

**NAME**

**fusioninventory-agent\_windows-x64\_2.3.2.exe** -- FusionInventory Agent 2.3.2 (x64 edition) Setup

**SYNOPSIS**

**fusioninventory-agent\_windows-x64\_2.3.2.exe** [/Option[ /Option[ ...]]]

**DESCRIPTION**

**fusioninventory-agent\_windows-x64\_2.3.2.exe** installs FusionInventory Agent 2.3.2 in your Microsoft Windows operative system.

**fusioninventory-agent\_windows-x64\_2.3.2.exe** has two types of installation; the **from-scratch** type, that allows to perform an installation of FusionInventory Agent from the beginning, based on the options' default values (see below), and the **from-current-config** type, that allows to perform an installation based on the options values of the FusionInventory Agent previously installed on the system, whether it exists (see **/installtype**). (Bear in mind that, with independence of the type of installation you choose, any existing release of FusionInventory Agent will be uninstalled automatically immediately before installing FusionInventory Agent 2.3.2)

**fusioninventory-agent\_windows-x64\_2.3.2.exe** also has two modes of installation; the *silent mode* (see **/S**), that allows to perform the installation of FusionInventory Agent in a non-interactive or unattended way, and the *visual mode*, that allows to perform the installation of FusionInventory Agent in a graphical and interactive way.

**fusioninventory-agent\_windows-x64\_2.3.2.exe** is provided with a series of options (see below) that allows to adapt the installation to practically any environment or need. To use these options properly it is essential to know the order in which values are taken into account. That order is as follows (the higher the number, the greater the priority).

- 0: Default values
- 1: Values from the current FusionInventory Agent (**from-current-config** installation type only)
- 2: Values from the command line
- 3: Values from graphic user interface (*graphic mode* installation only)

You should bear in mind the following when using the command line:

- \* There are two types of options; those that act as a switch (**/option**), and those that have a value (**/option=value**).
- \* The name of the options is case sensitive (**/html** is not the same that **/HTML**).
- \* The value of the options, unless otherwise specified, is not case sensitive (**/local=C:\Temp** is the same that **/local=c:\temp**).
- \* In the options that have a value,
  - there should be no separation around the equal sign (**/local = c:\temp** is incorrect).
  - if the value contains a space or the (/) character, should go between single (') or double (") quotes (**/local='C:\FusionInventory Agent'**).
  - if you want to set a empty value, you must indicate a empty string (**/local=''**).

These are the command line options available:

**/acceptlicense**

You accept and acknowledge that you have read, and understood, the terms and conditions of FusionInventory Agent 2.3.2 license. (By default: No)

You must use this option if you perform the installation in silent mode (see **/S**).

If you indicate this option on the command line, but not the **/S** option, the *visual mode* installation will omit any question about the license.

**/add-firewall-exception**

Adds FusionInventory Agent to the Windows Firewall exception list. (By default: No)

ToDo

**/backend-collect-timeout=timeout**

Timeout for task **Inventory** modules execution. (By default: 180 seconds)

**/ca-cert-dir=pathname**

Absolute path to the standard certificate directory of certificate authorities (CA). (By default: "")

The use of this option is incompatible with the use of the **/ca-cert-file** option. The **/ca-cert-dir** and **/ca-cert-file** options are mutually exclusive.

A *standard certificate directory* must contain the certificate files corresponding to different certificate authorities in Privacy Enhanced Mail (PEM) format, and their names must correspond to the hash value of the certificate's *subject* field, with extension \*.0.

For example, if you want to include the certificate file *FICert\_Class1.crt* in the directory *pathname*, you must calculate the hash value of the certificate's *subject* field using, for example, OpenSSL

```
C:\OpenSSL> openssl.exe x509 -in C:\FICert_Class1.crt -subject_hast -noout
b760f1ce
```

and afterwards, move or copy the certificate file to the directory *pathname* with the name *b760f1ce.0*.

```
C:\OpenSSL> move.exe C:\FICert_Class1.crt pathname\b760f1ce.0
```

#### **/ca-cert-file=filename**

Full path to the certificates file of certification authorities (CA). (By default: "")

The use of this option is incompatible with the use of the **/ca-cert-dir** option. The **/ca-cert-dir** and **/ca-cert-file** options are mutually exclusive.

*filename* must have extension *\*.pem* (Privacy Enhanced Mail) and can contain one or more certificates of certificate authorities. To concatenate multiple certificate files into one file you can make use, for example, of the command *copy*.

```
C:\> copy.exe FICert_Class1.crt+FICert_Class2.crt FICerts.pem
```

#### **/ca-cert-uri=URI**

*URI* from where to obtain the file or files of certificate of authorities (CA). (By default: "")

The use of this option requires the joint use of the **/ca-cert-dir** or **/ca-cert-file** options, but not both.

