

## Nintex Workflow Cloud – Engine v2 FAQ

External

[Upgrade experience:](#)

**Q: Are new tenants running on Engine v2?**

As of 24/6/2021 all tenants created are running on Engine v2.

**Q: After I upgrade my tenant to Engine v2 is it possible to switch my tenant back to Engine v1?**

No, this is not possible.

**Q: Can I publish new workflows in both engines?**

No. When the experience goes live new workflows can only be published in Engine v2.

**Q: How will Component workflows work if a workflow calls a v1 workflow from v2 workflow.**

Engine v2 workflows calling an Engine v1 workflow is not supported.

**Q: Can I access Engine v2 actions in Engine v1 workflows?**

No. You must update your workflow to run on Engine v2 first.

**Q: When I move from Engine v1 to Engine v2 can we also move to another datacenter?**

No. Datacenter migration is a separate motion to be managed at a different time. This motion is specific to the Engine.

**Q: When Engine upgrade experience Phase 3 starts (December) what will happen to customers running instances?**

When we turn on phase 3, no new workflow instances can be started if the workflow is in Engine v1. Instances that are currently running in Engine v1 will continue to run.

**Q: What happens if my tenant is running fully on Engine v2 (all workflows on v2, no upgrade experience UX shown) and I import a workflow from Engine v1?**

The workflow will be imported as a draft and you can only publish the workflow to Engine v2.

**Q: How do I know what version of the Engine my tenant is using?**

The engine version of your tenant is displayed in the workflow license and subscription settings page.

[Office 365 to Nintex Workflow Cloud migration & Engine v2:](#)

**Q: What engine do my workflows go to when I migrate them from Office 365 to Nintex Workflow Cloud?**

Workflows will automatically be put on Engine v2.

**Q: What happens if I have migrated from Office 365 to NWC already?**

The tenant will show the engine upgrade experience for any workflows migrated from 365 prior to engine v2. Existing workflows in NWC will running in Engine v1.

## Engine v2 benefits:

### **Q: How does the new workflow start rate work?**

The new workflow start rate guarantees workflow starts within an hour period up to that workflow start-type limit. There are limits for Forms (mobile is counted in here as well), Component workflows, Scheduled start and Events.

For example, if the hourly limit is 300:

- Limits do not carry over into the following hour.
- If a customer starts 225 forms in an hour those forms will start processing within the hour. We cannot guarantee completion time as that is based on the workflow design.
- If a customer starts 600 forms in an hour. The first 300 forms will start within the first hour in the second hour the next 300 will start.

### **Q: What actions do not work on the new engine? How do I get access to the new versions?**

1. Loop with condition
2. Run if
3. Branch by condition
4. Query JSON
5. Apply a regular expression

To access the new version of these actions please delete them from the canvas and re-add them. Note this only needs to be done if the Engine upgrade experience panel marks the action as legacy.

### **Q: Performance improvements**

Engine v2 runs on more modern technology than Engine v1. This allows us to guarantee workflow starts for individual workflow start-types. In the future this will allow us to have a customer facing queue of engine instances before they start.

### **Q: Loop iteration limit**

Engine v2 has a loop iteration limit of 1,000.

### **Q: How can I access the new actions?**

If your workflow is running in Engine v1 you need to upgrade it to Engine v2. Once you open the designer again it will show the new actions in the toolbox.

### **Q: What are all the new and improved actions in Engine v2?**

Improved actions:

- Set a workflow variable (set multiple variables).
- Calculate a value (mod function).
- End this workflow (added Reason ended field).

- Run parallel paths (New completion field to select whether to complete block when individual branch completes or wait for all branches to complete)

New actions:

- Loop N times.
- Modify string.
  - Supported operations:
    - Extract substring from start of string
    - Extract substring from end of string
    - Extract substring from string index
    - Extract substring from string index with length
    - Find substring in string
    - Replace substring in string
    - Trim string
- Query and update XML (coming soon)
- Merge collection (coming soon)

**Q: Looking forward...**

Will allow highly requested features such as restarting a workflow and workflow visualization for progress tracking.