

Release 2022 R1 Highlights

Ansys Cloud



/ Innovations in Ansys Cloud 2022 R1 - Overview



Admin Controls

- Access Admin controls from the Ansys Cloud portal without a Cloud Essential Subscription
- Manage User Groups and company Projects
- Control simulation costs by allocating budgets to Projects and monitoring consumption
- Assign Cloud Storage Subscriptions to users for additional storage

User Experience

- New Ansys Cloud Dashboard
- Enriched Job-Sharing Capabilities. Share jobs/sessions with:
 - User Groups
 - Ansys Support
- Submit custom batch jobs using the Solver Generic Template



Admin Controls

User Group Management and Admin Budget Controls

Company XYZ
Total AEC/AHC: 30000

User Group Management

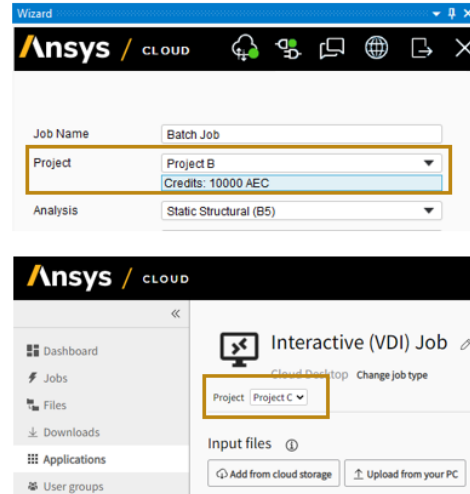
Create and manage User Groups

Users/ User Groups

Group 1



Group 2



Company Admin

Project A
10000 AEC/AHC

Project B
10000 AEC/AHC

Project C
10000 AEC/AHC

Admin Budget Controls

Allocate budgets to company Projects

Why?

