

APG 43 Delta



LZU 108 6867 R2A

Description

The Adjunct Processor Group 43 (APG43) is the IO system of the APZ control system in AXE 10 and AXE 810 with focus on board size footprint and integration in the evolved Generic Ericsson Magazine (eGEM). The APG 43 is housed on blades (eGEM boards) in eGEM magazine, utilizing the eGEM infrastructure.

This course will cover aspects in the new APG release. The students will retain knowledge regarding the architecture and the functionality of the APG43. The differences to the previous APGs will be covered.

Learning objectives

At the end of this course, the students will be able to:

- 1 Describe the APG features on an overview level**
 - 1.1 Be introduced to the main components of the APG 43
 - 1.2 Describe the APZ versions used with APG 43
 - 1.3 Observe the capacity differences between different IO systems

- 2 Describe the APG Hardware**
 - 2.1 Describe the layout of the eGEM subrack housing the APG 43
 - 2.2 Explain the Ethernet star connections in the backplane
 - 2.3 Describe the different boards used in APG 43
 - 2.4 Describe the front cabling connections in APG 43

- 3 Describe the APG Software**
 - 3.1 Describe the new software structure used in APG43
 - 3.2 Describe the new sub-systems introduced in APG 43
 - 3.3 Explain the VERITAS software RAID function in APG 43
 - 3.4 Describe the quota based protection feature

- 4 Discuss other improvements in APG 43**
 - 4.1 Understand the new Configuration and Hardening feature in APOS
 - 4.2 Describe the different user interfaces towards the APG 43
 - 4.3 Explain the changes to the Disaster Recovery procedure in APG 43
 - 4.4 Briefly describe the procedure to change a GED disk board
 - 4.5 Describe the command differences between APG40 and APG43



Target audience

The primary target audience for this course: System Technicians and other staff working with APG43.

Prerequisites

The participants should be familiar with the previous APG40 releases.

Duration and class size

The length of the course is 6 hours and the maximum number of participants is 16.

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Learning situation

This course is based on theoretical instructor-led lessons.