



EMC® Watch4net®

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Transaction Collector GUI Admin Guide

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Contents

Preface	iii
Purpose	iii
Intended Audience	iii
Document Organization	iii
Where to get help	v
1 Product Overview	1
2 Configuration	3

Preface

Purpose

This guide provides information about the configuration of the Transaction Collector GUI.

Intended Audience

This guide is meant to be read by any person who will configure and/or use the Transaction Collector GUI. Most of the documentation is embeded within the Transaction Collector GUI itself, since it's a web-based application. The only details covered in this document are those that are not specified in the in-line help of the module.

Document Organization

1. Product Overview	Briefly describes the product.
2. Configuration	Describes how to configure the GUI part of the <i>Transaction Collector</i>

Where to get help

EMC support, product, and licensing information can be obtained as follows:

PRODUCT INFORMATION - For documentation, release notes, software updates, or information about EMC products, go to EMC Online Support at:

<https://support.emc.com>

TECHNICAL SUPPORT - Go to EMC Online Support and click Service Center. You will see several options for contacting EMC Technical Support. Note that to open a service request, you must have a valid support agreement. Contact your EMC sales representative for details about obtaining a valid support agreement or with questions about your account.

Product Overview

The Transaction Collector GUI is a module designed specifically to assist users in creating valid configurations for the Transaction Collector, in an easy and guided way. It is possible to manually create and edit a configuration to add some transactions without using the Transaction Collector GUI (refer to the *APG-Transaction-Collector-Ad*, but the Transaction Collector GUI offers easier step-by-step guidance, as well as validation of the configuration, speeding up the time it takes to create a fully valid configuration.

The Transaction Collector GUI can retrieve configurations locally from running instances of Transaction Collector in order to edit them. When done, you can also push them back to the desired instances of the Transaction Collector or keep local copies of configurations for further editing at a later time.

2

Configuration

The Transaction Collector GUI can be used out of the box, after installation. However, a simple configuration file needs to be edited in order to be able to retrieve and push configurations from running instances of Transaction Collector within APG. This file is located in the directory at the following path:

`<APG/Custom/WebApps-Resources/<instance name>/transaction-collector-gui>`

The filename is `authentication.xml`.

This file contains the information needed in order to communicate with the Collector Manager instances able to manage the Transaction Collector instances that support the retrieve/push features. These features were introduced in the v1.2 of the Transaction Collector.

The communication between the Transaction Collector GUI and the different Collector Managers is established using a Web Service. This authentication file avoids the end-user having to provide the credentials for a particular Web Service on every action that requires it. The URL is the key used to fetch the data within the file. All the different hosts defined within this file will be available for each user that can access the Transaction Collector GUI.

Here's an example of a valid authentication file:

```
<?xml version="1.0" encoding="UTF-8"?>
<hosts xmlns="http://www.watch4net.com/APG/Configuration/ConfigurationManagement"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.watch4net.com/APG/Configuration/ConfigurationManagement_
authentication.xsd">

  <host url="http://10.12.2.21:40010/apg/Collecting/Collector-Manager/c3" user="ws-user" pass
    ="{970EC827DBACFE2636A615F4ECAD787830800729948130F8D783291114D24B808}" />
  <host url="http://10.12.2.21:40025" user="ws-user" pass="{97
    C450C5079CE5DBACFE2636A61E2605EF1D4787830800729948130F8D783291114D240D9F6518}" />
  <host url="http://10.18.2.21:40015" user="ws-user" pass="{970
    EC827C4EF72A7C8B50C5079CE52B8E3B9B808}" />
  <host url="http://10.44.2.21:40010/apg/Collecting/Collector-Manager/Default" user="ws-user"
    pass="{79CE5DBACFE2636A615F4ECAD158A6E2605EF1D47878308007}" />
  <host url="http://10.12.2.21:40011/apg/Collecting/Collector-Manager/Default" user="ws-user"
    pass="{970EC827C4EF72A7C8B50C5079CE5DBACFE2636A615F4ECAD158A6E2605}" />

</hosts>
```

The file can contain an unlimited number of `host` elements. One host corresponds to one Collector Manager. The needed username and password represents the credentials that were defined to connect to the Web Service of the corresponding Collector Manager. The password field can either be a plain text string, or an obfuscated string generated by the APG encryption tool.

Note: When the authentication file is updated, there is no need to restart the Transaction Collector GUI: the file will be re-read as soon as the timestamp of the file changes.