



Install and Configure EWS (Exchange Web Service) Send Mail

1) Firstly you need to have the following SQL Function in your IQX database:

```
ALTER FUNCTION "pears"."EmailProviderDetails"()
RETURNS long VARCHAR
BEGIN
    DECLARE rv long VARCHAR;
    DECLARE crlf CHAR(5);
    SET crlf = "char"(13)+"char"(10);
    -- RETURN null;    -- if not using EWS
    SET rv = 'EWS'+crlf; -- mandatory for EWS
    SET rv = string(rv,(SELECT (SELECT staff.Email || ';' FROM staff WHERE
Staff.staffid = UserStaffID ) || list(NUMBER,',' ORDER BY pt.name ASC) FROM
Phone AS p KEY JOIN PhoneType AS pt WHERE p.WhoID = UserStaffID AND p.Who =
'U' AND pt.Capabilities = 'E'),crlf); -- one or more sender addresses
separated by ; Use userstaffid to look up valid ones for logged in user.
    -- set rv=rv+'IQEWSSendMail.exe'+crlf; -- the program to call (with
full path if not either in system path or iqx.exe folder). Notepad.exe handy
for testing.
    SET rv = rv+'IQEWSSendMail.exe'+crlf; -- the program to call (with full
path if not either in system path or iqx.exe folder). Notepad.exe handy for
testing.

    -- All remaining lines are inserted into the <ServerDetails> block.
    SET rv =
rv+'<ExchangeServerUrl>https://pcname.domain.co.uk/EWS/Exchange.asmx</Exchan
geServerUrl>'+crlf; -- Example: https://TITANIC.iqx.co.uk/EWS/Exchange.asmx
    SET rv = rv+'<ExchangeVersion>2010</ExchangeVersion>'+crlf; -- You need
to specify the version of Exchange you are using.
    SET rv = rv+'<ExchangeServicePack></ExchangeServicePack>'+crlf; -- Add the
Exchange Service pack 1 or 2 or 3 etc. blank if none.
    RETURN rv
END
```

2) Add the following files to your IQX main program folder.

- 1) IQEWS.exe
- 2) Microsoft.Exchange.WebServices.dll
- 3) IQEWS.pfx

Error Reporting

Any error that occurs is written to the *.err file. This file can be found in the same folder as the files above



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Last update: **2017/11/16 21:57**

