



# People HR Holiday Sync Service

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## 1. Introduction

### **People HR Holiday Sync Service - Exchange**

The People HR Holiday Sync Service (HSS) is a tool designed to sync People HR holidays to Exchange server.

Currently, it is a one-way sync and supports Exchange 2010, 2013, 2016. It creates and updates existing holidays from People HR into your Exchange Server, and deletes all those holidays, which exist in Exchange server but have been deleted from People HR.

## 2. User Setup

### 1. Setup an Admin user with Permission in Exchange Server:

On the Exchange server side, you need to use an Admin mailbox user, to manage all of your user mailbox calendars. This way, we put in credentials of one user into the tool, to manage all of the users calendar folders.

For this, you need to grant permission on target mailbox user to this Admin mailbox like this:

```
Add-MailboxFolderPermission -Identity user1@domain.com:\calendar -  
user admin@domain.com -AccessRights Author
```

where [admin@domain.com](#) is the Admin mailbox and [user1@domain.com](#) is your mailbox with Calendar.

To grant calendar permissions for multiple users, like mailbox users from an OU, use following commands:

```
$mailboxes =get-mailbox -OrganizationalUnit 'OU_Name_Here';
```

```
Foreach ($mailbox in $mailboxes) { $calendar =  
(($mailbox.PrimarySmtpAddress.ToString()+ ":\Calendar") );$calendar; Add-  
MailboxFolderPermission $calendar -User admin@domain.com -AccessRights  
Author}
```

**\*\*Note:** Be careful and run each of the two commands as one line in **Exchange Management Shell.**\*\*

## 2. Create a query in PeopleHR

### 1. Create a query in People using the following instructions:

1.1 Add new query

1.2 Chose the fields below

1.3 Employee Details:

- First Name
- Last Name
- Work Email

1.4 Holidays:

- Holiday Start Date
- Holiday End Date
- Holiday Type
- Holiday Duration Type
- Part of the Day
- Holiday Duration (Days)
- Holiday Duration (Hrs)
- Holiday Comments
- Holiday Status
- Holiday Request Approver
- Holiday Approved By
- Holiday Request Date
- Holiday Last Action Date
- Holiday Added On
- Holiday Added By
- Deleted Holiday

### 3. Installation

Holiday Sync Service (HSS) consists of a Config App, and a Windows Service.

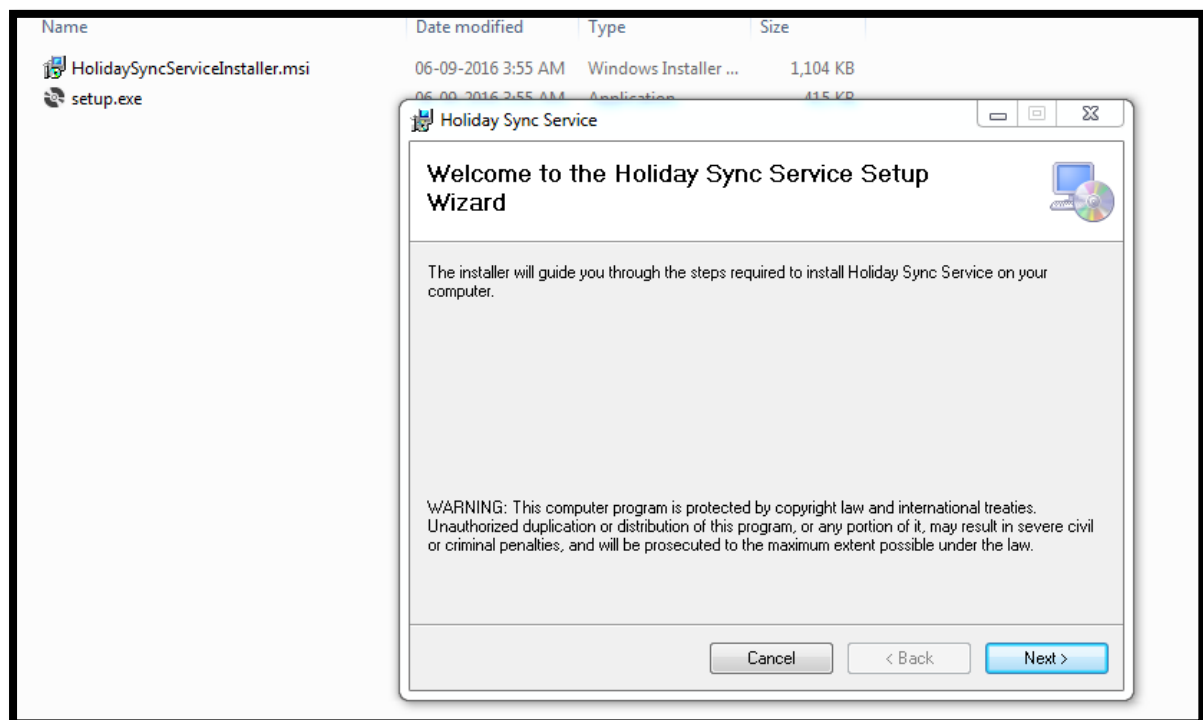
Download the tool from the below location -

<https://peoplehr.sharefile.com/d-s20fetc0a23e4bd7b>

Unzip the file, and run the setup.exe.

The config App is called 'Holiday Sync Service Config App', and manages all the settings for HSS. It reads and writes all the settings to HolidaySyncService.config file, placed in the installation location, which by default is:

C:\Program Files\PeopleHR\Holiday Sync Service



Click Next, 3 times, to setup at default location. Otherwise, you can modify this to install this to a different location.

