

G/On Field Deployment

The basics of enabling users to install G/On client software and enroll tokens

G/On 5.5

Document revision 1.0

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About this document

This document describes the basic procedure for enabling that users themselves can prepare a G/On token for use.

If you do not find the information you need in this document, you may want to look in the other documents in the G/On software documentation suite:

<http://www.giritech.com/int/Support-Download/Product-Download/G-On-5.5-Product-Download>



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G/On Field Deployment

Introduction

This document describes the basic procedure for enabling that users themselves can prepare a G/On token for use. The procedure includes the following steps:

- The G/On administrator prepares an installation program and makes it available for the users, e.g. on a shared drive, or via an URL on the intranet or internet.
- The G/On administrator specifies which users are allowed to request enrollment of tokens
- The G/On Administrator sends out token hardware to the users (optional – alternatively, the users can use their PC as an authentication token).
- The G/On user obtains the Installation program from the published location and runs the program. The program installs G/On client software on a token and sends a request to the G/On server, that the token be enrolled as a personal authentication factor for the user
- The G/On Administrator approves the enrollment request.

The document describes all of these steps.

The main target audience is the G/On administrator. However, the section which describes the end-user's part of the process can be used as a starting point for making customer specific documentation to be sent out to the end-users.

Note that some of the more advanced aspects of field deployment are not covered in here. See the section "Field Deployment – Advanced Setup" in G/On Setup and Configuration.

Before You Start

Please make sure that you have completed the following preparations, before starting on the process described in this document:

1. Install the Nullsoft scriptable install system on the G/On server. Get it here:
<http://nsis.sourceforge.net/Download>
2. Make sure that the setup of the G/On servers has been completed. See G/On Setup and Configuration.
3. If you change client connect addresses and/or ports, make sure to generate packages again, and then (re-)generate the client installation program. This procedure will ensure that the updated client contact information is included in the client installation program.

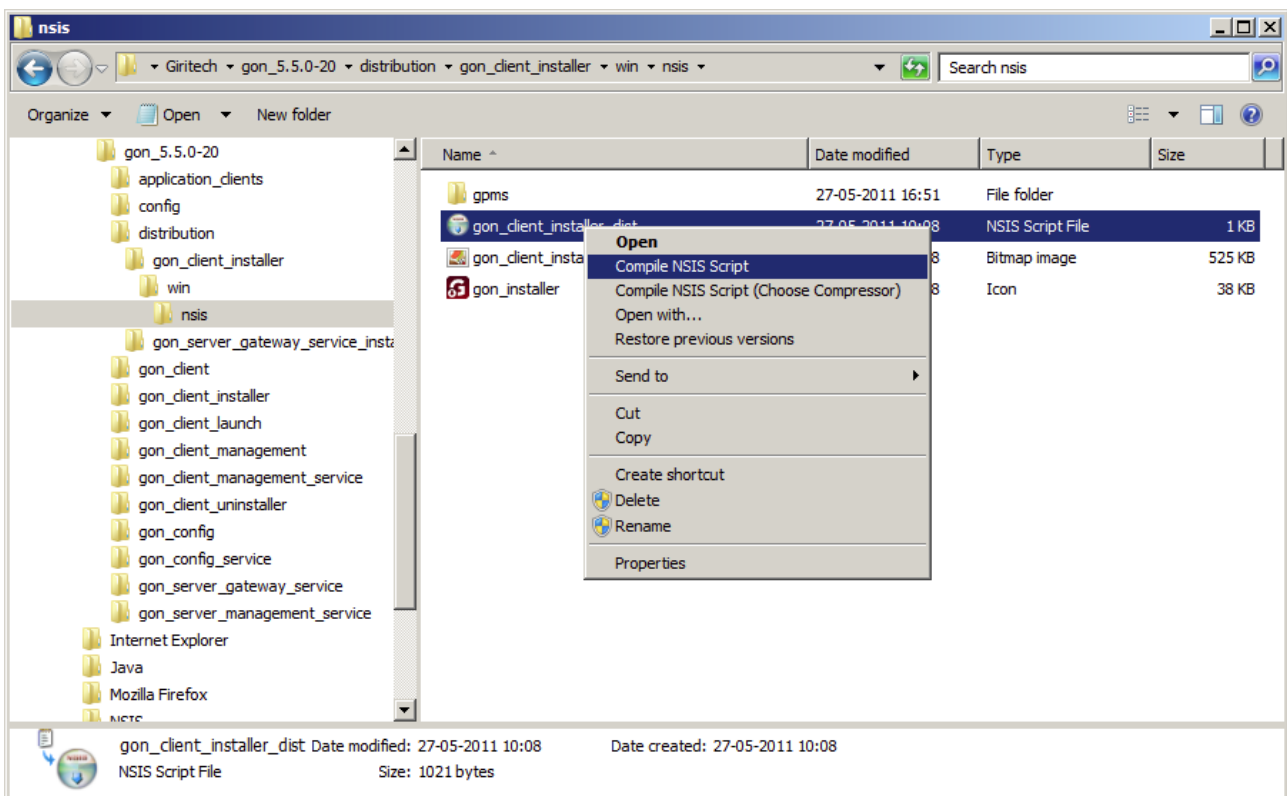
Preparation of the Client Installation Program

