

Exchange Connector

The vtenext Exchange connector, allows you to synchronize bi-directionally with Calendar, Tasks and Contacts.

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Installation requirements

Technology used:

- PHP
- Mysql
- Javascript










HW/SW requirements

- vtenext v18.05 or higher
- The connector does not require particular hardware specifications , you must take into account 4Mb of additional RAM to the vtenext server for each user
- Installed in the same machine where the vte resides
- The machine must be able to communicate with the Exchange server
- For the Exchange on premise server, the server certificate must be valid
- Request php soap library

Request for its installation

- Access via SSH to the vtenext server
- Access with web admin account to the vtenext application
- Temporary test mailbox on the Exchange server

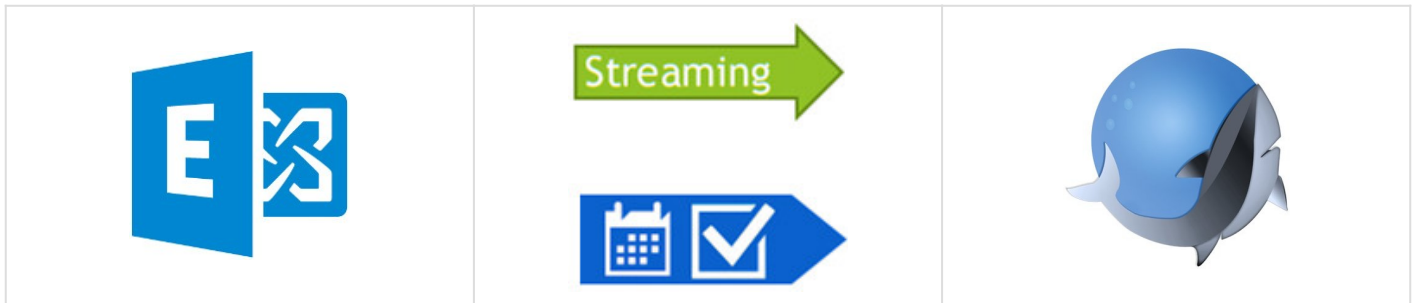
Functionality

Calendar appointments sync			
To do sync tasks			
Contacts sync: Contact synchronization is implemented unidirectionally from vtenext to Exchange. Considering that in CRM the deletion of a contact leads to the loss of links to entities related to it (e.g.: tickets, quotes, report visits, newsletter campaigns ...), it was decided to allow contact synchronization only from vtenext to Exchange and not the opposite. Furthermore, this avoids possible problems due to massive import of contacts from your address book, creating incomplete data problems (for example: not connected to any company registry) and potential duplicates.			

Synchronization flow

Synchronization flow from Exchange to vtenext

PHASE 1



Streaming channel always active between vtenext and Exchange.

PHASE 2



Arrival of an item from Exchange.

PHASE 3



Complete data reception and writing or editing of the element on vtenext.

Synchronitazion flow from vtenext to Exchange

PHASE 1



Sending of an item to Exchange in create / edit / delete.

PHASE 2



Receiving Exchange ID and writing in vtenext to have a reference.

Assignee management

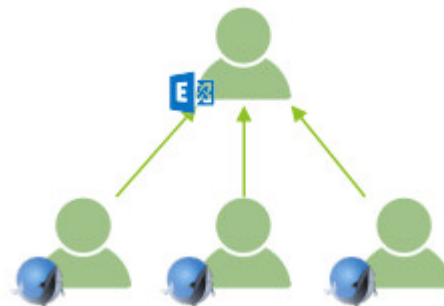
Group tasks management:
Distribution of group tasks to their members on individual Exchange accounts.



Group tasks management:
Management of modifications by the single user and status update to all members of the group.



Possibility of assigning contacts to a specific user by default.



Assigning contacts to a group of users.



Control Panel

- Control and setup of the error check and user initialization cron
- Server setup and authentication oAuth2 for Office 365
- Selector of functionalities to activate and of the sync mode of the contacts



Settings > Plugin Exchange
Plugin Exchange Settings

Mail Server Settings (SMTP)

EDIT

Cron Jobs

Active	Name	Status	Last Run	Run
<input checked="" type="checkbox"/>	ExchangeControlCron		2019-11-15 18:01:01	300 s

SAVE

Verbose Log (Debug)	No
Server Name	outlook.office365.com
Versione	Office365
Client ID	baabe26c-ba1b-48da-ba5a-5198d3a
Client Secret	eyJNNB@-/d[Z5PwIR9xsN94T/uQ3

Synchronization

Contacts Synchronization VTE -> Office 365	Yes
Events Synchronization VTE -> Office 365	Yes
Events Synchronization Office 365 -> VTE	Yes
Tasks Synchronization Office 365 -> VTE	Yes
Tasks Synchronization VTE -> Office 365	Yes
User on which to synchronize	Utente Assegnato al Contatto

User preferences

User preferences with Office 365 authentication

Uesste Admin Tesyr

Fotografia

Fotografia

MODIFICA

Exchange

5. Configurazione Calendario

Vista Calendario di Default
Questa settimana

Intervallo Promemoria
1 Minuto

Disabilita domenica nel calendario settimanale
SI

Condividi Calendario con

Formato Data
dd-mm-yyyy

Inizio giornata alle (hh:mm)
08.00

Primo giorno della settimana
Lunedì

Mostra Calendario utenti

6. Configurazione Asterisk

Estensione Asterisk

Receive Incoming Calls
NO

7. Opzioni Avanzate Utente

Webservice Access Key
GH00D7qvgXpGaglo

8. Exchange Connector

CONNECT TO EXCHANGE

User preferences with Office 365 authentication PopUp orAuth2 MS

Accesso all'account - Mozilla Firefox

https://login.microsoftonline.com/common/oauth2/v2.0/authorize?r...

Microsoft

m.martini@tesyr.ch

Immettere la password

Password

Ho dimenticato la password

Accedi con un altro account

Accedi

Accesso all'account - Mozilla Firefox

https://login.microsoftonline.com/common/login

Microsoft

m.martini@tesyr.ch

Autorizzazioni richieste

vtentext
vtentext.ch

Autorizzazioni richieste dall'app:

- View your basic profile
- Maintain access to data you have given it access to
- Access your mailboxes
- ☐ Acconsenti per conto dell'organizzazione

Se si accettano queste autorizzazioni, si consente all'app di usare i dati in base a quanto specificato nelle rispettive condizioni per l'utilizzo del servizio e nell'informativa sulla privacy. L'autore non ha fornito collegamenti per la verifica delle condizioni. È possibile modificare le autorizzazioni in https://myapps.microsoft.com. Mostra dettagli

Annulla Accetto

User preferences with authentication via ntlm or basic protocol for Exchange on premise



Fotografia

Fotografia



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8. Exchange Connector

Username

m.martini@tesyr.ch

Password

Availability sharing

This feature is available from vtenext version 19.10

Possibility of calendar sharing only available:

Condividi calendario con (solo occupazione)

Utenti Disponibili		Utenti Selezionati
aldo carlo paolo subaldo	AGGIUNGI >>	aldo (Aldo Sbaraglio) carlo (Carlo Spavaldo)
	<< RIMUOVI	

Organizer management in an event on invitation:

Priorita`	Orario creazione
Alta	15-10-2019 15:22:32
Orario modifica	Organizzatore
15-10-2019 15:22:32	subaldo (Subaldo Araldo)

Introduction of logics to avoid the modification or cancellation of events on invitation.

N.B.: Endless recurring event management (infinite).