# Function Send-ExchangeMail ()

## Description

Send an email using Exchange Web Services Api

## Examples

Send-ExchangeMail -ExchangeUserName “john@domain.org” -ExchangePassword $SecureStringPassword -ExchangeMailTo “contact@domain.net” -ExchangeMailTitle “Help me” -ExchangeMailBody $mailbody

$Return = Send-ExchangeMail -ExchangeAttachments “c:\documents\file1.txt;c:\pictures\image file 2.jpg” -ExchangeUserName $username -ExchangePassword $SecurePassword -ExchangeMailTo “comptability@domain.com;george@domain.net” -ExchangeMailTitle $subject -ExchangeMailBody '<p>Hello. This is a test mail.<br><br>Regards&nbsp;!</p>'

## Parameters

[string] **ExchangeWebServiceUrl** (*optional*) : Exchange server URL. Default is Office 365 server.

[string] **ExchangeWebServiceDll** (*optional*) : API DLL full path (Default = “C:\Program Files\Microsoft\Exchange\Web Services\2.2\Microsoft.Exchange.WebServices.dll”)

[string] **ExchangeUserName** : used as “From” email address and to connect to Exchange web service

[SecureString] **ExchangePassword** : Exchange user password, securestring format only

[string] **ExchangeMailTo** : “Outlook-like” semi-colon separated list of email addresses

[string] **ExchangeMailTitle** : “Subject” of the email

[string] **ExchangeMailBody** : Mail body, text-only or HTML

[string] **ExchangeAttachments** (*optional*) : semi-colon separated list of files full paths

## Inputs

None

## Outputs

$True = Sent, $False = Error + Exception message

## Notes

None

## Dependencies

Exchange Web Services API 2.2

## Todo

* Add « Cc » recipients
* File objects as input (pipeline)

# Function New-ExchangeMeeting ()

## Description

Create a Meeting using Exchange Web Services Api

## Examples

New-ExchangeMeeting -ExchangeUserName “john@domain.org” -ExchangePassword $password -ExchangeMeetingTitle “Presentation” -ExchangeMeetingBody $body -ExchangeMeetingStartDate '202012031605' -ExchangeMeetingEndDate '202012031725'

$MeetingId = New-ExchangeMeeting -ExchangeUserName $username -ExchangePassword $password -ExchangeMeetingTitle $title -ExchangeMeetingBody '<p>Hello. This is a test meeting.<br><br>Regards&nbsp;!</p>' -ExchangeMeetingStartDate '202012031605' -ExchangeMeetingEndDate '202012031725' -ExchangeAttachments “c:\documents\file1.txt;c:\pictures\image file 2.jpg”

## Parameters

[string] **ExchangeWebServiceUrl** (*optional*) : Exchange server URL. Default is Office 365 server.

[string] **ExchangeWebServiceDll** (*optional*) : API DLL full path (Default = “C:\Program Files\Microsoft\Exchange\Web Services\2.2\Microsoft.Exchange.WebServices.dll”)

[string] **ExchangeUserName** : used as Owner email address and to connect to Exchange web service

[SecureString] **ExchangePassword** : Exchange user password, securestring format only

[string] **ExchangeRequiredAttendees** : “Outlook-like” semi-colon separated list of email addresses

[string] **ExchangeOptionalAttendees** (optional) : “Outlook-like” semi-colon separated list of email addresses

[string] **ExchangeMeetingTitle** : “Subject” of the meeting

[string] **ExchangeMeetingBody** : Meeting message body, text-only or HTML

[string] **ExchangeMeetingStartDate**: Meeting start date, format YYYYMMDD

[string] **ExchangeMeetingEndDate** : Meeting message body, text-only or HTML

[string] **ExchangeAttachments** (*optional*) : semi-colon separated list of files full paths

## Inputs

None

## Outputs

String with Id of the created meeting, or Null + Exception message if creation failed