Use the Nullsoft installer (NSIS) to generate the G/On client installation program, as follows:

On Windows Server 2003, do not start the NSIS program. Simply right-click on:

```
distribution\gon_client_installer\win\nsis\gon_client_installer_dist.nsi
```

and select **Compile NSIS Script**.



On Windows Server 2008, start the NSIS program with Run as administrator. Then choose **Compile NSI scripts and File > Load Script...** and then specify:

```
distribution\gon_client_installer\win\nsis\gon_client_installer_dist.nsi
```

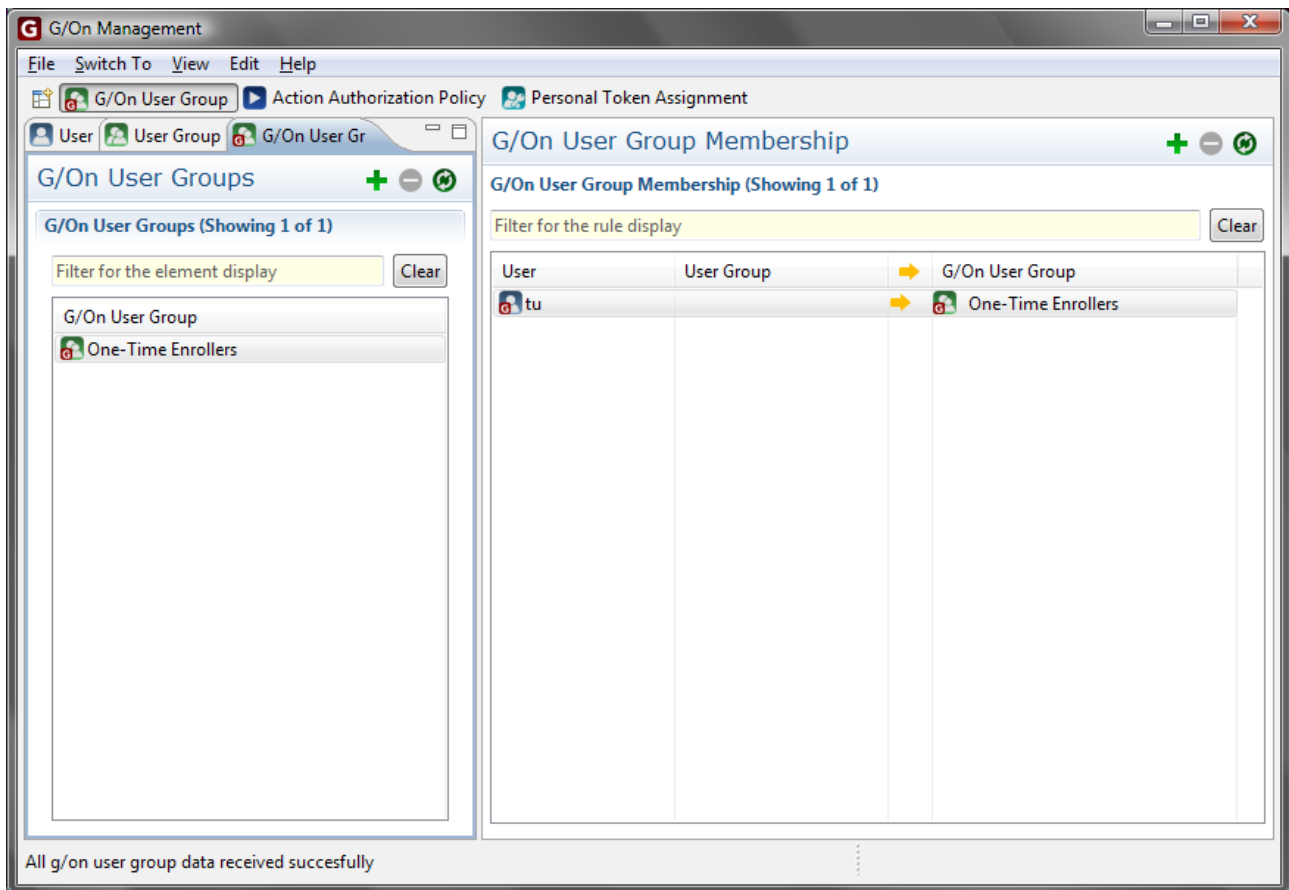
The resulting client installation program is placed here:

```
distribution\gon_client_installer\win\G-On Client Installer.exe
```

