

## Microsoft Exchange Server Address Lists – Multi-Tenant Environment

Applies to Exchange Server 2013/2016 – Amir Moiz Gulamaliwala

In an Exchange Multi-Tenant environment, it is mandatory for the Systems Consultants to maintain a separate Exchange Address Lists for every domain hosted within the Exchange Server.

There are many free open source tools available online and paid one as well where you can install and integrate them with you Exchange environment and start using it, but in this article I will explain how to create Exchange Address Lists using PowerShell.

**Root Domain** – cloud.local

**Customer or Entity Domain Name:** company.com

*Already added in my Exchange Admin Center under Accepted Domains*

**OU Name:** Company

*This OU Name can be for an Entity or a Customer hosted in the Exchange Environment.*

Note: Considering that all the users are already created in Active Directory.

Open Exchange PowerShell *Always Run As Administrator*

**Run the following scripts one by one.**

### **Global Address List**

```
New-GlobalAddressList -Name "Company-GAL" -ConditionalCustomAttribute1 "Company" -  
IncludedRecipients MailboxUsers -RecipientContainer "cloud.local/Company"
```

### **Address List for All Users**

```
New-AddressList -Name "Company-All Users" -RecipientFilter "(CustomAttribute1 -eq 'Company') -and  
(ObjectClass -eq 'User')" -RecipientContainer "cloud.local/Company"
```

### **Address List for All Contacts**

```
New-AddressList -Name "Company-All Contacts" -RecipientFilter "(CustomAttribute1 -eq 'Company') -  
and (ObjectClass -eq 'Contact')" -RecipientContainer "cloud.local/Company"
```

### **Address List for All Groups**

```
New-AddressList -Name "Company-All Groups" -RecipientFilter "(CustomAttribute1 -eq 'Company') -and  
(ObjectClass -eq 'Group')" -RecipientContainer "cloud.local/Company"
```

### **Offline Address Book**

```
New-OfflineAddressBook -Name "Company" -AddressLists "Company-GAL"
```

### **Address Book Policy**

```
New-AddressBookPolicy -Name "Company" -AddressLists "Company-All Users", "Company-All  
Contacts", "Company-All Groups" -GlobalAddressList "Company-GAL" -OfflineAddressBook "Company"
```

***All these scripts are tested in Lab and Applied in the Production Environment.***