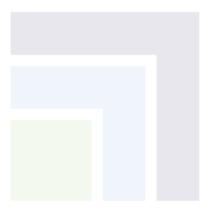
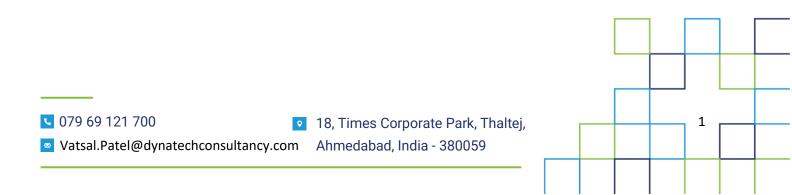


Office 365 Connector— aacn.org



Prepared By:

- --Shivam Shah
- --Vatsal Patel





Issues and requirement of connector:

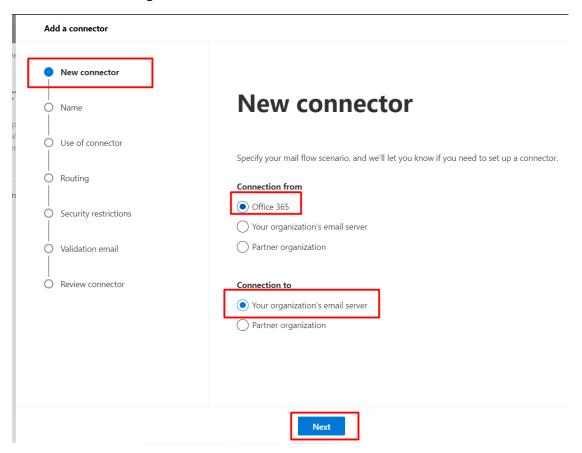
- a) "aacn.org" is using google mail service and same domain is white-listed in office365, so any emails sent or files shared via OneDrive from office365 will remain there due to working of mail service is defined i.e. if the domain is found in local server it won't go to search remote servers.
- -→ Due to that connector is required to show directions to the mail i.e. if any emails sent from matching domain then this connector will show the directions of landing that mail.
- b) After creating connector, mails sent from this domain from office365 were received at google workspace end, but identical username (email address) were not getting emails as it was found at both ends (O365 and Google workspace) and it was getting failed at office365 end as the connector was getting confused.
- → To resolve this we had created connector with transport rule, this will forcefully go to connector without searching locally and then connector with show direction where to land.
- c) The connector verifies by sending test mail to remote server user, but it was getting failed because of security.
- → We had whitelisted, office365 exchange IP addresses at Mimecast and Google workspace. Also, sender domains were added in SPF record.

Please check below steps followed in office365 Admin to create a connector successfully.



1. Office365 admin -> Exchange admin center -> mail flow-> connectors -> create a connector.

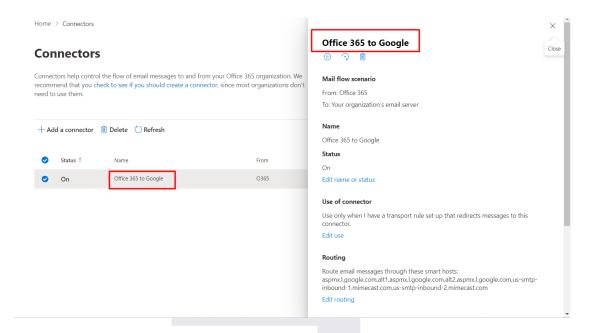
With From and To settings as below:



