

Upgrading Control Center to Version 3.1

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Introduction

This document concerns upgrading of Paragon Active Assurance Control Center to version 3.1 from an earlier version.

The upgrade involves a procedure for migrating from Control Center based authentication to authentication based on Keycloak, an open source identity and access management solution (find out more at keycloak.org).

For other upgrades, please refer to the [Upgrade Guide](#).

Installation

Installation of Debian packages must be done in a certain way as detailed below.

- Install the Paragon Active Assurance Debian package as normal, but be sure *not* to install paa-legacy-plugins (which is found in the legacy subdirectory).
- Configure the system according to the regular [Installation Guide](#).
- During installation, the new configuration file `/etc/netrounds/plugin.yaml` needs to be updated with the correct database connection details if these have been changed from the default.
- Do the migration:

```
sudo ncc migrate
```

NOTE: Before you install the plugin packages, Postgres and Control Center must be up and running.

- Install the legacy plugins. These are found in the legacy subdirectory of the Control Center tarball.
- Install the Test Agent plugins. These are found in a Debian package of their own, named paa-test-agent-plugins.

Migrating from Control Center Based to Keycloak-based Authentication

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Performing the Migration

After completing the installation, run the following command:

```
ncc auth migrate --all
```

This migrates all users, creates database roles, and more.

You can now reach Control Center and make use of users and passwords from the Control Center database for authentication. However, the authentication will be done against Keycloak, not against Control Center itself.

LDAP Authentication

If you wish to use LDAP authentication, it is now handled by Keycloak. How to set this up is explained in the [Installation Guide](#), "Appendix: LDAP Authentication". To make this work, you need to remove the LDAP settings from `/etc/netrounds/netrounds.conf`.

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