

# Get Started with the New Nimbus

## Summary

This page contains details for the new Nimbus hardware, how to start using it, and relevant dates around the old and new equipment.

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- [How to Choose a Flavour](#)
- [Apply for Nimbus Cloud access](#)

## New Flavours

Each instance has a 'flavour' which determines how much RAM and how many virtual CPU cores the instance has access to. With the release of the refreshed Nimbus, the details of these flavours have changed to better align with the new hardware. The following table shows equivalent flavours between the old and new:

Old Flavour	CPU Cores	RAM		New Flavour	CPU Cores	RAM	Notes
m2.small	1	2GB		n3.1c4r	1	4GB	
m2.medium	2	6GB		n3.2c8r	2	8GB	
m2.large	4	12GB		n3.4c16r	4	16GB	
m2.xlarge	8	24GB		n3.8c32r	8	32GB	
m2.jumbo	16	48GB		n3.16c64r	16	64GB	Available upon request

## Apply to use Nimbus

To begin using the new Nimbus hardware, submit an application at Pawsey's [application portal](#). Detailed how-to is given [here](#)

**IMPORTANT:** All projects now have a six-month validity period, after which an application must be submitted for an extension if continued Nimbus use is required.



If you have an existing Nimbus project, you need to apply for an extension on the application portal.

## Begin using Nimbus

If you are new to Nimbus, you can review Nimbus documentation, view a short [video](#), access [training material](#), or view upcoming [training events](#).

If you have an existing project and want to migrate your instance(s) to the new hardware, you have two options:

- Follow the [migration instructions](#), until the deadline for instance migrations. See the table below for key dates.
- If you want assistance with migration, sign up for one of our migration sprints, during which our staff will help you.

The old Nimbus equipment will be decommissioned, so if you do not want to migrate, you will need to move your data to other storage by the cut off date as shown below.

## Information Sessions

Pawsey staff will be running online information sessions and Pawsey Hours to provide you with general information about the new system. Staff can answer your questions about the application process, instance migration, or how to get started. See the Dates table below for the details and the link to access the sessions.

## Migration Sprints

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Pawsey staff are running migration sprints to assist existing users with getting their instances running on the new hardware. These sessions will centre on the [migration instructions](#). To receive support in migration, sign up for one of the sprints on the [sign up link](#).

## Dates and Links

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Below are key dates about Nimbus, including links to relevant material.

Date	Description
10 Mar 2020	<a href="#">Application portal</a> open
13 Mar 2020 11:00 - 11:30	<b>Information session</b> - Webex video conference details: <ul style="list-style-type: none"><li>• <a href="#">Link from your computer or phone</a></li><li>• Dial number manually: +61 2 6246 4433, Access Code 784 164 116</li></ul>
18 Mar 2020 11:00 - 11:30	<b>Information session</b> - Webex video conference details: <ul style="list-style-type: none"><li>• <a href="#">Link from your computer or phone</a></li><li>• Dial number manually: +61 2 6246 4433. Access Code 783 856 502</li></ul>
23 Mar 2020 11:00 - 11:30	<b>Information session</b> - Webex video conference details: <ul style="list-style-type: none"><li>• <a href="#">Link from your computer or phone</a></li><li>• Dial number manually: +61 2 6246 4433. Access Code 787 995 965</li></ul>
01 Apr 2020	New hardware available to all users
06 Apr 2020 to 17 Apr 2020	Migration sprint #1 <a href="#">Sign up here</a>
20 Apr 2020 to 01 May 2020	Migration sprint #2 <a href="#">Sign up here</a>
04 May 2020 to 15 May 2020	Migration sprint #3 <a href="#">Sign up here</a>
15 Jun 2020	Deadline: All instance migrations complete
30 Jun 2020	Data from non-renewing projects moved to other storage
30 Jun 2020	Old equipment decommissioned
15 Nov 2020	All old instances deleted