ToDo

#### **/debug=level**

Sets the debug level of the agent. (By default: 0)

*level* can be any of the following values:

```
0: Debug off
1: Normal debug
2: Full debug
```

#### **/delaytime=limit**

Sets an initial delay before first contact with a remote destination (see **/server**). This delay is calculated at random between *limit/2* and *limit* seconds. (Default: 3600 seconds)

This option is ignored for remote destinations after the first contact with each one, in favor of the specific server parameter (PROLOG\_FREQ).

The **/delaytime** option comes into play only if FusionInventory Agent runs in *server mode* (see **/execmode**).

#### **/dumphelp**

See **/help**.

#### **/execmode=mode**

Sets the agent execution mode. (By default: **Current**)

*mode* can be any of the following values:

```
Service: The agent runs as a Windows Service (always running)
Task: The agent runs as a Windows Task (runs at intervals)
Manual: The agent doesn't run automatically (no Service, no Task)
Current: The agent runs in the same way that the agent already installed runs
```

The mode **Service** is known also as *server mode*.

The mode **Task** is only available on Windows XP (or higher) and Windows Server 2003 (or higher) operative systems.

In the case of an installation **from-scratch** (see **/installtype**), the **Current** mode is a synonym of **Service**.

#### **/help**

This help. If the **/help** option is present, shows the help and aborts the installation.

You could prefer make use of the **/dumphelp** option instead of the **/help** option to get information. The **/dumphelp** option creates a RTF file with this help, and aborts the installation.

#### **/html**

Save the inventory as HTML instead of XML. (By default: No)

The `/html` option comes into play only if you have also indicated a value for the `/local` option.

#### `/httpd`

This option is the opposite of `/no-httpd`. See `/no-httpd` for more information.

#### `/httpd-ip=ip`

IP address by which the embedded web server should listen. (By default: 0.0.0.0)

#### `/httpd-port=port`

IP port by which the embedded web server should listen. (By default: 62354)

#### `/httpd-trust={ip|range|hostname}[,{ip|range|hostname}[...]]`

Trusted IP addresses that do not require authentication token by the integrated web server. (By default: 127.0.0.1/32)

`ip` is an IP address in dot-decimal notation (ex. "127.0.0.1") or in CIDR notation (ex. "127.0.0.1/32")

`range` is an IP address range in dot-decimal notation (ex. "192.168.0.0 - 192.168.0.255" or "192.168.0.0 + 255") or in CIDR notation (ex. "192.168.0.0/24")

`hostname` is the name of a host (ex. "itms.acme.org")

Bear in mind that `/httpd-trust` does not have to include the hostname part of those URIs that are set up in `/server` because they are tacitly included. The following is an example; both configurations are equal.

```
/httpd-trust="127.0.0.1/32,itms.acme.org"
/server="http://itms.acme.org/glpi/plugins/fusioninventory/"
```

```
/httpd-trust="127.0.0.1/32"
/server="http://itms.acme.org/glpi/plugins/fusioninventory/"
```

#### `/installdir=pathname`

Sets the installation base directory of the agent. (By default: C:\Program Files\FusionInventory-Agent)

`pathname` must be an absolute path.

ToDo

#### `/installtasks={task[,task[...]]|macro}`

Selects the tasks to install. (By default: **Default**)

`task` can be any of the following values:

```
Deploy: Task Deploy
ESX: Task ESX
Inventory: Task Inventory
NetDiscovery: Task NetDiscovery
NetInventory: Task NetInventory
WakeOnLan: Task WakeOnLan
```

There are three macros defined to simplify the mission, are the following:

```
Minimal: Inventory
Default: Inventory
Full: Deploy,ESX,Inventory,NetDiscovery,NetInventory,WakeOnLan
```

It should be noted that the **Inventory** task will be always installed and that the **NetDiscovery** and **NetInventory** tasks are inter-dependent. Nowadays **Minimal** and **Default** are the same configuration.

#### `/installtype={from-scratch|from-current-config}`

Selects between an installation from the beginning (**from-scratch**) or, whether the system has a previously installed agent, an installation based on the current configuration (**from-current-config**). (By default: **from-current-config**)

The installer automatically switches from **from-current-config** to **from-scratch** whether it's not able to detect a FusionInventory Agent previously installed on the system. This behaviour makes unnecessary to have to indicate `/installtype=from-scratch` to perform a FusionInventory Agent installation on those systems in which it doesn't exist previously and, at the same time, facilitates the update of FusionInventory Agent on those systems in which it exists.

#### `/local=pathname`

Writes the results of tasks execution into the given directory. (By default: "")

You must indicate an absolute pathname or an empty string (""). If you indicate an empty string, the results of tasks execution will not be written locally.

You can use the `/local` and `/server` options simultaneously.

**/logfile=filename**

Writes log messages into the file *filename*. (By default: C:\Program Files\FusionInventory-Agent\fusioninventory-agent.log)

You must indicate a full path in *filename*. The **/local** option comes into play only if you have also indicated **File** as a value of the **/logger** option.

