PANDORAFMS

Pandora FMS Engineer

Learning guide
PAE (EN)

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1. Requirements

For a better use of the course it is necessary to have an intermediate knowledge of networks and Linux systems. We recommend previously taking the course "PALX (ES): Pandora FMS Linux Course" to be able to understand all the different subjects and manage Pandora FMS efficiently.

In addition, for a maximum use of this course, one year of experience with Pandora FMS or having passed the course "PAT (ES): Pandora FMS Technical" is required.

1.2 General evaluation system

The PAE Course: Pandora FMS Engineer course is divided into a theoretical part and a practical part.

1.2.1 Theory Part

The theoretical part of the course comprises the resolution of several self-assessments covering each of the course topics, and a final self-assessment covering the entire course.

Topic self-assessments consist of 10 questions per self-assessment, where a minimum grade of 7 will be required to pass. There will be 3 attempts for each self-evaluation to pass it, with a period of 15 minutes to make each of the attempts.

The final self-assessment consists of 30 questions, where a minimum grade of 7 will be required in order to pass. There will be 3 attempts with a time of 30 minutes to make each attempt.

Those students who do not manage to pass some self-evaluation will have to contact the tutor to look for a solution to their problem.
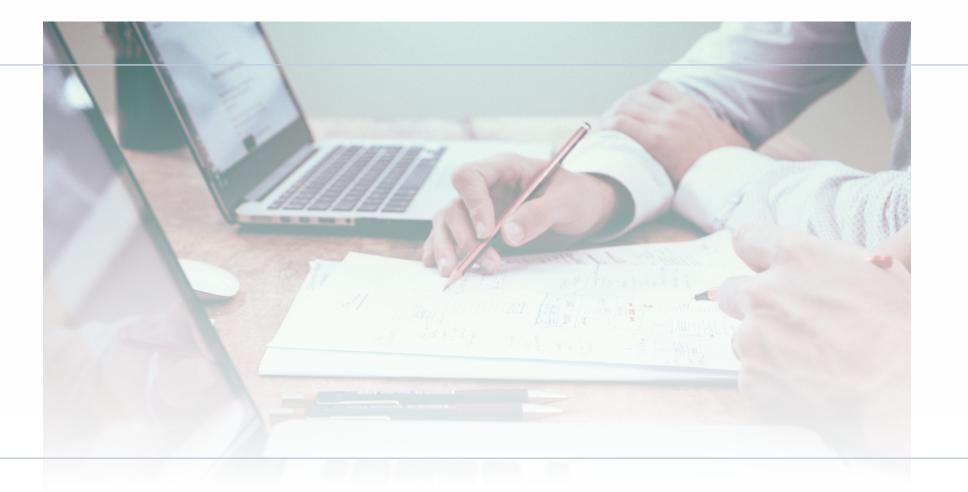
1.2.2 Practice Part

The practical part of the course consists of the resolution of several practical cases divided between each of the topics of the course. For each practical case, a doc or pdf file with the student's proposed resolution must be provided. Without this answer the student will not be able to visualize the solution proposed for the practical case.

1.2.3 Additional Observations

There is a general forum for doubts related to the Pandora FMS tool, as well as a specific forum for each topic where doubts related to the study of each topic can be raised.

Additionally, there will be a fixed tutoring schedule with the course teacher, where special cases of problems raised by students can be solved.

The information reflected in this course enables you to obtain the official PAE certification, which includes two tests: a theoretical test and a practical test. If you wish to obtain this certification, contact Pandora FMS commercial team to contract the service and the exams.

2. Course Objetives

Upon finishing this course, you will learn how to:

- Perform advanced monitoring, in distributed architectures and high availability environments.

