

# Migrating iDNA Applications from version 2.4 to version 3.0

From version 3.0.0 onward, iDNA Applications upgrade packages will not be backward compatible with the CentOS-based appliance that was used with iDNA v2.x. This article outlines the necessary steps to set up a v3 Alma Linux appliance and migrate data from the old appliance.

## Critical Update

Our previous operating system CentOS Linux 7 will reach end of life (EOL) on June 30, 2024. Please see the [official announcement by Red Hat](#) for more details.

panagenda provides new virtual images based on Alma Linux 9, a RHEL-based open-source Linux distribution. We encourage all customers to migrate their installations to the new virtual image.

## Download the new iDNA v3 Alma Appliance

- **VMWare (recommended):** [OVA File](#) / [MD5 Checksum](#)
- Hyper-V: [VM Image \(7z Archive\)](#) / [MD5 Checksum](#)

## Deploying the new Appliance

- [Resource requirements](#) are similar to the CentOS appliance so sizing should be similar as well
  - The backup files created during the migration will take up 10-30% of additional disk space on the /opt/panagenda/pgdata partition of the new appliance and should be considered when sizing the new disk.
  - Contrary to CentOS guidelines, the new recommendation for partitioning the Alma appliance is to extend a single disk to the required size. Adding additional disks is still possible, but there should be a slight performance edge with a single disk.
- [Disk Partitioning Guide](#)
- [Initial OS Configuration Guide](#)

## Data and Configuration Migration

- Both appliances need to be running at the same time and the old appliance has to be reachable from the new appliance on ports 22 and 5432



- [iDNA\\_Applications\\_v3\\_MigrationGuide.pdf](#)

## Post-migration Tasks

- Like in conventional version updates, it will require one run of the nightly processing tasks on the new appliance for all features to be available.
- After successful migration, iDNA should not be re-started on the old appliance. However, panagenda recommends not decommissioning the old appliance until all functionality (including data collection) has been verified on the new appliance.
- To ensure iDNA doesn't start up unintentionally after the migration, you can issue the following commands on the console (e.g. via Putty) of the old appliance
  - ***ifa stop***
  - ***ifa down***