## Notes

None

## Dependencies

Exchange Web Services API 2.2

## Todo

* File objects as input (pipeline)
* Add « -ExchangeMeetingIsTeams » parameter

# Function Edit-ExchangeMeeting ()

## Description

Modify an existing Meeting using Exchange Web Services Api

## Examples

Edit-ExchangeMeeting -ExchangeUserName “john@domain.org” -ExchangePassword $password -ExchangeMeetingBody “Modified meeting body message” -ExchangeMeetingId “BAAAAIIA4AB0xbcQGoLgCAAAAABLH8CjP87WAQAAAAAAAAAAEAAAADA99jEdyitLqpMM8yghhMU=”

$MeetingId = Edit-ExchangeMeeting -ExchangeUserName $username -ExchangePassword $password -ExchangeMeetingTitle “Postponed Meeting” -ExchangeMeetingBody '<p>Hello. This is a modified test meeting.<br><br>Regards&nbsp;!</p>' -ExchangeMeetingStartDate '202012041705' -ExchangeMeetingEndDate '202012041825' -ExchangeMeetingId $MeetingId -ExchangeOptionalAttendees "georges@domain.net"

## Parameters

[string] **ExchangeWebServiceUrl** (*optional*) : Exchange server URL. Default is Office 365 server.

[string] **ExchangeWebServiceDll** (*optional*) : API DLL full path (Default = “C:\Program Files\Microsoft\Exchange\Web Services\2.2\Microsoft.Exchange.WebServices.dll”)

[string] **ExchangeUserName** : used as Owner email address and to connect to Exchange web service

[SecureString] **ExchangePassword** : Exchange user password, securestring format only

[string] **ExchangeRequiredAttendees** (*optional*) : new “Outlook-like” semi-colon separated list of email addresses

[string] **ExchangeOptionalAttendees** (optional) : new “Outlook-like” semi-colon separated list of email addresses

[string] **ExchangeMeetingTitle** (*optional*) : new “Subject” of the meeting

[string] **ExchangeMeetingBody** (*optional*) : new Meeting message body, text-only or HTML

[string] **ExchangeMeetingStartDate** (*optional*) : new Meeting start date, format YYYYMMDD

[string] **ExchangeMeetingEndDate** (*optional*) : new Meeting message body, text-only or HTML

[string] **ExchangeMeetingId** : Id of the Meeting to modify

[string] **ExchangeAttachments** (*optional*) : new semi-colon separated list of files full paths

## Inputs

None

## Outputs

String with Id of the created meeting, or Null + Exception message if modification failed

## Notes

None

## Dependencies

Exchange Web Services API 2.2

## Todo

* Fix old attachments not deleted when adding new attachment
* File objects as input (pipeline)
* Add « -ExchangeMeetingIsTeams » parameter
* Add « add » and « remove » possibility for attendees and attachments

# Function Stop-ExchangeMeeting ()

## Description

Delete or Cancel a Meeting using Exchange Web Services Api

## Example

# Cancel meeting and send notification to attendees  
$MeetingState = Remove-ExchangeMeeting -ExchangeMeetingId $MeetingId -ExchangeUserName $username -ExchangePassword $password -ExchangeMeetingId "BAAAAIIA4AB0xbcQGoLgCAAAAAAp1gKGUsnWAQAAAAAAAAAAEAAAAHlrfMPoxtBGv8a7N7md0Zk="

# Delete meeting  
$MeetingState = Remove-ExchangeMeeting -ExchangeMeetingId $MeetingId -ExchangeUserName $username -ExchangePassword $password -ExchangeMeetingId $MeetingId -Delete $True

## Parameters

[string] **ExchangeWebServiceUrl** (*optional*) : Exchange server URL. Default is Office 365 server.

[string] **ExchangeWebServiceDll** (*optional*) : API DLL full path (Default = “C:\Program Files\Microsoft\Exchange\Web Services\2.2\Microsoft.Exchange.WebServices.dll”)

[string] **ExchangeUserName** : used as Owner email address and to connect to Exchange web service

[SecureString] **ExchangePassword** : Exchange user password, securestring format only

[string] **ExchangeMeetingId** : Id of the Meeting to delete

[switch] **Delete** (*optional*): “-delete” to completely delete Meeting

## Inputs

None

## Outputs

String with Id of the created meeting, or Null + Exception message if creation failed

## Notes

None

## Dependencies

Exchange Web Services API 2.2

## Todo

None