

## Miradore connector for F-Secure Policy Manager

### Version information

Connector version: 1.5.2  
 Released in Miradore version: 4.4.1  
 Release date: 17.01.2017 (estimated release date)

### Description

Connector for importing antivirus information from F-Secure Policy Manager

### Supported target systems

F-Secure Policy Manager 10.x - 12.2

### Software prerequisites

Policy Manager 10.x or later: PostgreSQL ODBC driver (can be installed during connector installation)

### Connector host computer

Must be installed on the same server with F-Secure Policy Manager

### Configuration changes made by the connector

Changes made by the installer:

Files

Creates a program folder (user configurable) and adds files

C:\Program Files (x86)\Miradore\Connectors\F-Secure

Registry (Policy Manager 10.x or later)

Configures Policy Manager database to allow local connections via ODBC. If this is already allowed, reads only

port for database connection. Installer adds '-DodbcConnector.pgPort=5435 -DodbcConnectorEnabled=true' to

registry value 'additional\_java\_args' in registry key HKLM\SOFTWARE\Data Fellows\F-Secure\Management Server 5

Scheduled tasks

Adds a scheduled task to run the connector (user configurable)

Services (Policy Manager 10.x or later)

Restarts 'F-Secure Policy Manager Server' service if user has checked 'Restart service automatically

during installation' check box in installer.

Changes made by the program itself

Files

Creates a log file into the log directory

### Configuration

Common configuration

Miradore server, instance, port and SSL information is entered when installing the connector.

These values are saved to the fs\_connector.ini file in the installation directory.

Connector specific configuration

F-Secure policy domain group is entered when installing the connector. If multiple F-Secure policy domain groups must be configured, configurations must be done manually to fs\_connector.ini as described in connector documentation. Connector can be configured to send data to multiple Miradore instances.

### Network connections

Between connector and Miradore server

HTTP(S) connection (port depends on Miradore server configuration, default is 80/443).

Between connector and F-Secure Policy Manager server

None. Must be installed locally on the F-Secure Policy Manager server.

### Authentication

Between connector and Miradore server

Standard Miradore connector authentication (must be authorized from the Miradore UI).

Between connector and F-Secure Policy Manager server

F-Secure Policy Manager database is connected locally using F-Secure's default user account.

## Scheduling

### Method

By default, scheduled as a Windows scheduled task.

### Interval

By default, once a day.

## Principle of operation

Connect to F-Secure Policy Manager database

Process each F-Secure policy domain groups one by one

Connect to Miradore server and checks if it is authorized to run

Terminates if not authorized

Sends start event to Miradore server if allowed to run

Read antivirus information from F-Secure Policy Manager

Send data to Miradore

Send stop event to Miradore server

## Data transferred to Miradore

Connector sends full report on every run. Items in report can be limited by defining F-Secure policy domain groups to be read.

Fields in the report are:

Antivirus:

ComputerName, IP, VirusDefinitionVersion, VirusDefinitionDate, LastCheckInTime, PolicyDomainGroup,

Version, ProductName

## Data transferred from Miradore to the target system

None.

## Debugging

Set value FileLogSeverity in fs\_connector.ini to Debug or Verbose and check the log file.

## Version history

### Miradore 4.4.1 / Connector 1.5.2

The connector was modified to detect F-Secure Policy Manager version automatically during the connector installation.

The connector was modified to support the new F-Secure database structure introduced in Policy Manager 12.1 . The connector also adds support for the Policy Manager version 12.2, and discontinues the support for the old Policy Manager 9.x versions.

### Miradore 4.3.0 / Connector 1.5.1

Connector was modified to use the latest version (v. 7.44.0) of the file transfer library "libcurl".

### Miradore 4.2.0 / Connector 1.5.0

Added support for F-Secure Policy Manager 12.x

### Miradore 3.6.4 / Connector 1.4.3

Support for Policy Manager 11.x.

### Miradore 3.6.2 / Connector 1.4.2

Data Execution Prevention and Address Space Layout Randomization security features were enabled for the connector executable.

### Miradore 3.4.0 / Connector 1.4.1

Bug fix: Log severity setting does not work.

### Miradore 3.3.0 / Connector 1.4.0

Firewall inventory

### Miradore 3.2.0 / Connector 1.3.2

Proxy support

Changed to use HTTP POST with multipart/form-data

### Miradore 3.1.3 / Connector 1.3.1

Bug fix: In some cases, connector reads wrong data fields from Policy Manager 10.x database

Bug fix: In some cases, connector doesn't find correctly configured policy domain groups from Policy Manager 10.x database

### Miradore 3.1.0 / Connector 1.3.0

Added support for F-Secure Policy Manager 10.x