  
Right Click on it and Perform Group Migration.

## Domain Selection for Group Migration:



The screenshot shows the 'Domain Selection' step of the Group Account Migration Wizard. The window title is 'Group Account Migration Wizard'. Below the title bar, the text 'Domain Selection' is followed by the instruction 'Between which domains do you want to migrate groups?'. A small icon of a blue square with a white arrow is on the right. The main area contains a text prompt: 'Type the names of the source and target domains and domain controllers or select them from the lists.' Below this, there are two sections: 'Source' and 'Target'. Each section has two dropdown menus: 'Domain:' and 'Domain controller:'. In the 'Source' section, the 'Domain:' dropdown is set to 'bitscape.ishan.in' and the 'Domain controller:' dropdown is set to '\\CDC2-Source.bitscape.ishan.in'. In the 'Target' section, the 'Domain:' dropdown is set to 'india.in' and the 'Domain controller:' dropdown is set to '\\Target-DC.india.in'. At the bottom, there are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'. The 'Next >' button is highlighted with a blue border.

Group Account Migration Wizard

**Domain Selection**  
Between which domains do you want to migrate groups?

Type the names of the source and target domains and domain controllers or select them from the lists.

Source

Domain: bitscape.ishan.in

Domain controller: \\CDC2-Source.bitscape.ishan.in

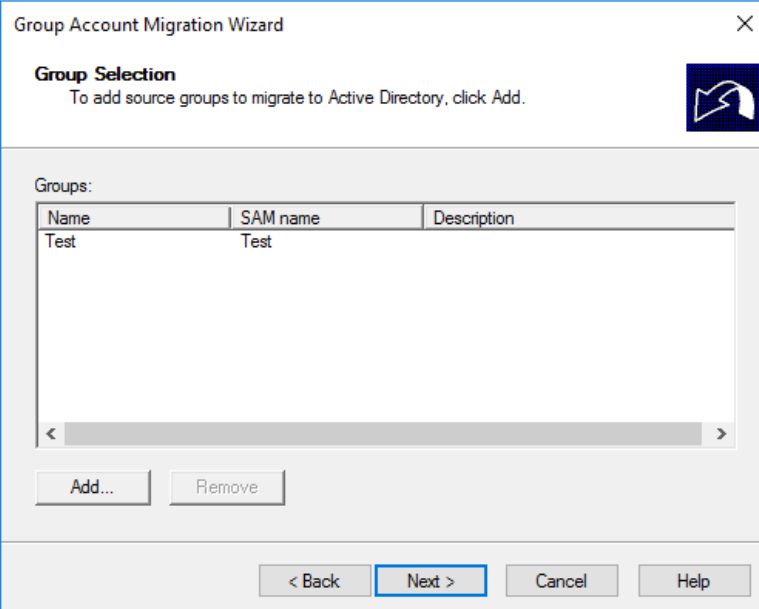
Target

Domain: india.in

Domain controller: \\Target-DC.india.in

< Back Next > Cancel Help

## Perform the Group Selection:



The screenshot shows the 'Group Selection' step of the Group Account Migration Wizard. The window title is 'Group Account Migration Wizard'. Below the title bar, the text 'Group Selection' is followed by the instruction 'To add source groups to migrate to Active Directory, click Add.' A small icon of a blue square with a white arrow is on the right. The main area contains a table with the following columns: 'Name', 'SAM name', and 'Description'. The table has one row with the value 'Test' in both the 'Name' and 'SAM name' columns. Below the table, there are two buttons: 'Add...' and 'Remove'. At the bottom, there are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'. The 'Next >' button is highlighted with a blue border.

Group Account Migration Wizard

**Group Selection**  
To add source groups to migrate to Active Directory, click Add.

Groups:

