



**PANDORA**FMS  
E N T E R P R I S E

Active Directory

AD Monitoring and services

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## INTRODUCTION

Active Directory monitoring plugin, collecting information from users and related services.

## COMPATIBILITY MATRIX

Developed to be used with Powershell v3.0 or higher.

## PREREQUISITES

This plugin uses Powershell 3.0 commands to collect information from users and services related to Active Directory.

- Powershell v3.0 or higher.
- Active Directory Powershell Module.
- Repadmin.

Connection to the Tentacle service associated with your Pandora FMS server is required (for local plugin executions) under the following conditions:

- If `as_agent_plugin` is disabled.

The deployment of this plugin by binaries has no special requirements.

It needs the **PandoraFMS::PluginTools.pm** library.

This library is available with Pandora FMS OpenSource package installation. Download the latest version from:

[https://github.com/pandorafms/pandorafms/blob/develop/pandora\\_server/lib/PandoraFMS/PluginTools.pm](https://github.com/pandorafms/pandorafms/blob/develop/pandora_server/lib/PandoraFMS/PluginTools.pm)

## CONFIGURATION

The Active Directory plugin configuration file is divided into blocks:

### User

```
# User  
user = all
```

#### **user**

Set "all" if you want to retrieve the full list of enabled users in Active Directory. If you just want to look for a single user, enter the name of the user instead of "all".

### Unused

```
# Unused  
unused = 1
```

#### **unused**

It will allow you to see the list of users that have not been used for at least two months. Set 1 to enable it and 0 to disable it.

### SPN

```
# SPN  
spnm = 0
```

#### **SPN**

It will allow you to see the SPN suffixes. Set 1 to enable it and 0 to disable it.

### UPN

```
# UPN  
upnm = 0
```

#### **UPN**

It will allow you to see the UPN suffixes. Set 1 to enable it and 0 to disable it.

The configuration file should be located together with the plugin in:

"C:\Program Files\pandora\_agent\util\adparams.txt"

## MANUAL EXECUTION

To run the plugin, configure the "pandora\_kubernetes.conf" configuration file according to the preceding instructions.

Plugin execution:

```
./active_directory.exe
```

## PLUGIN-GENERATED MODULES

The standard execution of this plugin will return the following modules by default (with all optional blocks enabled):

### **Monitoring:**

- AD Users
- Unused AD User
- AD Schema Master
- AD Root Domain
- AD Forest Domains
- AD Computer DNS Host Name
- AD Global Catalogs
- AD SPN suffixes
- AD UPN suffixes
- Connectivity
- Replication admin
- Service DNS status
- Service DFS Replication status
- Service Intersite Messaging status
- Service Kerberos Key Distribution Center status
- Service NetLogon status
- Service Active Directory Domain Services status