Now open 'Holiday Sync Service Config' app from 'Start -> People HR location', and fill in the Exchange Server and the People HR connection details.

Configuration

Exchange Server and People HR Config

Server: 192.168.1.12

Admin: admin@peoplehr.com

Password: \*\*\*\*\*

Service Url: https://192.168.1.12/EWS/Exchange.asmx

Exchange Version: 2010

TimeZone: (UTC) Dublin, Edinburgh, Lisbon, London

Service Interval: 5

People Api Key: b|bf46ec-0022-4891-93ad-4115b2a73ea1

Exchange Holiday Deletion Time Window

No of Days in Past: 15

No of Days Ahead: 29

Save

Here is the explanation of each of the parameter:

#### Exchange Server and People HR config:

**Server:** Exchange Server IP or Host name.

**Admin:** Admin mailbox email address or login ID.

**Password:** Admin mailbox password.

**Service Url:** Read only field, showing Exchange Web Services API endpoint from Exchange Server.

**TimeZone:** Time Zone of your outlook client, or exchange server.

**Service Interval:** A value in minutes, after which service schedule repeats itself to sync the holidays.

**People API Key:** Your People HR Key to retrieve holiday records from People HR system.

#### Exchange Holiday Deletion Time Window:

## People HR Holiday Sync Service

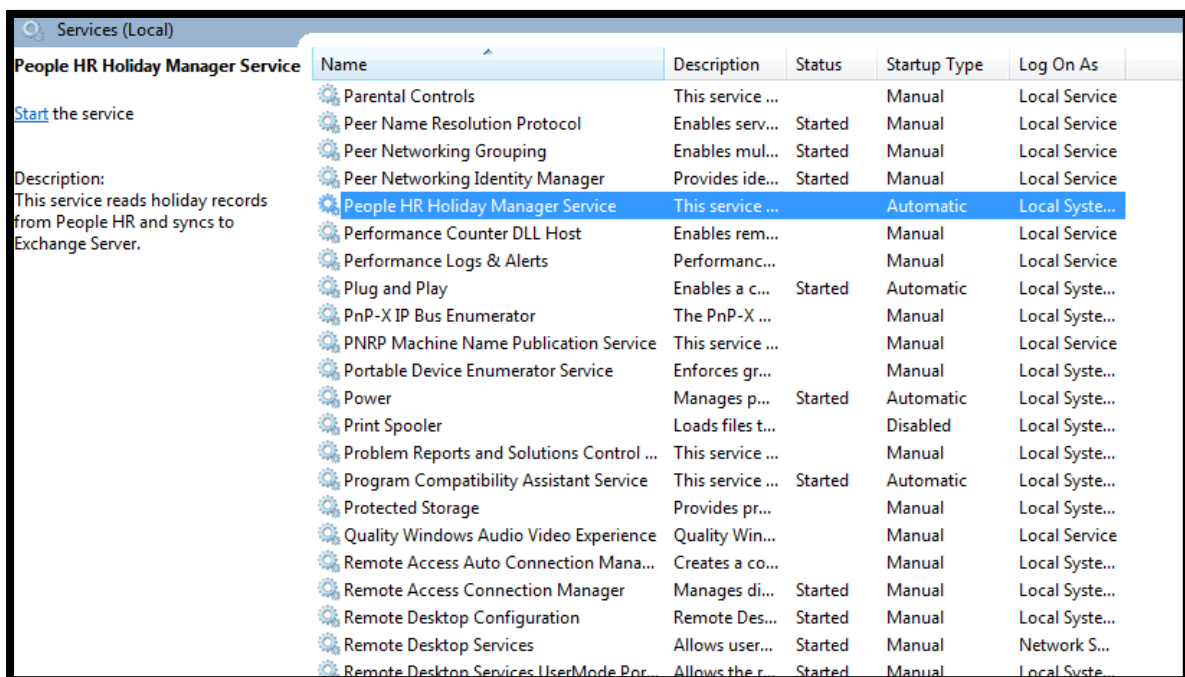
To delete non-existing people HR holidays from Exchange Server, the sync service retrieves holidays from your Exchange Server using a time window (start and end times)

It then deletes those holidays which exist in Exchange server, but not in People HR system:

**No: Of Days in Past:** This is used to create Start date to retrieve the holidays from exchange server.

**No: Of Days Ahead:** This is used to create End date to retrieve the holidays from exchange server.

After this, you need to start the service. Open Windows Services Manager console. Locate 'People HR Holiday Manager Service' and start it.



After this, you can monitor the service progress by looking at the log files created by the service.

Log files are created inside 'Logs' folder at installation path.



## 4. Troubleshooting

If the holidays from People are not being synced to your exchange server check the log file in the logs folder in your installation path.

If you see the following error “Error occurred while checking existence of holiday: Exception occurred: The request failed. The remote server returned an error: (401) Unauthorized. IE: The remote server returned an error: (401) Unauthorized.” then please follow these 3 steps:

1. Verify that admin user and password are correct.
2. If service doesn't work with correct credentials, then use ADomain\samAccountName of people HR user as Admin
3. Please browse EWS service URL in browser, mentioned on config UI, ending in exchange.asmx, and when it asks for user name and password, then enter credentials for people HR user. See if you can view EWS Service XML schema. (If not, then either credentials are invalid or you don't have EWS API access).