



COM Add-in 4.0 Installation Guide

Version: 1.10

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Manual Installation

NOTE: If you are running a Resource Central backend version older than HF7 (v3.8.0006.0002) and cannot update), please contact Add-on Products for support on how to retrieve and install the webservice.

Requirements

Go to [System Requirements](#) page in Add-On Products website to have an overview of System requirements for Resource Central (RC).

Step-by-step installation of RC COM Add-in

NOTE: It is required to perform the manual installation with Local Administrative rights.

Step 1- Double click the Add-in installer file (.msi). Welcome dialog of set up wizard will show up as shown below:



Figure 1. Welcome Screen

Step 2- Click 'Next' button. This will display the following screen.

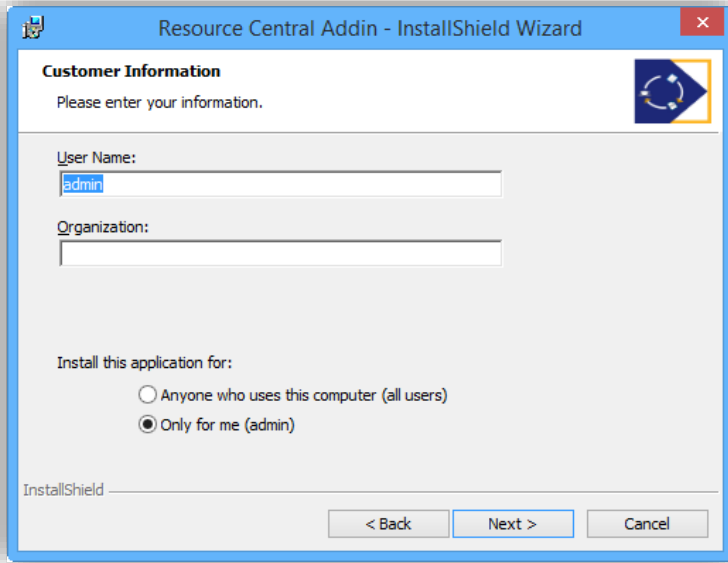


Figure 2. Customer Information

Step 3- At this screen, you will have to specify the Availability of the RC COM Add-in.

If you select '**Anyone who uses this computer**', then whoever logs on to this machine will be able to use the RC COM Add-in application from MS Outlook.

In case, you opt for '**Only for me**', then only you (the person who is carrying out the installation) will be allowed to use the RC COM Add-in. If anyone else logs on to this machine, he/she will not be able to use the RC COM Add-in from MS Outlook.

After making the appropriate selection, click '**Next**' to proceed to the next screen

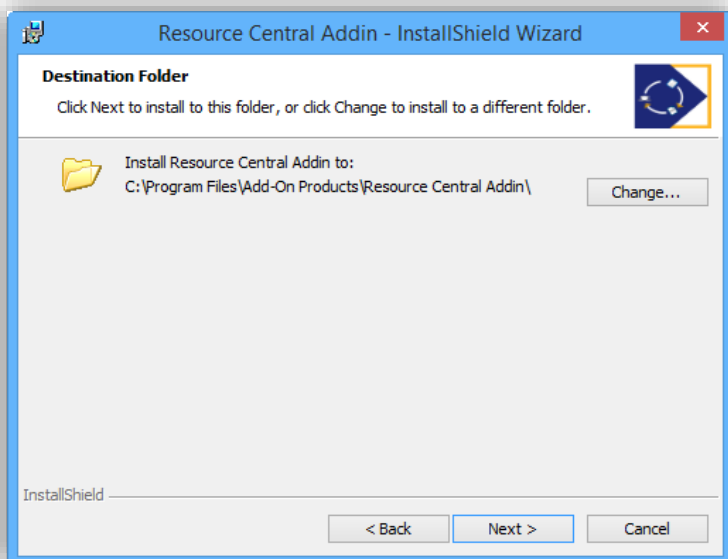


Figure 3. Destination Folder

Step 4- At this screen, you will have to specify the Installation Path where you want the RC COM Add-in to be installed.