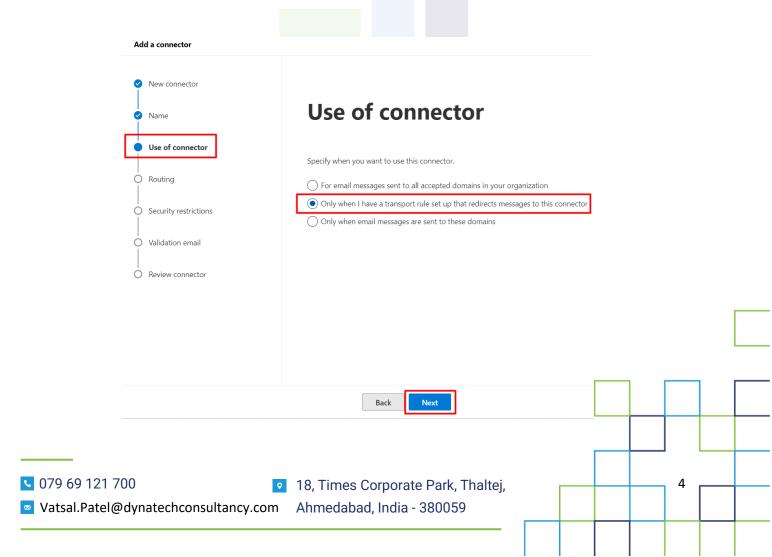




2. Name the connector:



3. Select the usage with transport rule that will redirect the emails to connectors if rule conditions match.





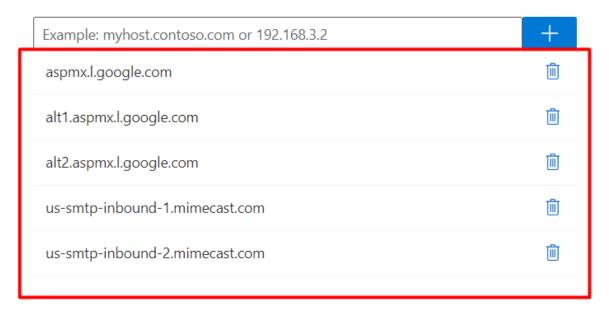
4. Add remote mail server addresses that can be mx records, domain names or IP addresses depending on mail service provider, in our case it is as below:

Routing

How do you want to route email messages?

Specify one or more smart hosts to which Office 365 will deliver

Specify one or more smart hosts to which Office 365 will deliver email messages. A smart host is an alternative server and can be identified by using a fully qualified domain name (FQDN) or an IP address.







5. Select the security restrictions settings as below:

How should Office 365 connect to your email server? ✓ Always use Transport Layer Security (TLS) to secure the connection (recommended) Connect only if the recipient's email server certificate matches this criteria • Any digital certificate, including self-signed certificates Olssued by a trusted certificate authority (CA) Add the subject name or subject alternative name (SAN) matches this domain name: Example: contoso.com or *.contoso.com

Next





6. Add an email address of remote mail server to validate and test the connection. (Please note that validation needs to be done which is not identical)

Validation email

Specify an email address for an active mailbox that's on your email server. You can add multiple addresses if your organization has more than one domain.