Make the client installation program available for users, e.g., on a shared network drive or an intranet or the internet.

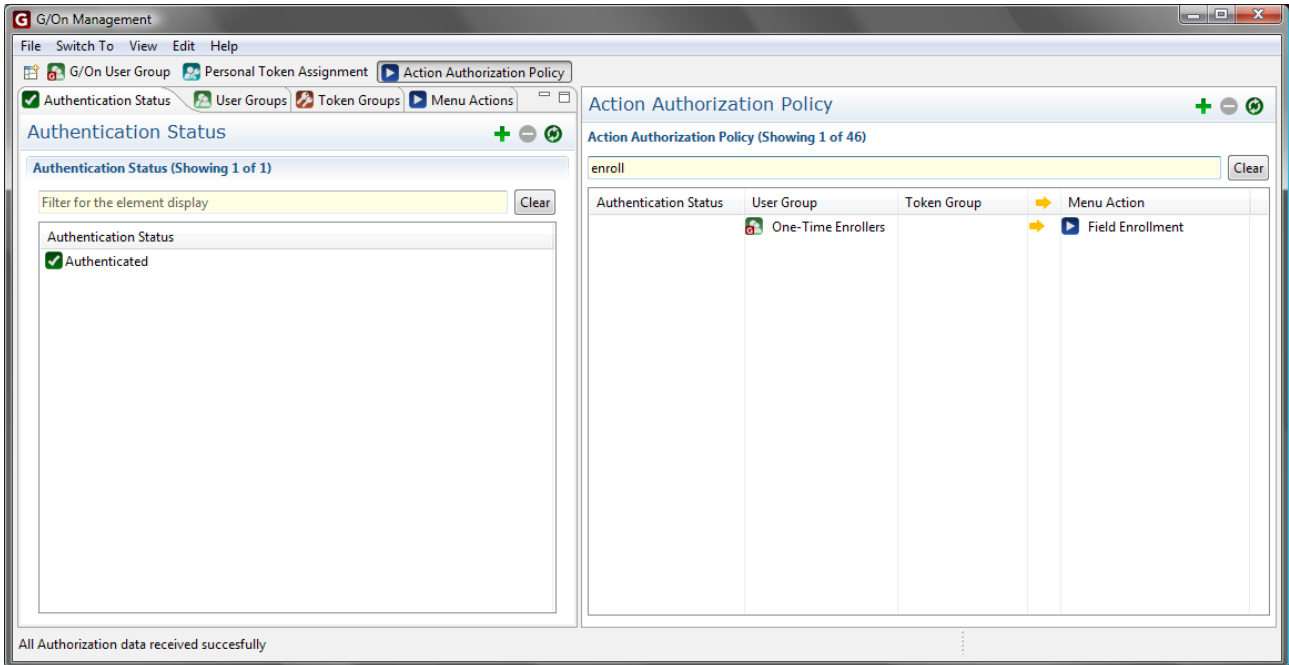
Defining which users can do field enrollment

Add users to the “One-time Enrollers” group.



Note: When a user has successfully submitted an enrollment request, he/she is automatically removed from the One-Time Enrollers group. So if the user should be allowed to enroll again, later, he/she must be added to the group once more.

Make sure, that there is an authorization rule specifying that one time enrollers are authorized to do the Field Enrollment action.