By default, RC COM Add-in is installed in this folder path: **C:\Program Files\Add-On Products\Resource Central Addin**

In case you want to install the RC COM Add-in on a customized path, Press 'Change...' button, which will display 'Browse for Folder' dialog as shown below:

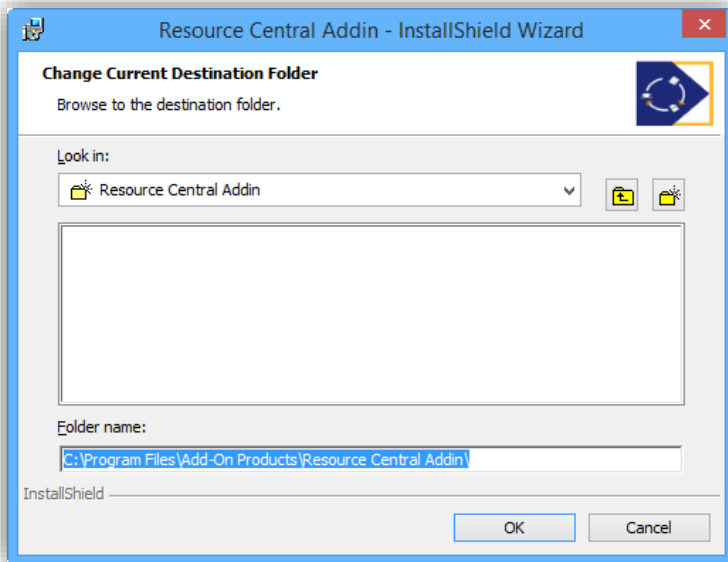


Figure 4. Specify Installation Folder

Select the desired path and press 'OK'

Step 5- Click 'Next'. 'Confirm Installation' screen will show up as shown below.

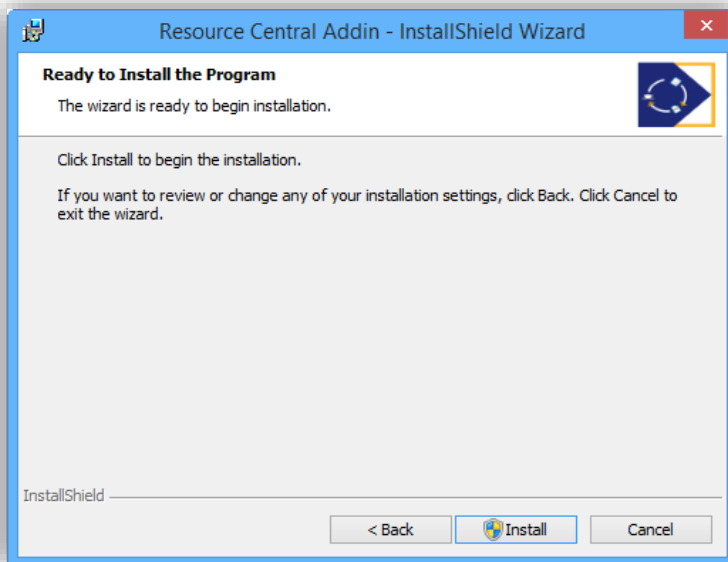


Figure 5. RC Ready to Install

Step 6- Click 'Install' to begin the installation of RC COM Add-in. A screen will pop up (shown below) with progress bar mentioning that 'Resource Central Addin is being installed'. Wait for a moment, setup will allow you to proceed further (by enabling 'Finish' button) when progress bar will be traversed completely