- Operate with plugins (server and agent)

- Use the Pandora FMS monitoring policy system and manage Pandora FMS services

To do so, you will have theoretical resources and complementary case studies for a better understanding of the application.
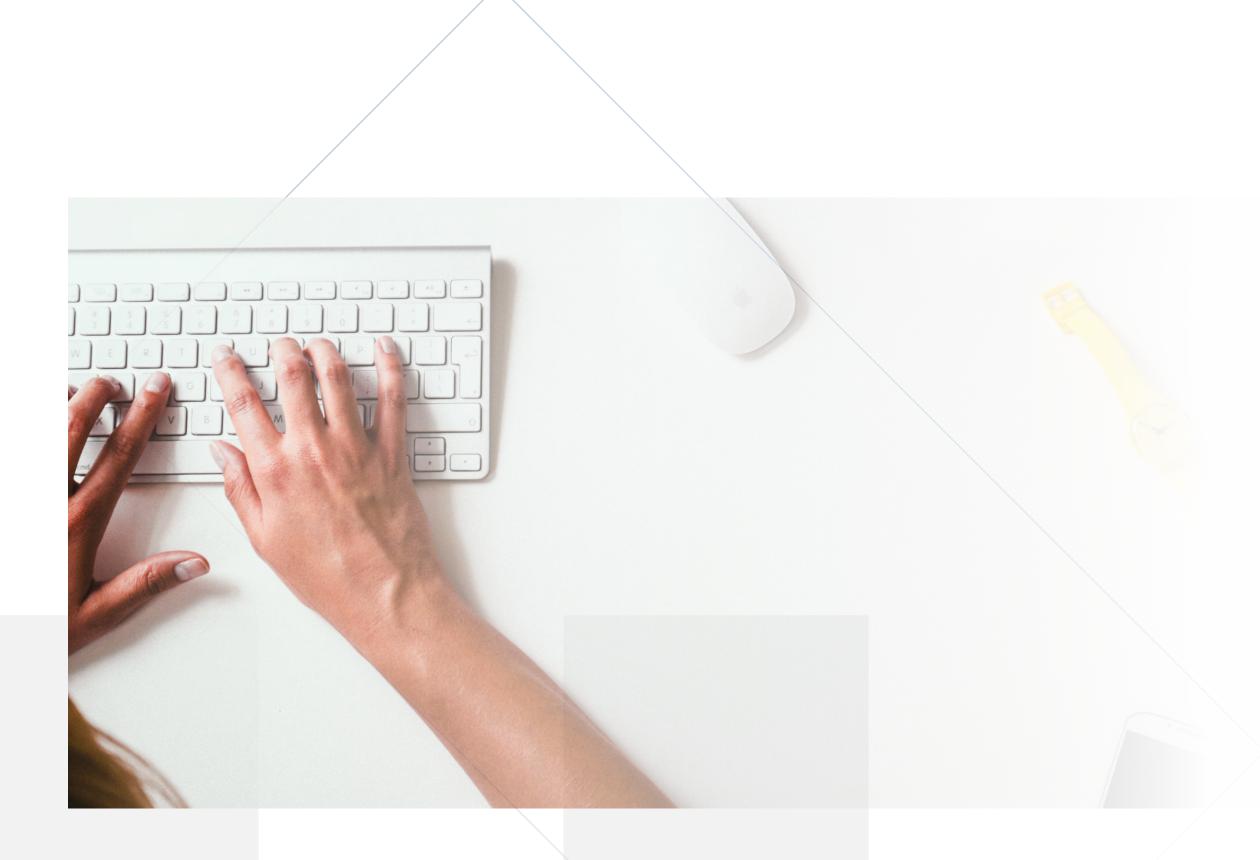
At the end of each thematic unit you will have a self-assessment to be able to consolidate the knowledge and to verify your degree of comprehension.

Also, you have links to Pandora FMS resources with which you can expand your knowledge.

2. Course Structure

1. Introduction to PAE.
2. Pandora FMS Architecture.
3. ACL System and User Management.
4. Monitoring with plugins (Development).
5. Discovery.
6. IPAM.
7. Satellite Server.
8. Monitoring policies.
9. Service monitoring.
10. NetFlow.
11. Web user experience.
12. Transaction monitoring.
13. Log monitoring and collection
14. Alertas Correlation
15. Device management
16. Database
17. High Availability (HA)
18. Advanced Pandora FMS Management

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We hope this manual was helpful. For further information, do not hesitate to contact the Pandora FMS technical support team.

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