

Restrict Inbound Mail to the Barracuda Email Security Service IP Range

<https://campus.barracuda.com/doc/53674931/>

For a list of Essentials options and setup instructions, see [Step 1 - Set Up Essentials for Office 365](#).

Time Requirement

After updating your MX records, allow at least 24-48 hours before completing the steps in this section to allow the records to propagate.

The steps in this section enhance the security of the connection between Barracuda Email Security Service and Office 365. It will only allow inbound email to come from the Barracuda system.

1. Install Exchange Online module.
 - If you have already installed Exchange Online module, proceed to the next step.
 - To install Exchange Online module, open Windows PowerShell as an administrator and enter the following command:
`Install-Module -Name ExchangeOnlineManagement`
2. Connect to Exchange Online Powershell and log in with your Office 365 administrator account using the following command:
 - `Connect-ExchangeOnline`
For more information on connecting to Exchange Online Powershell, see the Microsoft article <https://docs.microsoft.com/en-us/powershell/exchange/connect-to-exchange-online-powershell?view=exchange-ps>.
3. Find the correct IP range based on the region selected when setting up your Barracuda Email Security Service instance. Refer to the [Barracuda Email Security Service IP Ranges](#) for the IP ranges corresponding to your region.
4. After you connect to Exchange Online PowerShell, run the appropriate PowerShell script based on your region:

PowerShell Script for the Australia Region

```
New-InboundConnector -ConnectorType Partner -Name "Barracuda Inbound Connector" -RequireTls $true -SenderDomains * -SenderIPAddresses 3.24.133.128/25 -RestrictDomainstoIPAddresses $true
```

PowerShell Script for the Canada Region

```
New-InboundConnector -ConnectorType Partner -Name "Barracuda Inbound
```

```
Connector" -RequireTls $true -SenderDomains * -SenderIPAddresses  
15.222.16.128/25 -RestrictDomainstoIPAddresses $true
```

PowerShell Script for the German Region

```
New-InboundConnector -ConnectorType Partner -Name "Barracuda Inbound  
Connector" -RequireTls $true -SenderDomains * -SenderIPAddresses  
35.157.190.224/27,18.185.115.192/26,18.184.203.224/27 -  
RestrictDomainstoIPAddresses $true
```

PowerShell Script for the UK Region

```
New-InboundConnector -ConnectorType Partner -Name "Barracuda Inbound  
Connector" -RequireTls $true -SenderDomains * -SenderIPAddresses  
35.176.92.96/27,18.133.136.128/26,18.133.136.96/27 -  
RestrictDomainstoIPAddresses $true
```

PowerShell Script for the US Region

```
New-InboundConnector -ConnectorType Partner -Name "Barracuda Inbound  
Connector" -RequireTls $true -SenderDomains * -SenderIPAddresses  
64.235.144.0/24,64.235.145.0/24,64.235.146.0/24,64.235.147.0/24,64.235.1  
48.0/24,64.235.149.0/24,64.235.150.0/24,64.235.151.0/24,64.235.152.0/24,  
64.235.153.0/24,64.235.154.0/24,64.235.155.0/24,64.235.156.0/24,64.235.1  
57.0/24,64.235.158.0/24,64.235.159.0/24,209.222.80.0/24,209.222.81.0/24,  
209.222.82.0/24,209.222.83.0/24,209.222.84.0/24,209.222.85.0/24,209.222.  
86.0/24,209.222.87.0/24 -RestrictDomainstoIPAddresses $true
```

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