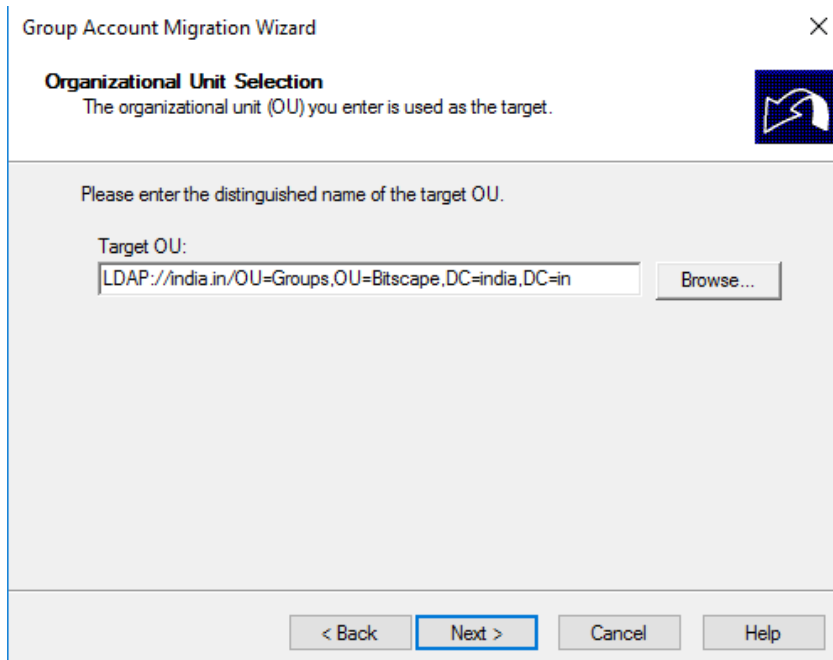
Name	SAM name	Description
Test	Test	

< >

Add... Remove

< Back Next > Cancel Help

## Select the Target OU:



Group Account Migration Wizard

**Organizational Unit Selection**  
The organizational unit (OU) you enter is used as the target.

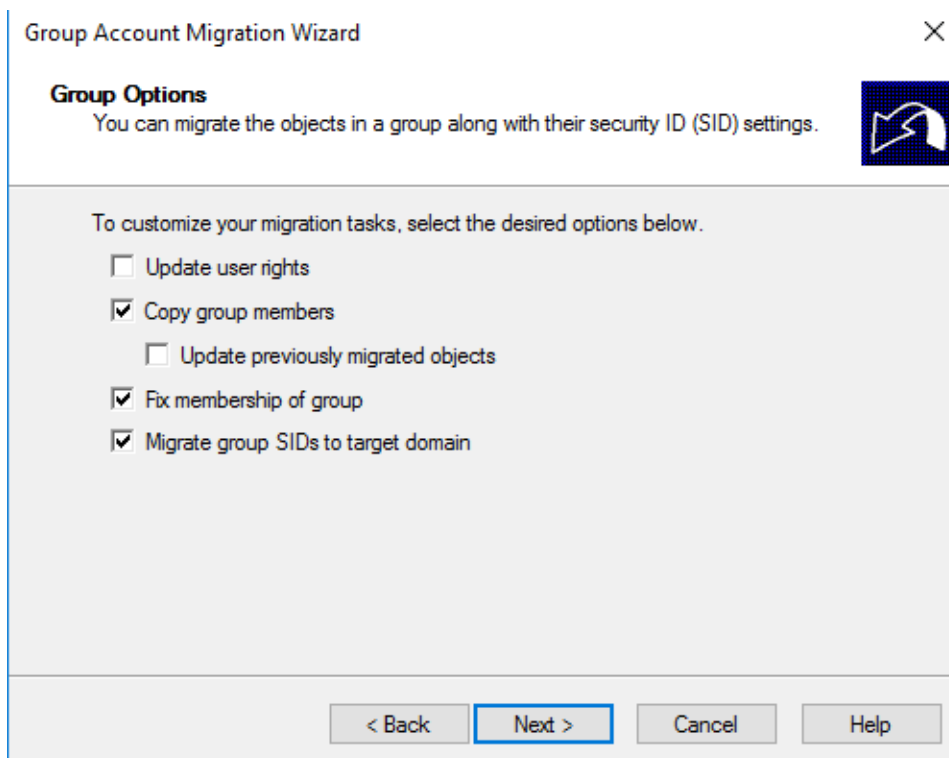
Please enter the distinguished name of the target OU.

Target OU:

< Back   **Next >**   Cancel   Help

This screenshot shows the 'Organizational Unit Selection' step of the Group Account Migration Wizard. The window title is 'Group Account Migration Wizard'. Below the title bar, there's a close button (X) and a Microsoft logo. The main heading is 'Organizational Unit Selection' with a subtext: 'The organizational unit (OU) you enter is used as the target.' Below this, a message says 'Please enter the distinguished name of the target OU.' There is a text input field labeled 'Target OU:' containing the LDAP path 'LDAP://india.in/OU=Groups,OU=Bitscape,DC=india,DC=in'. To the right of the input field is a 'Browse...' button. At the bottom, there are four buttons: '< Back', 'Next >' (which is highlighted with a blue border), 'Cancel', and 'Help'.

