

PANDORAFMS
E N T E R P R I S E

Pandora FMS
User Manual
Monitoring Solaris Systems



User Manual Monitoring Solaris Systems

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1 CHANGES

Date	Autor	Change	Version
17/03/12	Dario	Plugin first version	v1r1

2 INTRODUCTION

This document has as main objective the monitoring description of any machine with the Solaris Operative system.

A serie of modules have been chosen according to our experience in system monitoring and the requirements of some of our clients.

To extract the information we use the recollection layer for the Pandora FMS modules that are are susceptible to it, reducing this way the load of the systems to monitor. Or they have been added through *module_exec* if it is a command or through *module_plugin* if we talk about an agent plugin.

3 COMPATIBILITY MATRIX

The compatibility matrix for the plugin is shown here:

Systems where it has been tested	<ul style="list-style-type: none"> • SunOs 5.x
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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 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 instalado
- Information for the modules:
 - Services to monitor
 - Disks to monitor

5 MONITORING MODULES

- **CPU User:** This module returns the CPU percentage that is occupied by user processes
- **CPU System:** This module returns the CPU percentage occupied by system processes.
- **Process Running:** The module searches if an specific process is running.
- **Physical Free Memory:** The module returns the percentage of free physical memory.
- **Used space:** The module returns the percentage of occupied directory.
- **Number processes:** Returns the number of processes that are running in the machine.
- **Zombie processes:** Returns the number of zombies processes.
- **Process memory:** The module returns the percentage of use memory by one process.
- **Process CPU:** The module returns the CPU use percentage by one process.
- **NTPD Instances:** The module returns the number of instances of the ntpd process that is running.