Release 8.6 Update
Syllabus

Software Version 8.6
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1 Syllabus

This online course will provide the participant an opportunity to learn Casa Cable Modem Termination System (CMTS) C100 and C40G hardware and software but will only cover the hardware and software changes as part of the release.

1.1 Audience

Who should participate?

This course is most appropriate for technical professionals who are not typically implementing configurations but rather are in support of the Casa CMTS/CCAP such as NOC and support engineers who need to understand how to verify, diagnose and troubleshoot the Casa CMTS after production deployments.

1.2 Topics

Chapter 1 Hardware

Given the written guide at the end of this chapter the Course 1 participant should be able to:

- Describe broadband network architectures and the role of the Cable Modem Termination System (CMTS).
- List Chassis components of the C40 and C100G part of this release
- Describe Hardware redundancy components and configurations part of this release.
- List the hardware RF and IP service modules and their functions part of this release.
- Describe RF and IP service module architectures part of this release
- Describe proper replacement and maintenance of the chassis and service modules. part of this release.

Chapter 2 Verifying edge Configurations

This chapter will take you through every single command in the ICCAP CLI for verifying BDM, Remote PHY and PON edge network configurations. The chapter will use several learning resources and job aids to help you practice using the Casa CLI commands to verify edge network configurations on the ICCAP (release).

Chapter 3 Verifying Configurations and Troubleshooting

This chapter will take you through every single command in the ICCAP CLI for verifying BDM, Remote PHY and PON core network configurations. The chapter will use several learning resources and job aids to help you practice using the Casa CLI commands to verify core network configurations on the ICCAP (release).