## Select Group Options:



Group Account Migration Wizard

**Group Options**  
You can migrate the objects in a group along with their security ID (SID) settings.

To customize your migration tasks, select the desired options below.

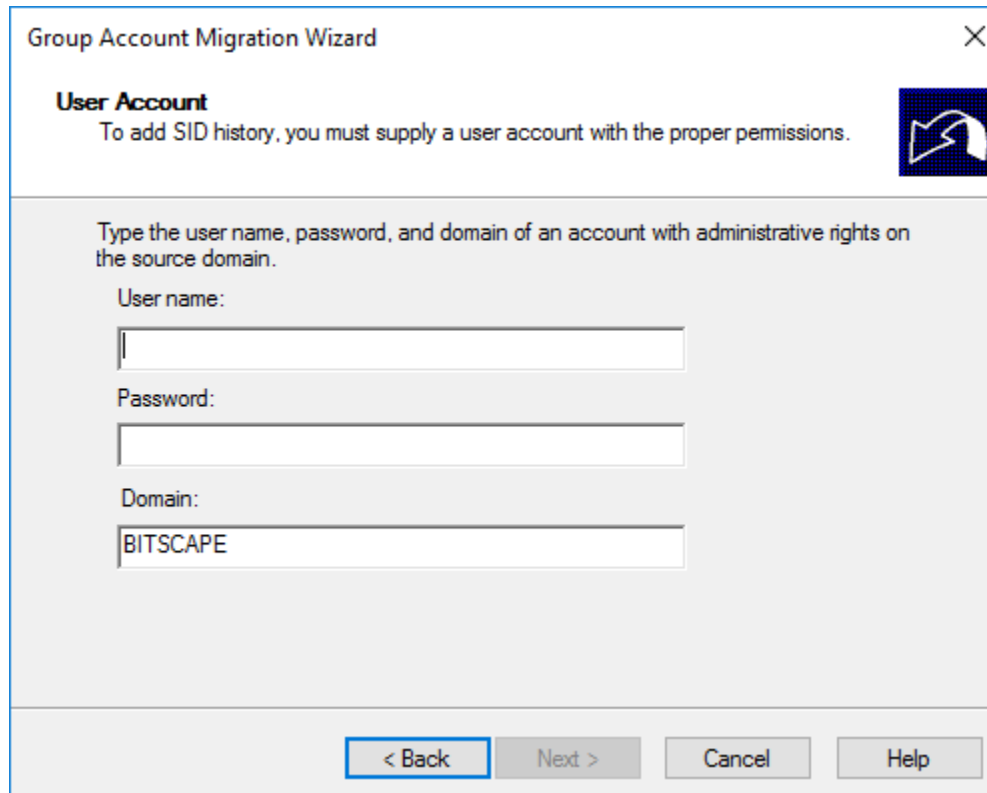
- ☐ Update user rights
- ☒ Copy group members
  - ☐ Update previously migrated objects
- ☒ Fix membership of group
- ☒ Migrate group SIDs to target domain

< Back   **Next >**   Cancel   Help

This screenshot shows the 'Group Options' step of the Group Account Migration Wizard. The window title is 'Group Account Migration Wizard'. Below the title bar, there's a close button (X) and a Microsoft logo. The main heading is 'Group Options' with a subtext: 'You can migrate the objects in a group along with their security ID (SID) settings.' Below this, a message says 'To customize your migration tasks, select the desired options below.' There are five checkboxes with their corresponding labels: 'Update user rights' (unchecked), 'Copy group members' (checked), 'Update previously migrated objects' (unchecked, nested under 'Copy group members'), 'Fix membership of group' (checked), and 'Migrate group SIDs to target domain' (checked). At the bottom, there are four buttons: '< Back', 'Next >' (which is highlighted with a blue border), 'Cancel', and 'Help'.



## Enter the Credentials for the source Domain



The image shows a screenshot of the 'Group Account Migration Wizard' window. The title bar reads 'Group Account Migration Wizard' with a close button (X) on the right. Below the title bar, the section is titled 'User Account' with a sub-instruction: 'To add SID history, you must supply a user account with the proper permissions.' To the right of this text is a blue square icon containing a white arrow pointing right. The main area of the wizard is a light gray box with the instruction: 'Type the user name, password, and domain of an account with administrative rights on the source domain.' Below this instruction are three input fields: 'User name:' (empty), 'Password:' (empty), and 'Domain:' (containing the text 'BITSCAPE'). At the bottom of the window, there are four buttons: '< Back' (highlighted with a blue border), 'Next >' (disabled), 'Cancel' (disabled), and 'Help' (disabled).

