Orchestrator versions

- **UiPath v2018.1 Firefly**

  - **Scalability and stabilization**: we can simultaneously host and manage up to **10K Robots** in Orchestrator

  - **Licensing**: Attended Robots use a named license, which is dependent on the number of users, regardless of the number of machines you are actually using. Unattended Robots use a node-locked license, which depends on the machines you deploy them on

  - **Queues**: you can assign a reviewer to transactions that failed or were abandoned

  - **User Profile**: users have the ability to change their own password without requiring edit user permissions. Also, the Profile page now has its own login history

  - **Host**: as a system admin you can now enable and disable tenants with just a click, and you can check the last time a user was active on a specific tenant

  - **Account lockout setting**: you can prevent additional login attempts for a period of time after a number of failed ones

  - **Security**: passwords can be set to expire after a certain number of days; A mechanism has been added which prevents the auto-complete feature of web browsers in all Orchestrator credential fields

  - **Audit**: the entire content of the Audit page can be downloaded as a .csv file

  - **User Experience**: currently selected Robots are displayed in the Start Job and Manage Environment windows, while the Transactions page was redesigned for an easier understanding, searching, and sorting of details, including by start and end times

  - **API**: a few new endpoints were added to help you ensure your Orchestrator instance is up and running, to raise alerts in Orchestrator, as well as mark them as read, to request permission-related information, and to extract the entire history of an indicated queue item

- **UiPath v2018.2 Firefly**

  - **Licensing**: Coming to the aid of those that work without Internet from time to time, we are introducing offline support for Attended Robots. All the licensing changes are available in the Regutil tool.

  - **Dedicated Reviewer's Page**: You now have a centralized location to manage all the queue items that have been assigned to you.

  - **Attended Jobs in Orchestrator**: Troubleshooting attended jobs has gotten easier to handle - if an agent starts a job on an Attended Robot, this is logged and displayed in Orchestrator.

  - **Downloading Packages**: We have added the possibility of downloading packages directly from the Package Versions window.

  - **Security**: We have added an even better layer of security for each individual Orchestrator user. Resetting the password is the first step that needs to be performed before logging in to the application.

  - **Taking a Load Off**: To help ease the Orchestrator's load, we added a new endpoint to its API, StopJobs. It enables you to stop or kill any number of jobs, while only sending one request to Orchestrator.

  - **User Experience**: The drop-down filters throughout the Orchestrator user interface have been redesigned to ensure a consistent view, as well as efficient navigation.

Orchestrator versions

- **UiPath v2016.2 Fargo**

  - **New UI and Dashboard**: a new friendlier user interface; Dashboard, displays usage information about all resources (robots, processes, environments, jobs, transactions).

  - **Roles and User Management**: you can create your own custom roles and manage permissions in order to facilitate custom authorization for any Orchestrator component

  - **Jobs**: maximized robot utilization is possible due to the job queue enhancement. If you start multiple jobs on the same Robot, they are placed in a queue, in a pending state, and are going to be executed one after the other.

  - **Scheduling**: greater flexibility and control are possible by enabling, disabling and editing schedules, which you can now also set for specific Robots, either a custom number or all of them

  - **Queues**: Review Statuses (In Review or Mark as Verified) have been implemented giving you the possibility to process failed items manually if necessary.

  - **Audit**: the auditing trail has been enhanced in terms of information offered and usability

  - **Alerts**: a live notification system ensures you are always instantly informed of any issues that might appear inside the automated business process

  - **Processes**: projects published to Orchestrator are consolidated into a package; assigning a package to an environment creates a process

  - **Logging**: it supports by default two targets: a SQL database and ElasticSearch

  - **Multi-tenant**: this feature is experimental

- **UiPath v2017.1 Moonlight**

  - **Multi-tenancy**: this functionality is enabled by default; the automation packages published to Orchestrator are now also isolated per tenant

  - **Queues**: finding specific queue items is now possible through custom references; if you identify transactions that do not need to be processed anymore, you can now delete them;

  - **Centralized Activities Feed**: the activities used to build your automation projects are also stored in a feed hosted on Orchestrator

  - **Security**: it is possible to store your Robot login credentials in CyberArk® Enterprise Password Vault®, through CyberArk®'s Application Identity Manager

  - **Schedules**: you can select the timezone according to which the execution should start, independent of the tenant timezone; you can view the jobs started by your scheduled processes, directly from the Schedules page

  - **User Experience**: logged messages have been moved: they are displayed per robot and per job, from the Robots and Jobs pages, with just a click of the button;

  - Queue item management has also been enhanced, as transactions are filtered and displayed per queue;

  - Renamed the action of soft stopping a job to Stop, and that of forcefully stopping a job to Kill

  - **User Interface and Design**: cosmetic changes have been done to most of the pages

  - **Organization Units**: experimental feature, they add a deeper level of separation to Orchestrator resources