Note: If your system was upgraded from 5.3, you will have to create this rule, manually. When you create the rule, make sure to remove the premise: Authentication Status = Authenticated.

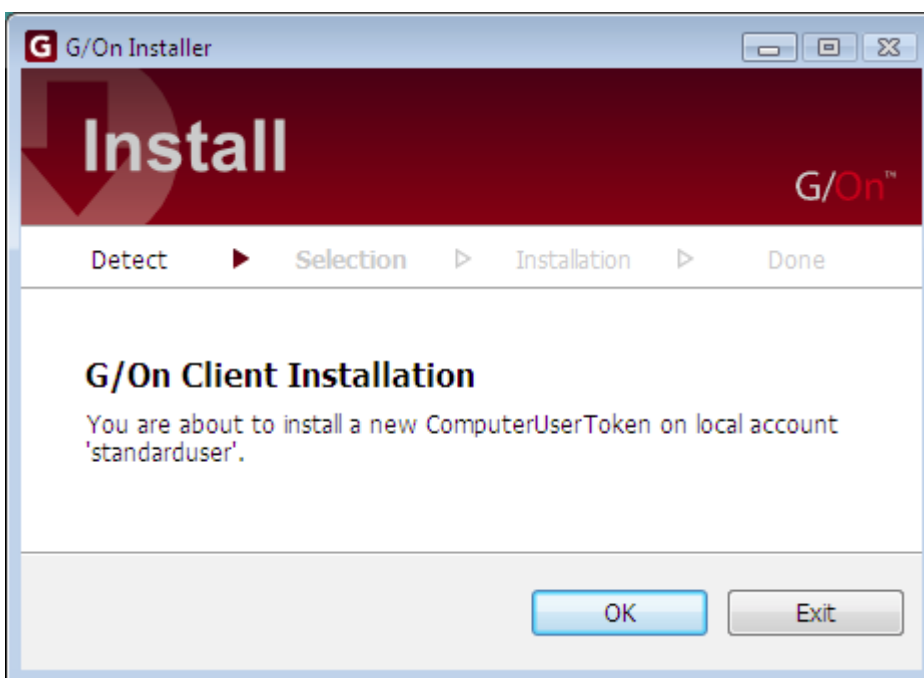
Using the Client Installation Program

The following description assumes that:

1. There are no hardware tokens inserted in the user's PC and
2. The user's PC is to be used as an authentication factor

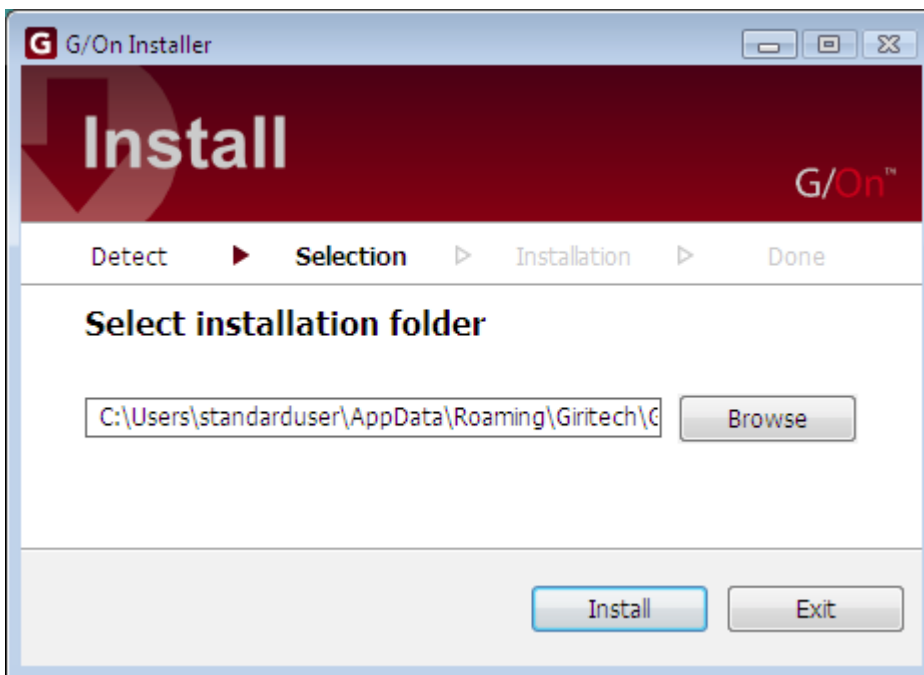
Step 1: Obtain the client installation program.

