

PANDORAFMS
E N T E R P R I S E

**Pandora FMS
User Manual
Monitoring Windows Systems**



User Manual Monitoring Windows Systems

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Index

1Changes.....	3
2Introduction.....	4
3Compatibility Matrix.....	5
4Compulsory documentation to hand in by the area that requires the monitoring	6
5Plugin modules.....	7



1 CHANGES

Fecha	Autor	Cambio	Versión
17/03/12	Dario	Plugin First Version	v1r1

2 INTRODUCTION

This document has as main objective the description of the monitoring of any machine with the Windows Operative System.

Some modules have been chosen according with our experience in system monitoring and the requirements of some of our clients.

To extract the information we use these:

- Collection layer for the Pandora FMS modules that are susceptible to it, reducing the load of the systems to monitor.
- Modules kind *module_exec* if it is command.
- Modules kind *module_plugin* if it is an agent plugin.

3 COMPATIBILITY MATRIX

The matrix compatibility for the plugin is shown next:

Systems where it has been tested	<ul style="list-style-type: none"> • Windows 2003 Server • Windows 2008 Server • Windows XP
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Systems where it should work	<ul style="list-style-type: none"> • Same system or higher
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4 COMPULSORY DOCUMENTATION TO HAND IN BY THE AREA THAT REQUIRES THE MONITORING

The information the area that requires the monitoring should hand in, is the following one:

- The user that executes the Pandora FMS agent should have the necessary permissions to execute the commands and have access to the necessary files without any problems.
- The requirements to this monitoring works right are the following:
 - Agente Pandora FMS installed.
- Information for the modules:
 - Services to monitor
 - Disks to monitor

5 PLUGIN MODULES

- **CPU Load:** This module returns the percentage of the CPU in use.
- **Number processes:** Module that returns the number of system processes.
- **Free Memory:** Module that returns the percentage of the system free memory
- **Disk discovery:** Plugin that does a disk selfdiscovery and monitor its occupied space.
- **WMI Service:** Module that checks if the WMI service is active.
- **SNMP Service:** Module that checks if the SNMP service is active.
- **Domain Auth. Fail:** This module search the event that informs about one failure in the domain authentication.
- **Disk Structure Corrupted:** This module searches the event that informs about one fail in the disk structure.
- **No domain controller:** This module search the event that informs that no controler has been found for the domain.
- **Account blocked:** This module serachs the event that informs that the account is blocked.
- **Account deleted:** This module searches the event that informs that the account has been deleted.
- **Account disabled:** This module search the event that informs that the account has been disabled.
- **Password reset:** Thsi module searches the event that informs that the password has been reseted
- **Password change:** This module searches the event that informs that the the password has been changed.
- **Account enabled:** This module searches the event that informs that the account has been enabled.