

Capacity Max System Server Upgrade

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Course Description: Performing a Capacity Max System Server Upgrade from beginning to end. Learning each individual process using ESU (Enhance System Upgrade) Launchpad to connect to the server and complete server upgrade.

Course Objectives:

By the end of the course, you will be able to:

1. Conduct a CMSS upgrade by preparing software, using ESU Launchpad, to run the upgrade successfully.

Module 1: Prepare Software (ESU Launchpad)

Objectives:

By the end of the module, you will be able to:

- 1.

Topics:

1. Prerequisites:
 - a. Runs as a virtual machine on a PC.
 - b. Setup PC, install virtual machine software (upgrade documentation, can be found).
 - c. Memory, Space, and PC need to run the software.
 - d. Network check (needs to have specific network cards needed to run virtual machine).
 - e. Virtual Machine configuration. (Install VMware (thin layer runs on PC), installed during the installation process)
2. How to prepare software for upgrade.
 - a. ESU Launchpad (install)
 - b. Start Launchpad (application GUI, start launchpad)
 - c. Setup Virtual machine Settings
 - i. Proper network check (properly communicating)

Module 2: Using ESU Launchpad

Objectives:

By the end of the module, you will be able to:

Topics:

1. Walkthrough of ESU Launchpad (how to use, etc.).
 - a. Start ESU backend
 - i. Launchpad login (in the virtual machine)
 1. First login, change password (found in upgrade documentation)
 - a. Username: upgrade password: upgrade, then change the password after login.
 2. IP to use, gateway IP, communicate out to the server.
 - a. Dedicated IP address
 - b. Confirm Discovery Configuration
2. See server and components. (apart of Discovery Components (See Upgrade process)
3. Discover server.

Module 3: Run the CMSS Upgrade

Objectives:

By the end of the module, you will be able to:

Topics:

1. Prerequisites:
 - a. Obtain software from Motorola
 - i. Physical USB or Software download (customer needs order, myportal)
 - ii. Extract the zip file and store it on the computer, which is used to perform Capacity Max System Server (CMSS) upgrade.
2. Walkthrough of the CMSS Upgrade process.
 - a. Load iso file into launchpad
 - b. Start upgrade
3. Different types of upgrade components (Zip file 3 independent ISO files, user can get USB flash drive.)
 - a. Application
 - b. Window motopatch
 - c. Hypervisor
4. Once do the 3 components, the upgrade should be completed.
 - a. Verify
 - b. Open Trunk controller to verify application updated (CMSS Log Service

Module 4: Basic Troubleshooting

Source...?

Objectives:

By the end of the module, you will be able to:

- 1.

Topics:

1. What to do when something goes wrong?
2. What materials to review for the upgrade process.
3. Follow documentation steps.
4. Rollback server, basic troubleshooting (If fail upgrade, rerun)

Access to the tool:

Sources:

[MN003506A01 MOTOTRBO Capacity Max System Release Upgrade Guide](#)
[PCR INFRA 2021 JAN-APR TECHNICAL AWARENESS RC TECH CASES sheet](#)

[Project Timeline](#)