Same steps to be Performed for User Migration.

### **Security Translation Migration**

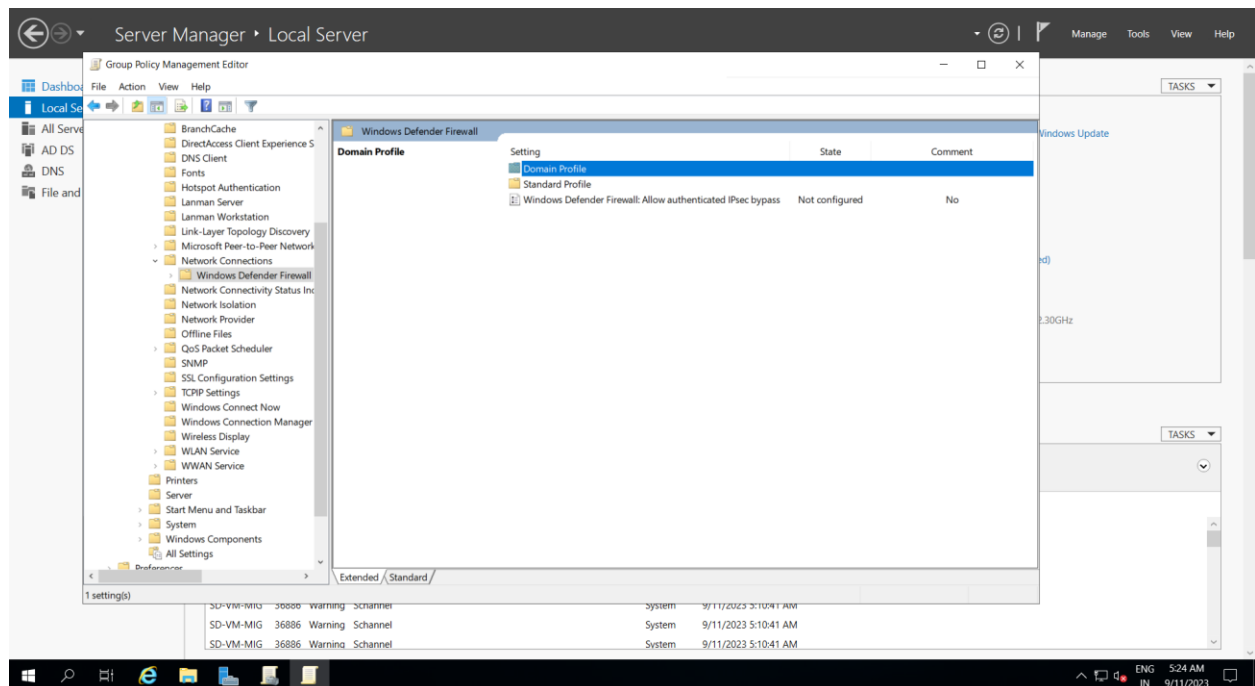
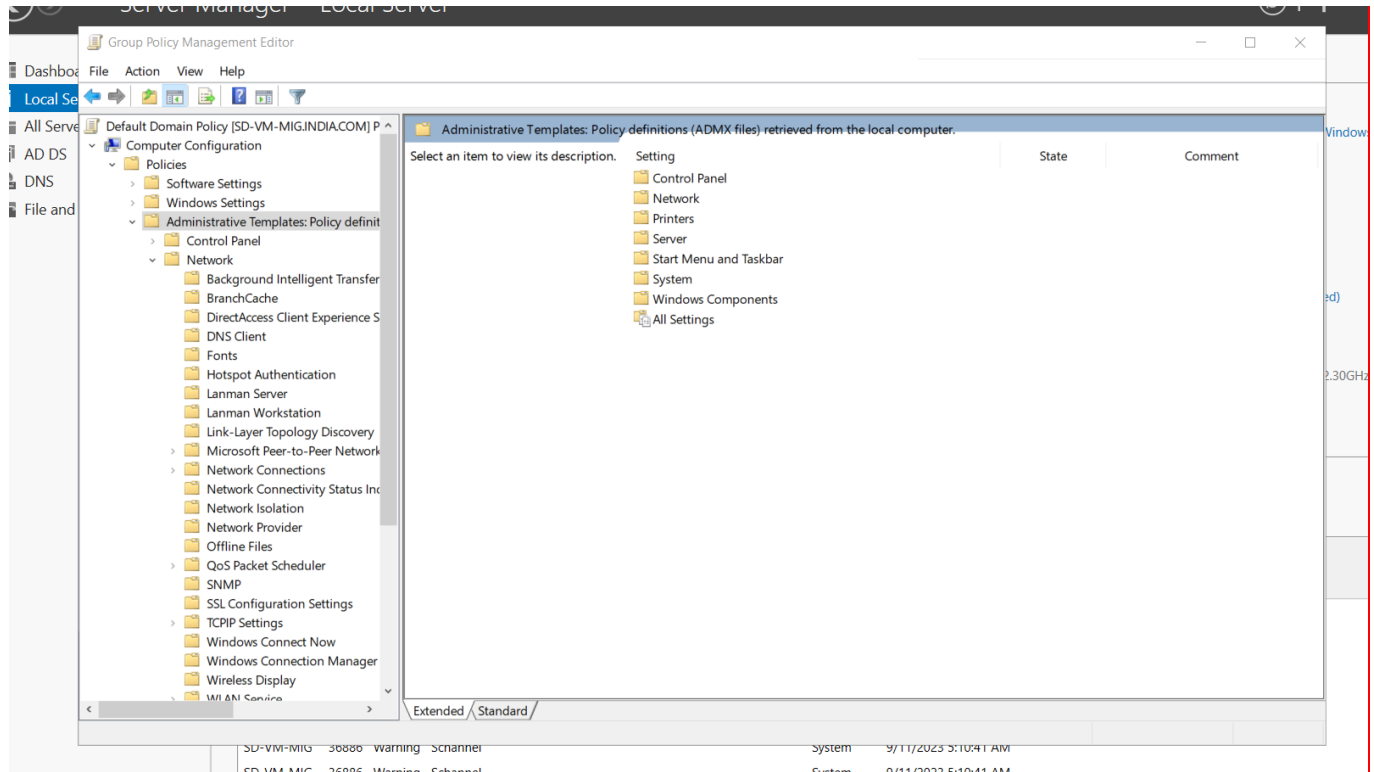
Now perform Security Translation is performed on a machine which you want to join in a new forest.