Step 2: Start the client installation program.



Note: The use of the computer as authentication factor achieved by installing a Computer User Token on the local user account indicated (an account on the user's PC). The Computer User Token will only be visible, when logged in to this local user account.

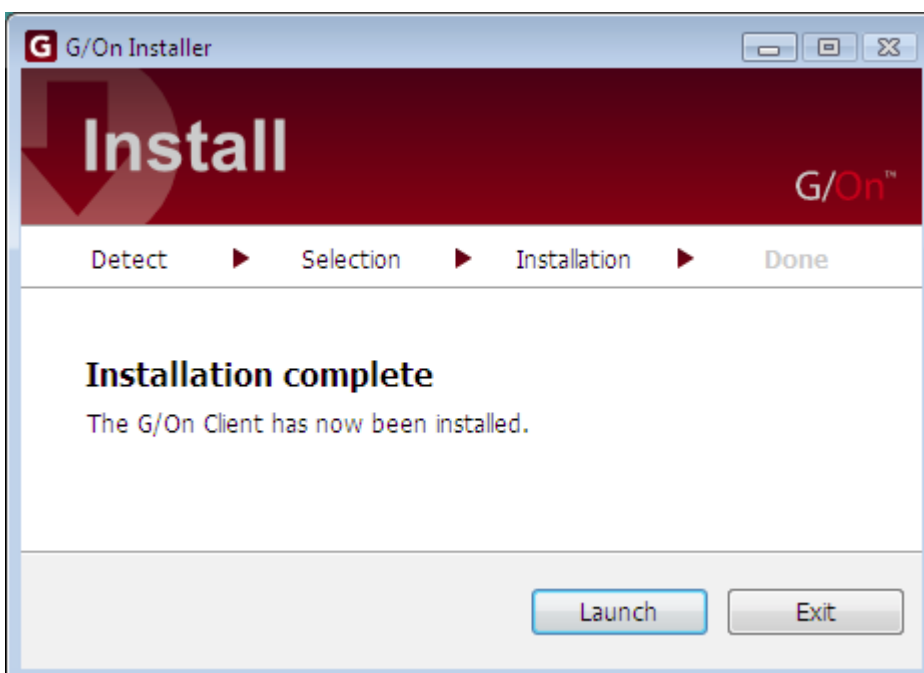
Click OK.



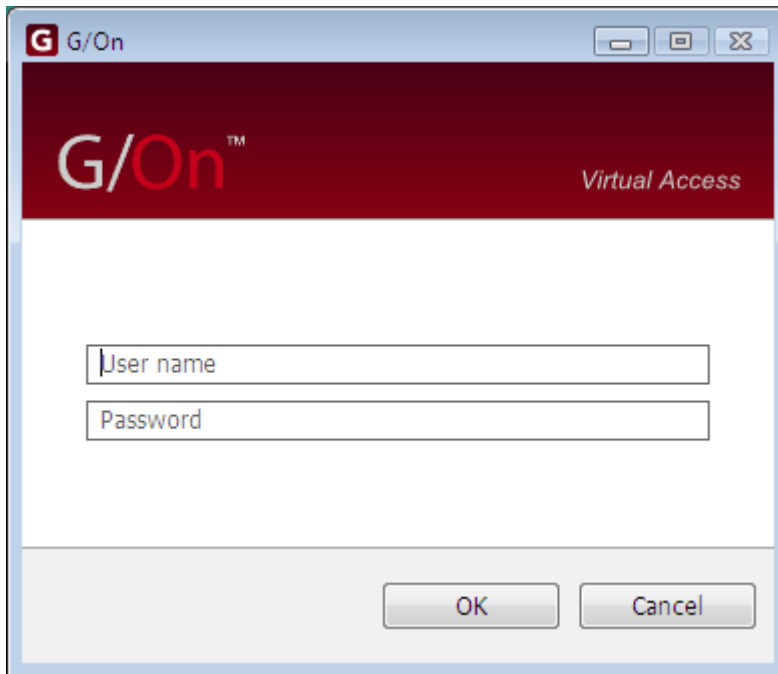
Note: This folder is automatically suggested by the installation program. The default is that the very last part of the folder name is: “G-On Client”.