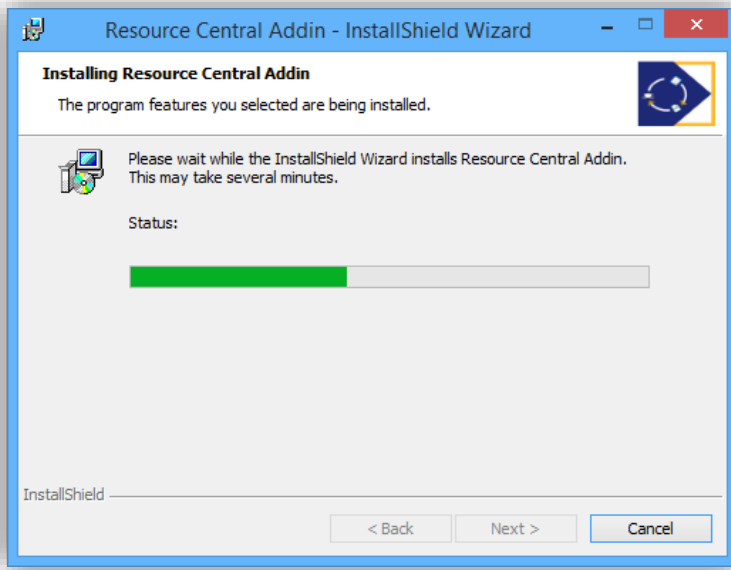


Figure 6. Installation in Progress

Step 6- Click **'Finish'** to complete the installation. The RC COM Add-in has been installed.

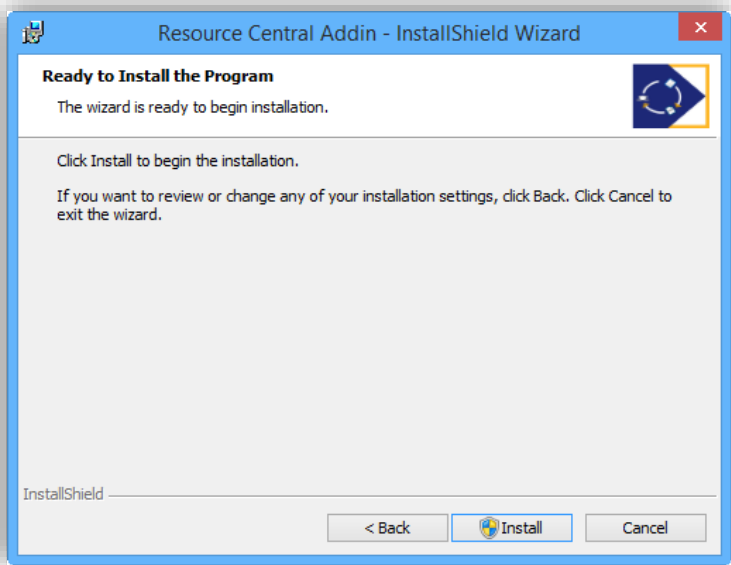


Figure 7. Installation Complete

Configure the Server & Application Name values for RC COM Add-in

Clicking on My Meetings or Resource Finder button (in new appointment window) for the first time after installation of RC COM Add-in will show the **"RC Web Application URL Screen"** as shown below:

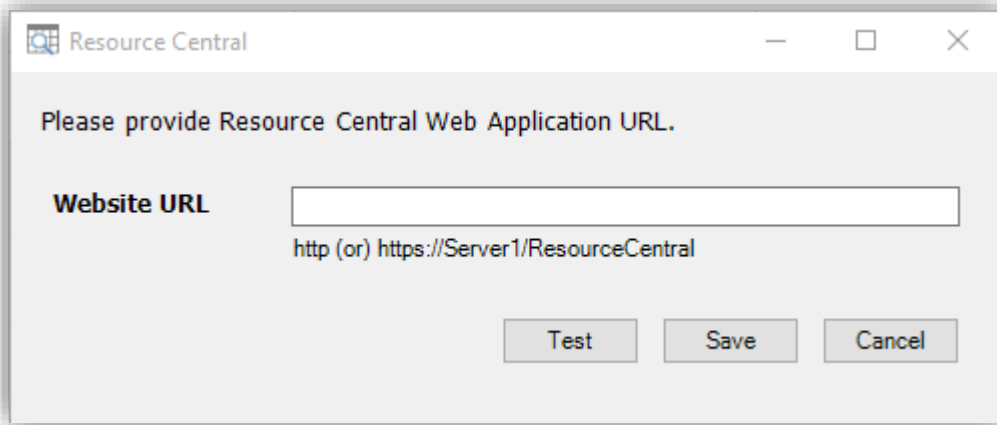


Figure 8. RC COM Add-in Configuration

NOTE:

- A. If your Web Application is running under “**https**” header, then before configuring the RC COM Add-in path, it is strongly recommended that you should install the Security Certificate. For details regarding the Security Certificate Installation, please refer to **Appendices → Security Certificate Installation** section in this document.
- B. This URL (either http or https) must be the same as the URL used by the Administrator to establish basic parameter.
- C. Some examples for the “**Website URL**” could be:
 - a. (NetBIOS) → e.g.: - <http://server1/resourceCentral/>
 - b. (FQDN) → e.g.: - http://server1.contoso.com/resourceCentral
 - c. IP address → e.g.: - <http://192.168.10.2/resourceCentral/>

Enter **Website URL** and then click ‘**Test**’ button. If the entered values are correct, the following screen will be displayed:

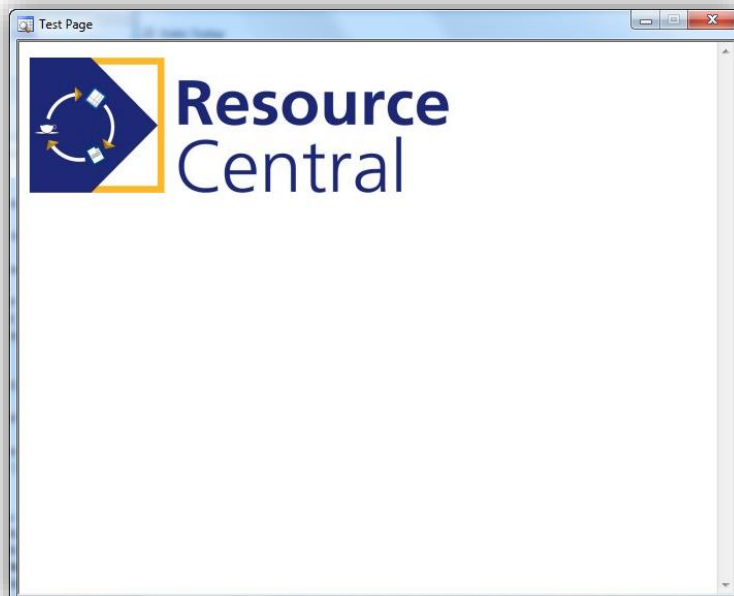


Figure 9. Test screen

Close this Test Page and click on ‘**Save**’ button on ‘**RC Web Application URL Screen**’. This step will save the RC Website URL and the respective ‘**Interface**’ value in that particular client machine’s registry. For details

regarding the actual registry paths, please refer to **Appendices → Registry Paths where RC COM Add-in configurations are saved** in this document.

As the RC COM Add-in Configuration values have been saved, the RC COM Add-in is ready to use.

Now you can access the **Resource Finder** application by clicking on “**ResourceFinder**” button in New Appointment window as shown below:

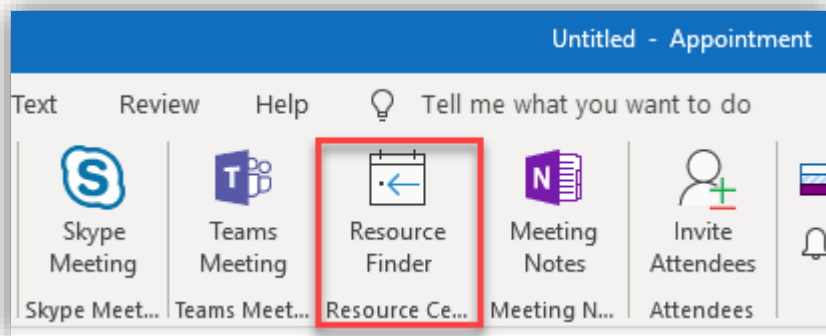
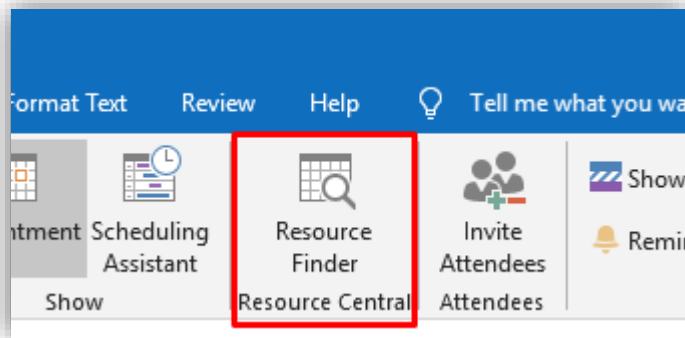


