Linux Rescue Disk

The RCE comes installed with Linux rescue disk.

This can be used in an emergency to restore a corrupted file when the RCE will not boot into the Arch Linux OS.

The bootloader countdown must be enabled in order to boot back into Arch Linux.

Connect to the RCE serial console

Reboot with the rescue disk option:

reboot_rce -t rdisk -b 0

Note, the default firmware image is required by the rescue disk.

Once booted into the rescue image, you can mount and unmount partitions and transfer files over the network.

Note, dsl_* and atca_* SDK command do not work when RCE is running the rescue disk.

When done using the rescue disk, reboot and enter the bootloader shell.

From the bootloader shell, boot into Arch Linux:

run sdboot_linux

Once booted into Arch Linux, restore previous boot behavior:

reboot_rce -t linux

If applying user firmware, add the -b 1 option.