Normally, this can be left as it is, but you can change the last part of the folder name, and thereby change the folder where the client is installed, which also is the name used in the Windows menu for starting the client.

Click Install.

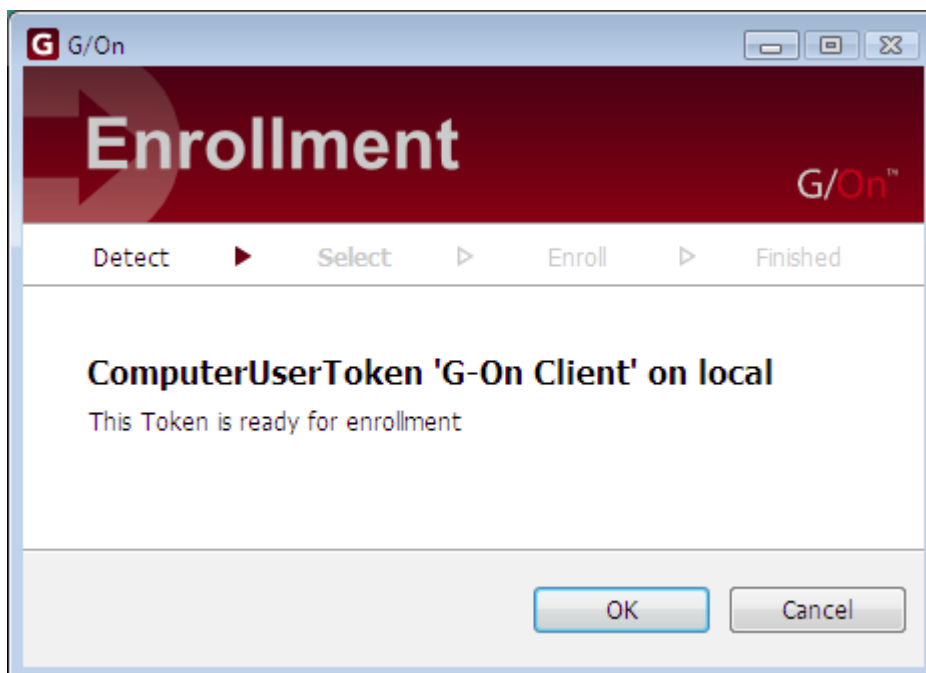


Click Launch.



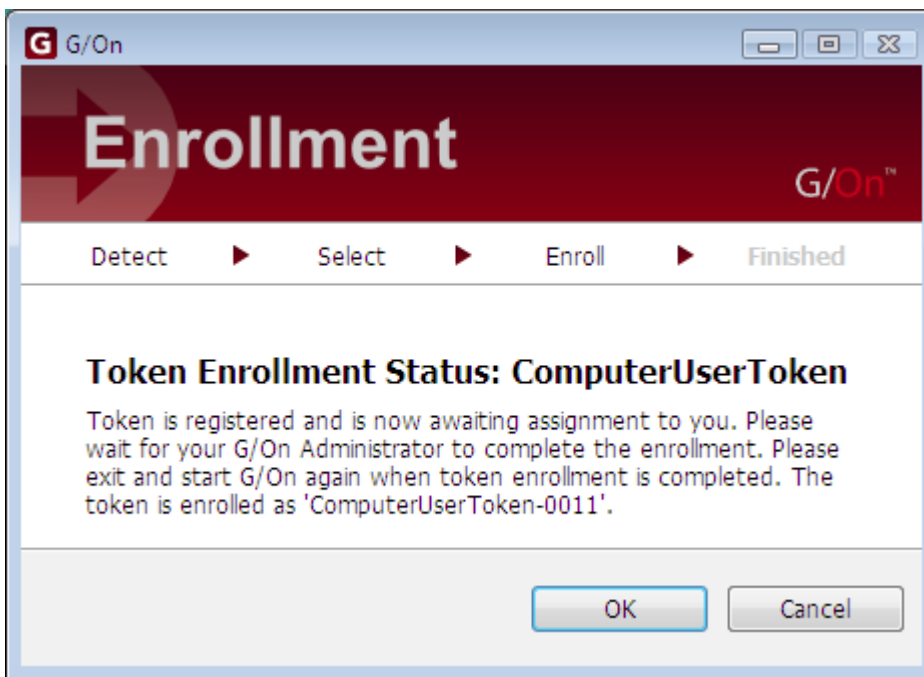
A screenshot of the G/On Virtual Access login dialog box. The window title is "G/On". The header bar is dark red with the "G/On™" logo on the left and "Virtual Access" on the right. Below the header, there are two text input fields: "User name" and "Password". At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

Log in with G/On user name and password.



