

Computing at the cyclotron institute

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Due to the premature end of life of CentOS 8 in December 2021, all the lab computational servers were migrated to Rocky Linux during fall 2021. We used Ansible to execute the migration tool provided by the Rocky Linux community on the whole cluster. All the desktop computers that were running on CentOS 8 have also been migrated to Rocky Linux. Since our web server was running on CentOS 7 and had to be replaced by summer 2024, a new Rocky Linux server has been built and configured. The new web server deployment has been performed in April 2022 as well as the old server decommissioning. Thanks to this migration, all the computers mentioned above will be compliant until 2029.

The Cyclotron WI-FI, which was already using TAMU NetID authentication but still provided by the Cyclotron Institute's own network and access points (AP) has been fully transferred to TAMU IT. The switches and APs have been replaced and the WI-FI is now outside of the Cyclotron Institute firewall and fully managed by the TAMU IT department.

The server that was hosting the cyclotron-personnel email list was no longer complying with the TAMU security requirements and we thus took the decision to decommission it. The cyclotron-personnel list has been moved to TAMU Google Groups and is managed through TAMU-Direct. The new list has been used for almost a year at the time we are writing this report and is working as expected.