IN the machine which you want to migrate give the administrative permission to the Target domain and turn off the firewall.

Now open the ADMT tool and perform the security Translation migration.

After that Perform the computer migration in ADMT.

# How to turn off Firewall Using GPO?



Server Manager - Local Server

Group Policy Management Editor

Local Server

Domain Profile

Windows Defender Firewall: Protect all network connections

Setting

State

Comment

Windows Defender Firewall: Allow local program exceptions	Not configured	No
Windows Defender Firewall: Define inbound program exceptions	Not configured	No
Windows Defender Firewall: Protect all network connections	Disabled	No
Windows Defender Firewall: Do not allow exceptions	Not configured	No
Windows Defender Firewall: Allow inbound file and printer sh...	Not configured	No
Windows Defender Firewall: Allow ICMP exceptions	Not configured	No
Windows Defender Firewall: Allow logging	Not configured	No
Windows Defender Firewall: Prohibit notifications	Not configured	No
Windows Defender Firewall: Allow local port exceptions	Not configured	No
Windows Defender Firewall: Define inbound port exceptions	Not configured	No
Windows Defender Firewall: Allow inbound remote administr...	Not configured	No
Windows Defender Firewall: Allow inbound Remote Desktop ...	Not configured	No
Windows Defender Firewall: Prohibit unicast response to mult...	Not configured	No
Windows Defender Firewall: Allow inbound UPnP framework ...	Not configured	No

Requirements:

At least Windows XP Professional with SP2

Description:

Turns on Windows Defender Firewall.

If you enable this policy setting, Windows Defender Firewall runs and ignores the "Computer Configuration\Administrative Templates\Network\Network Connections\Prohibit use of Internet Connection Firewall on your DNS domain network" policy setting.

If you disable this policy setting, Windows Defender Firewall does not run. This is the only way to ensure that Windows Defender Firewall does not run and administrators who log on locally cannot start it.

If you do not configure this policy setting, administrators can use the Windows Defender Firewall

Extended / Standard

14 settings(s)

SD-VW-WTC 30800 Warning Scanner System 9/11/2023 3:10:41 AM

SD-VM-MIG 36886 Warning Schannel System 9/11/2023 5:10:41 AM

SD-VM-MIG 36886 Warning Schannel System 9/11/2023 5:10:41 AM

Windows Update

TASKS

5:24 AM

9/11/2023