**/logfile-maxsize=size**

Sets the maximum size of logfile (see **/logfile**) to *size* . (By default: 16 MBytes)

**/logger=backend[,backend]**

Sets the logger backends. (By default: File)

*backend* can be any of the following values:

**File:** Sends the log messages to a file (see **/logfile**)  
**Stderr:** Sends the log messages to the console

**/no-category=category[,category[...]]**

Do not inventory the indicated categories of elements. (By default: "")

*category* can be any of the following values:

**Environment:** Environment variables  
**Printer:** Printers  
**Process:** System's processes (has no effect on Microsoft Windows systems)  
**Software:** Software  
**User:** Users

If you indicate an empty string (""), all categories of elements will be inventoried.

**/no-html**

This option is the opposite of **/html**. See **/html** for more information.

**/no-httpd**

Disables the embedded web server. (By default: No)

**/no-p2p**

Do not use peer to peer to download files. (By default: No)

**/no-scan-homedirs**

This option is the opposite of **/scan-homedirs**. See **/scan-homedirs** for more information.

**/no-ssl-check**

Do not check server certificate. (By default: No)

**/no-start-menu**

Do not create the *FusionInventory Agent* folder on the Start Menu. (By default: No)

The *FusionInventory Agent* folder, whether it is created, it is for all users.

**/no-task=task[,task[...]]**

Disables the given tasks. (By default: "")

*task* can be any of the following values:

**Deploy:** Task Deploy  
**ESX:** Task ESX  
**Inventory:** Task Inventory  
**NetDiscovery:** Task NetDiscovery  
**NetInventory:** Task NetInventory  
**WakeOnLan:** Task WakeOnLan

If you indicate an empty string (""), all tasks will be executed.

**/p2p**

This option is the opposite of **/no-p2p**. See **/no-p2p** for more information.

**/password=password**

Uses *password* as password for server authentication. (By default: "")

The **/password** comes into play only if you have also indicated a value for the **/server** option.

**/proxy=URI**

Uses *URI* as HTTP/S proxy server. (By default: "")

**/runnow**

Launches the agent immediately after its installation. (By default: No)

**/S**

Silent installation. (By default: No)

You must accept the license in a explicit way (see **/acceptlicense**) if you perform the installation in silent mode.

**/scan-homedirs**

Allows the agent to scan home directories for virtual machines. (By default: No)

**/server=URI[,URI[...]]**

Sends results of tasks execution to given servers. (By default: "")

If you indicate an empty string (""), the results of tasks execution will not be written remotely.

You can use the **/server** and **/local** options simultaneously.

**/ssl-check**

This option is the opposite of **/no-ssl-check**. See **/no-ssl-check** for more information.

**/start-menu**

This option is the opposite of **/no-start-menu**. See **/no-start-menu** for more information.

**/tag=tag**

Marks the computer with the tag *tag* . (By default: "")

**/task-daily-modifier=modifier**

Daily task schedule modifier. (By default: 1 day)

*modifier* can take values between 1 and 30, both included.

The **/task-daily-modifier** option comes into play only if you have also indicated **Daily** as value of the **/task-frequency** option.

**/task-frequency=frequency**

Frequency for task schedule. (By default: **Hourly**)

*frequency* can be any of the following values:

**Minute:** At minute intervals (see option **/task-minute-modifier**)

**Hourly:** At hour intervals (see option **/task-hourly-modifier**)

**Daily:** At day intervals (see option **/task-daily-modifier**)

**/task-hourly-modifier=modifier**

Hourly task schedule modifier. (By default: 1 hour)

*modifier* can take values between 1 and 23, both included.

The **/task-hourly-modifier** option comes into play only if you have also indicated **Hourly** as value of the **/task-frequency** option.

**/task-minute-modifier=modifier**

Minute task schedule modifier. (By default: 15 minutes)

*modifier* can take the following values: 15, 20 or 30.

The **/task-minute-modifier** option comes into play only if you have also indicated **Minute** as value of the **/task-frequency** option.

**/timeout=timeout**

Sets the limit time (in seconds) to connect with the server. (By default: 180 seconds)

The **/timeout** option comes into play only if you have also indicated a value for the **/server** option.

**/user=user**

Uses *user* as user for server authentication. (By default: "")

The **/user** option comes into play only if you have also indicated a value for the **/server** option.

**EXAMPLES**

ToDo

**VERSION**

This help is current for version 2.2.9903 of FusionInventory Agent's installer for Microsoft Windows.

**REPORTING BUGS**

User Mailing List

<http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-user>

Devel Mailing List

<http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-devel>

Project Manager

<http://forge.fusioninventory.org/projects/fusioninventory-agent-windows-installer>

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**SEE ALSO**

FusionInventory Web Site

<http://www.fusioninventory.org/>

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