Figure 10. Resource Finder in Outlook 2016 and 2019

Mechanics of settings.xml file

In Resource Central, Settings.xml file is used to store Add-in configuration data.

Location of settings file

Location of settings file is as follows:

- **All users:** C:\ProgramData\Add-On Products\Resource Central\Add-in
- **Only me:** C:\Users\<user's name>\AppData\Local\Add-On Products\Resource Central\Add-in

Content of settings file

These configurations are stored in the settings file in order that users can make change as they wish:

```
<?xml version="1.0" encoding="utf-8"?>
<AddInConfiguration xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <DisableIEBrowser>0</DisableIEBrowser>
  <ResourceCentralURL />
  <DefaultLocation>-1</DefaultLocation>
  <AvailableResources>0</AvailableResources>
  <NumberOfNoEndDateOccurrences>5</NumberOfNoEndDateOccurrences>
  <RCVersion>3</RCVersion>
  <Language>en-US</Language>
  <UpdateSettings>1</UpdateSettings>
  <LogLevel>1</LogLevel>
  <AttendeeDisplayMode>0</AttendeeDisplayMode>
  <EnableEOWP>1</EnableEOWP>
</AddInConfiguration>
```

Figure 11. Settings file

Property Name	Value	Predefine deployment	Note
DisableIEBrowser	<ul style="list-style-type: none"> • 0 = Use Internet Explorer browser to open an external link in ResourceFinder or My Meeting (default value). • 1 = Use EO browser to open external link. 		Control add-in to use Add-in browser or Internet Explorer to open an external link in the ResourceFinder or My Meeting. See Appendix 1 for more details.
ResourceCentralURL	Example: http://RCWebServer/Resource Central	Yes (Refer to KB 208 for more details)	URL of Resource Central backend
DefaultLocation	Example: 47 <ul style="list-style-type: none"> • ID of location tree in RC (e.g. ID of root location is 47) • Default = -1 	Yes (Refer to KB 208 for more details)	This property is used to set a default location for the first use of ResourceFinder
NumberOfNoEndDate Occurrences	Default = 5		Number of occurrences shown in Resource Finder if Organizer books a no-end-date meeting
RCVersion	<ul style="list-style-type: none"> • 0 = Any version higher than RC 3.8 HF6 	Yes	Define RC backend compatibility for add-in

	<ul style="list-style-type: none"> • 1 = RC 3.7 VTC • 2 = RC 3.7.10 • 3 = RC 3.8 RTM and Hotfix 1/2/3/4/5 (This is default value) • 4 = RC 3.8 SR and HF6 	(Refer to KB 208 for more details)	
Language	<ul style="list-style-type: none"> • en-US = English • zh-CN = Chinese • da = Danish • de = German • nl = Dutch • fi = Finnish • fr = French • it = Italian • ja = Japanese • ko = Korean • nb = Norwegian • pt = Portuguese • ru = Russian • es = Spanish • sv = Swedish 		This property is used to store language after user launches ResourceFinder for the first time (language is read from the user's Outlook language setting).
UpdateSettings	<ul style="list-style-type: none"> • 0: The function is turned OFF. Add-in will not update "ResourceCentralURL" and "RCVersion" in Settings file • 1: The function is turned ON, Add-in sends request to backend web service and updates both "ResourceCentralURL" and "RCVersion" (This is default value) • 2: The function is turned ON, Add-in sends request to backend web service and updates "RCVersion" • 3: The function is turned ON, Add-in sends request to backend web service and updates "ResourceCentralURL" 	Yes (Refer to KB 208 for more details)	Control the update settings function in working with back end web service
LogLevel	<ul style="list-style-type: none"> • 1 = Error • 2 = Error + Warning • 3 = Debug 		Control log level of add-in
AttendeeDisplayMode	<ul style="list-style-type: none"> • 0 = Send all attendees to Resource Finder 		Control the way add-in sends attendees list to Resource Finder