A screenshot of the G/On Enrollment dialog box. The window title is "G/On". The header bar is dark red with a large "Enrollment" title on the left and the "G/On™" logo on the right. Below the header, there is a progress bar with four steps: "Detect", "Select", "Enroll", and "Finished". The "Detect" step is currently active. Below the progress bar, the text reads: "ComputerUserToken 'G-On Client' on local" and "This Token is ready for enrollment". At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

Click Next.



Click Next.

When the G/On administrator has approved the enrollment request (see below), the user can start the G/On client from the Windows Start menu, and log in.

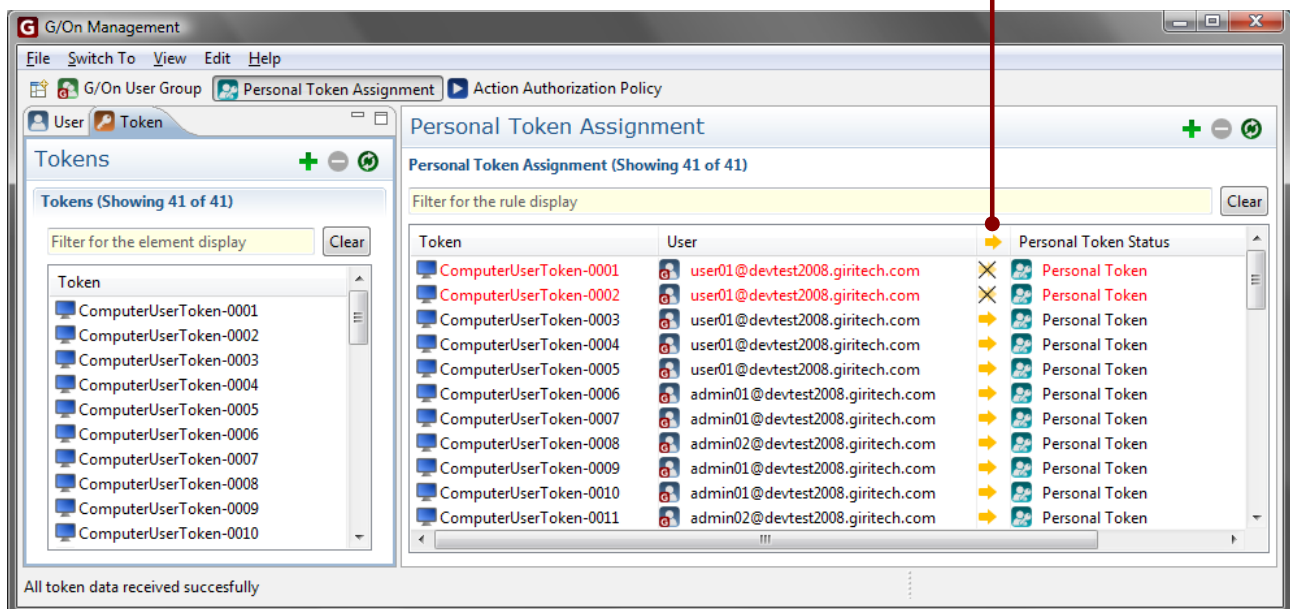
Approving Enrollment Requests

Open the Personal Token Assignment perspective.

Click to set focus in the Rule list, and press F5 to make sure that the Rule list shows the current data.

Find the inactive rules: the rules that are shown in red letters, and with a red line over the arrow.

Hint: In order to quickly find all inactive rules, you can click on the arrow in the header row - this will sort the rules according to activation status.



The enrollment requests are shown as inactive rules. To approve a request, simply make the rules active. To do this, right-click a rule and choose Toggle Activation, or use keyboard short cut: Ctrl+K.

Hint: Details about the PC, on which the Computer User Token has been created, can be viewed by double clicking on the Computer User Token in question, in the left-hand element pane showing Tokens (if the token is not shown, press F5 to refresh).