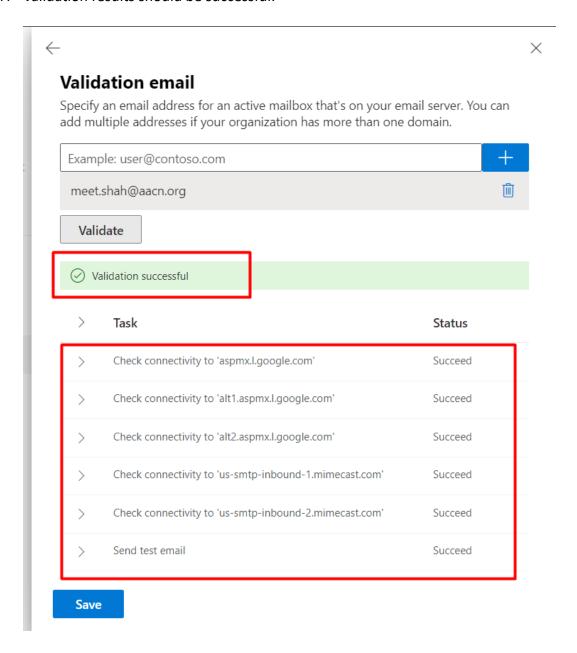


Save





7. Validation results should be successful:



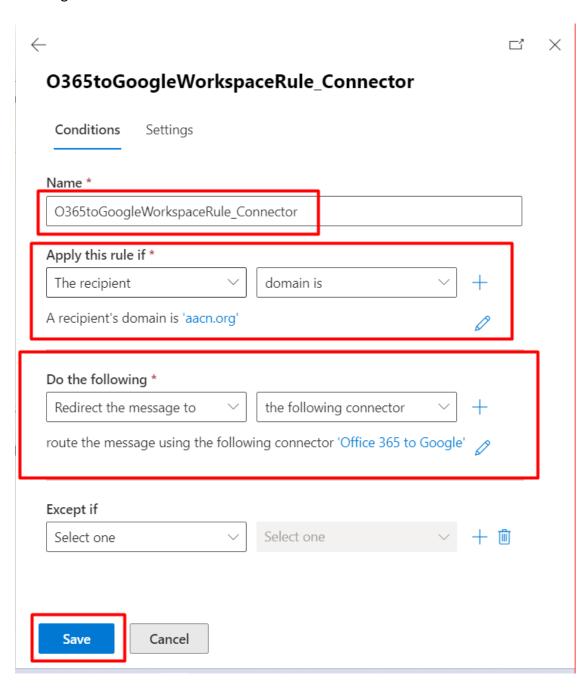


9



8. Need to create transport rule to redirect mails to connector: Check below settings highlighted:

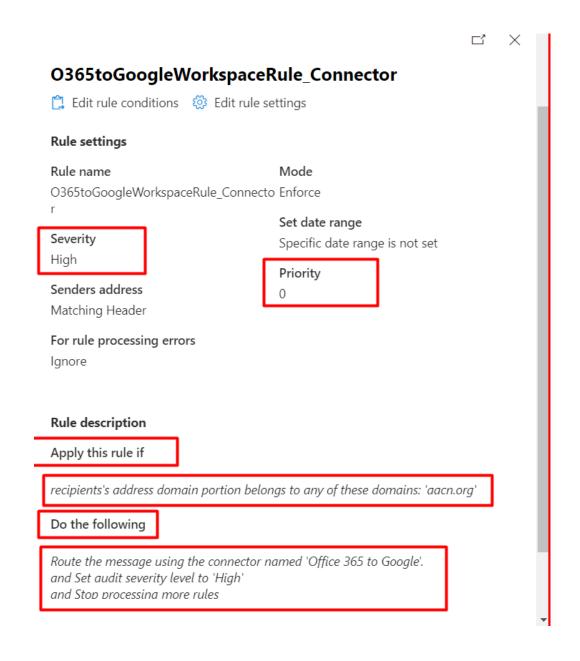
Exchange admin-> Mail flow -> Rules -> create a rule:





18, Times Corporate Park, Thaltej,







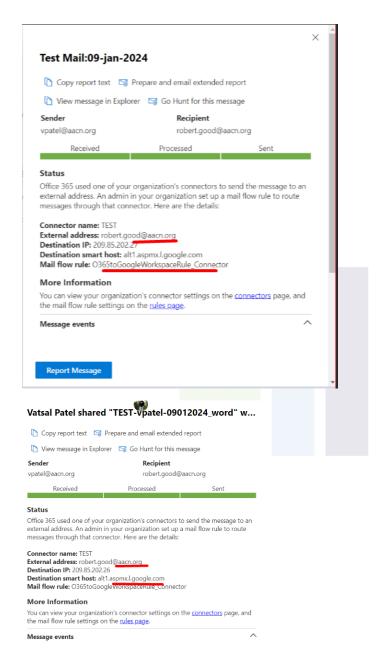
18, Times Corporate Park, Thaltej,

Vatsal.Patel@dynatechconsultancy.com Ahmedabad, India - 380059

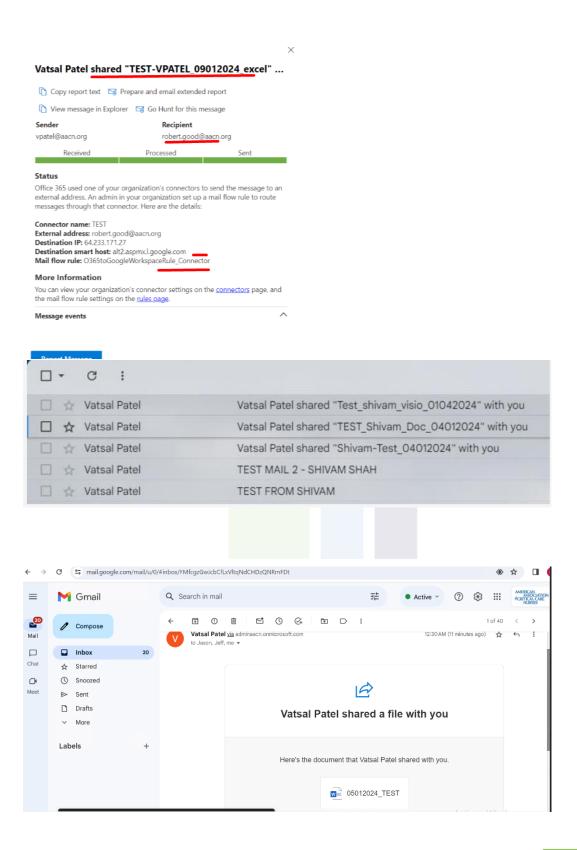


9. Once the rule is created, test/verify by sending emails and sharing files:

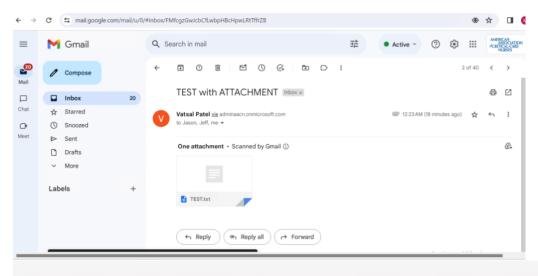
Verification:















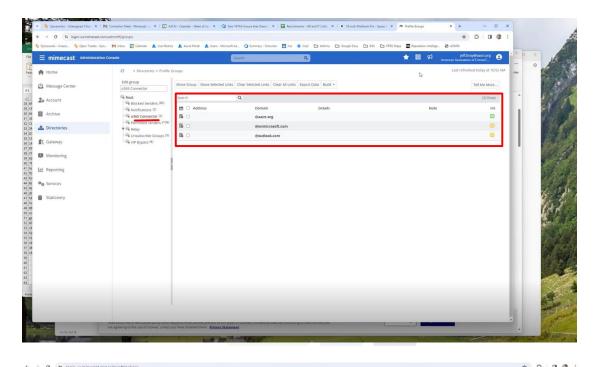


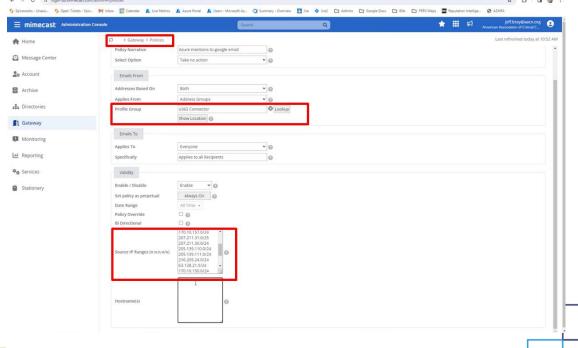
Below is the reference of Microsoft to white-list there exchange online IP addresses and domain in anti-spam and anti-spoofing at google workspace and Mimecast:

https://learn.microsoft.com/en-us/microsoft-365/enterprise/urls-and-ip-addressranges?view=o365-worldwide

(Above reference is managed by Microsoft and there can be modifications in future)

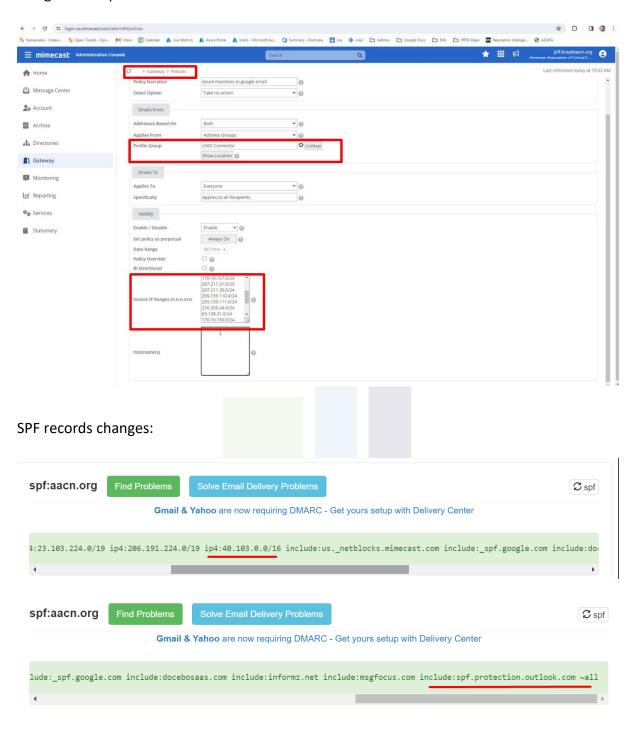
Mimecast:







Google Workspace:





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