	<p>when Resource Frinder is opened (This is default value)</p> <ul style="list-style-type: none"> • 1 = Send attendees to Resource Finder in batch (default 10 attendees at one – Control by parameter OrderForm.Attendees.PageSize) 		
EnableEOWP	<ul style="list-style-type: none"> • 1 = Use EOWP.EXE to create the child processes of Add-in browser engine. (This is default value) • 0 = Use Windows system file rundll32.exe to create the child processes of Add-in browser engine. 		<p>NOTE: This is for testing during new development, and it should not be changed.</p>

RC Add-in Logging

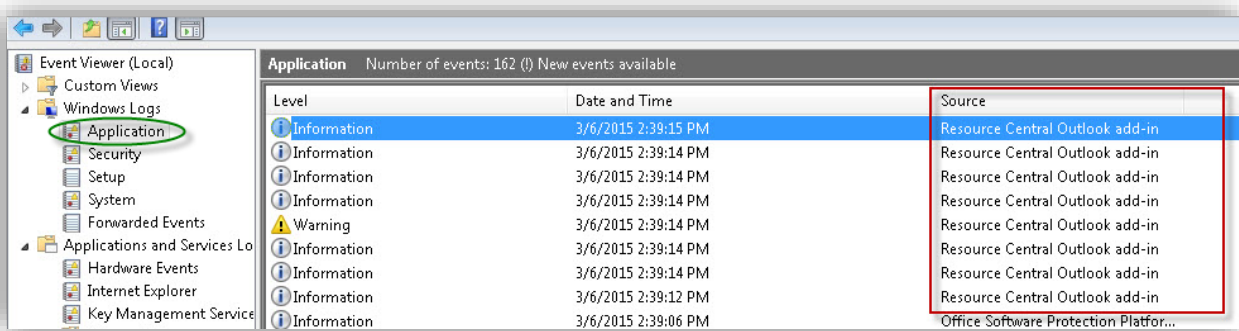
There are two scenarios:

- There has been no Resource Central (RC) add-in installed on the machine, and now RC add-in is installed.
- Older add-in exists on the machine, and now a newer add-in is installed on top of it.

The subsequent content clarifies where Add-in logs are stored in each scenario.

Scenario 1: Add-in is installed from scratch.

In this situation, add-in logs are archived in “Applications” entry under **Windows Logs** folder.



And this is the only place where RC add-in logs are archived.

Scenario 2: Add-in is installed on top of older version.

In this situation, the add-in logs of newer version are archived in “Applications” entry under **Windows Logs** folder. But legacy add-in logs (of older version) can still be found in “RC COM Add-in” entry under **Applications and Services Logs** folder.

So in this situation, add-in logs are found in two places:

Newer Add-in	“Applications” entry under Windows Logs
Older Add-in	“RC COM Add-in” entry under Applications and Services Logs folder. Contains legacy logs only.

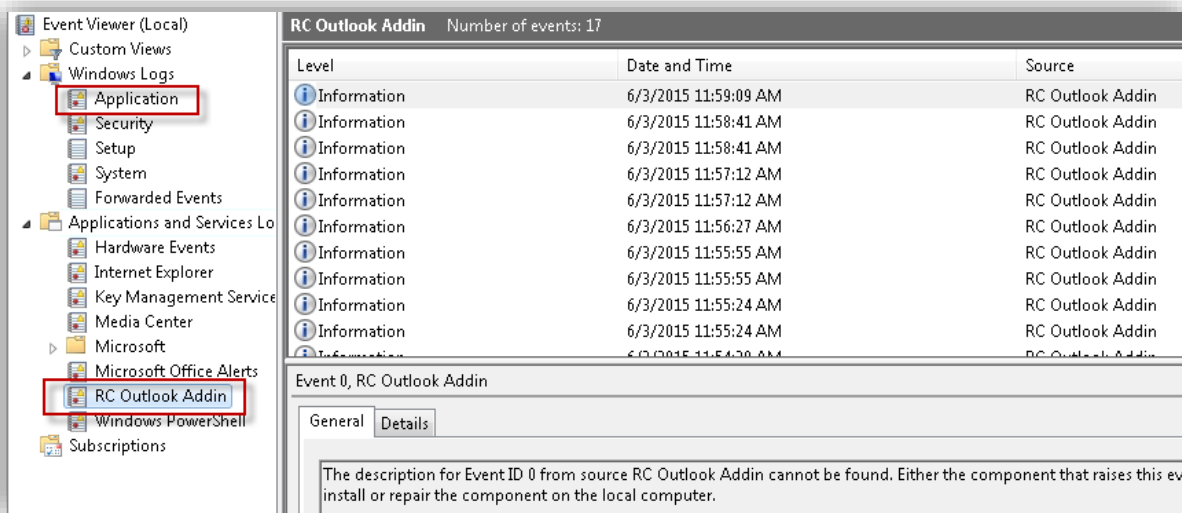


Figure 12. Event viewer

Mass deployment

Besides the manual deployment, the Add-in can be automatically deployed to multiple users in various ways.

For more details about other forms of Add-in deployment, refer to the following Knowledge Base articles:

- **KB 0208** - How to perform Add-in deployment using command line
- **KB 0209** - How to create a TRANSFORM file
- **KB 0210** - How to perform Add-in mass deployment using Group Policy Object

Predefine add-in configuration properties

During an automatic deployment the values of the following properties can be defined, if the default values needs to be changed.

E.g. there might be a need to point all users' Add-ins towards the RC backend URL address, so the users do not have to type in the URL address when launching the Add-in for the first time.

Property Name	Value	Note
RESOURCECENTRAL_URL	Example: http://RCWebServer/ResourceCentral	URL address of Resource Central backend
RC_WEB_VERSION	<ul style="list-style-type: none"> • 0 = Any version higher RC 3.8 HF6 • 1 = RC 3.7 VTC • 2 = RC 3.7.10 • 3 = RC 3.8 RTM and Hotfix 1/2/3/4/5 (This is default value) • 4 = RC 3.8 SR and HF6 	Define RC backend compatibility for add-in
ALLUSERS	1	Use this property with value "1" if Add-in is deployed for All users (per machine)
DEFAULT_LOCATION	ID of location tree in RC (e.g. ID of root location is 47) Refer to KB 0225 - How to retrieve location ID in Resource Central backend for more details	This property is used to set a default location for the first use of ResourceFinder
UPDATE_SETTINGS	<ul style="list-style-type: none"> • 0: The function is turned OFF. Add-in will not update "ResourceCentralURL" and "RCVersion" in Settings file • 1: The function is turned ON, Add-in sends request to backend web service and updates both "ResourceCentralURL" and "RCVersion" (This is default value) • 2: The function is turned ON, Add-in sends request to backend web service and updates "RCVersion" • 3: The function is turned ON, Add-in sends request to backend web service and updates "ResourceCentralURL" 	Control the update settings function in working with back end web service

Appendix

Appendix 1: Use of DisableIEBrowser property

By default, RC add-in uses IE browser (DisableIEBrowser = 0) to open a link in the ResourceFinder or My Meeting, RC html order form could contain a link to external service over the internet, the service link sometimes requires running in IE browser. By setting DisableIEBrowser = 1, add-in uses EO browser to open the link in a popup windows instead of IE browser.