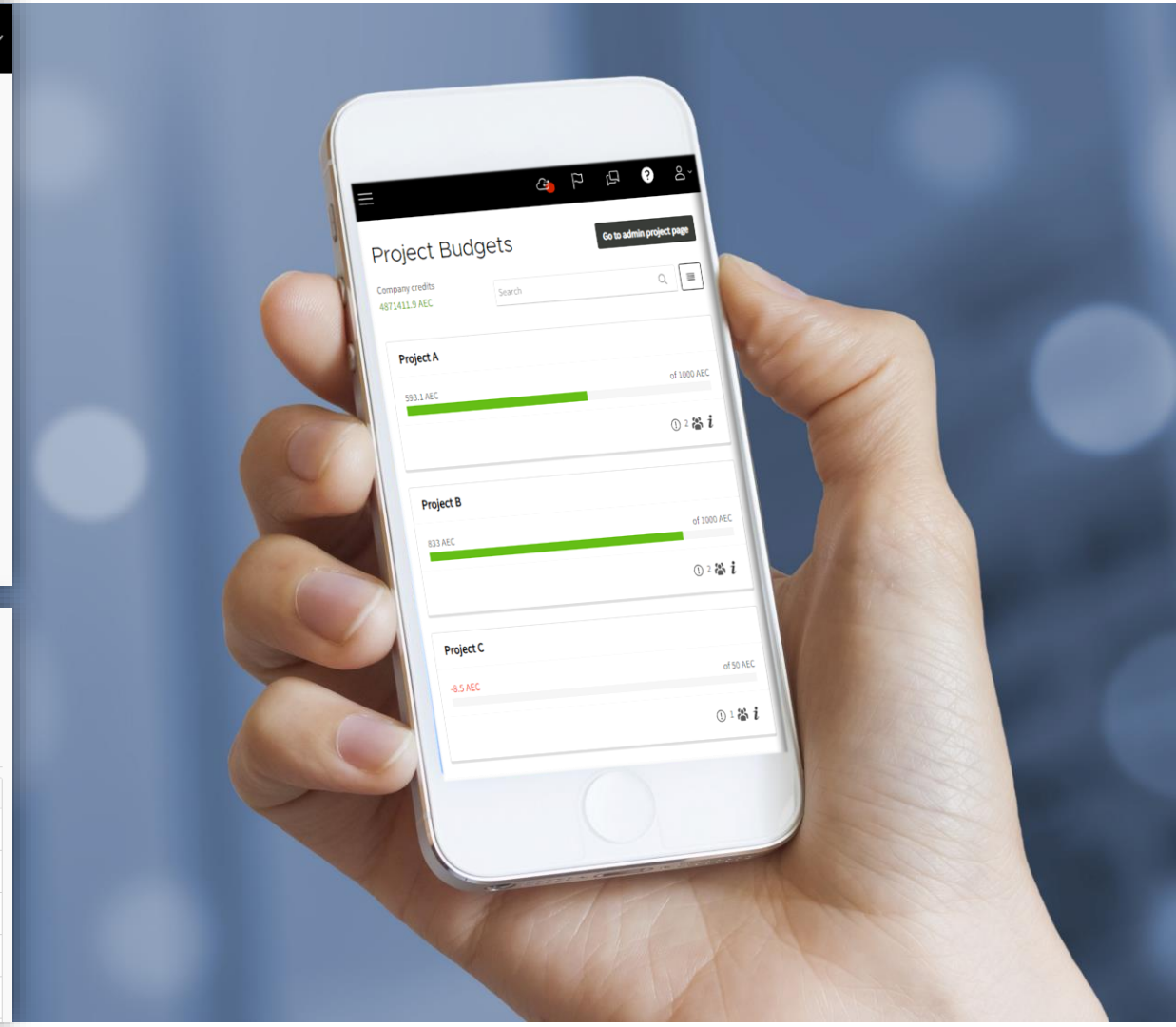
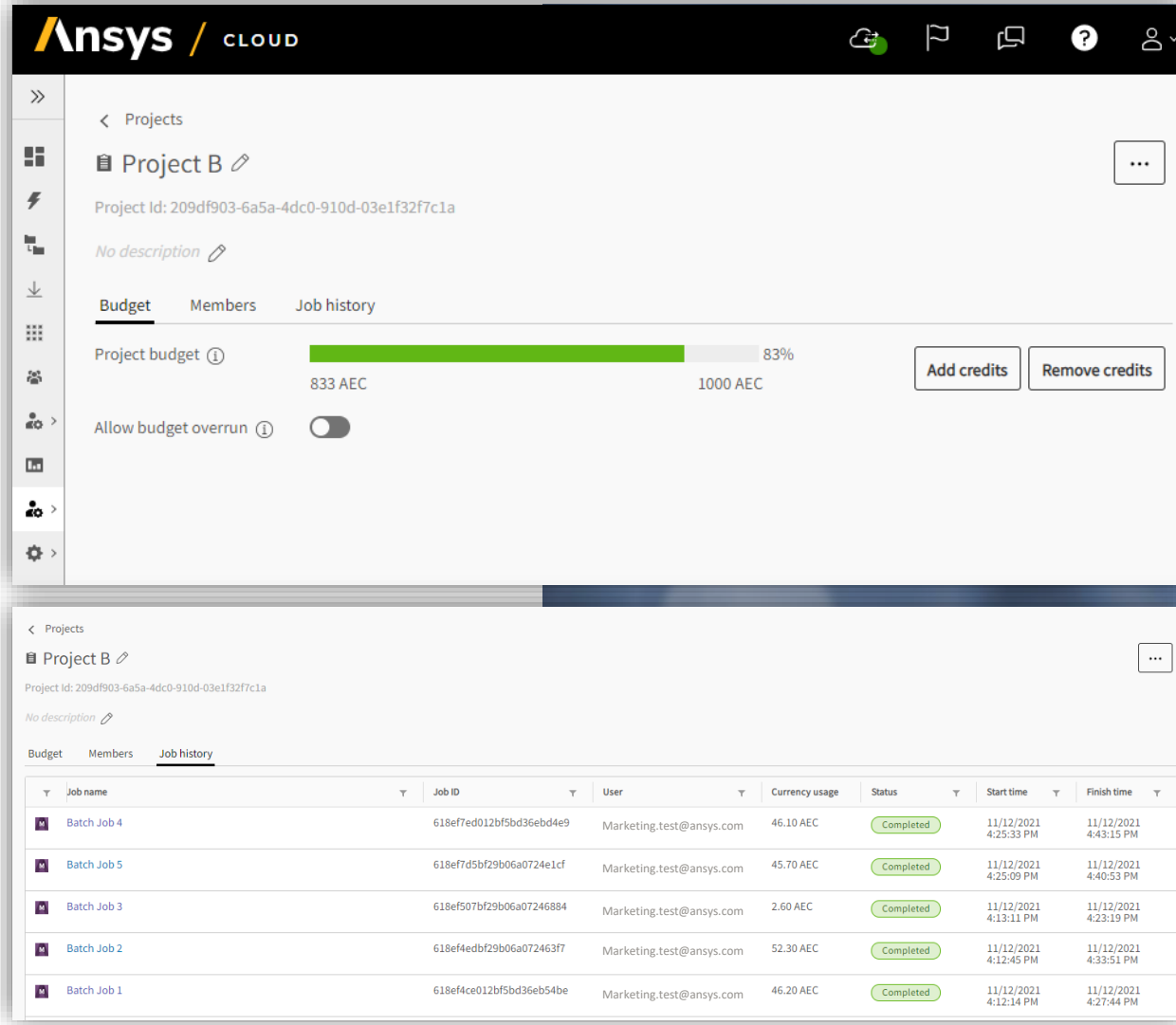
Improved visibility and management of Cloud users:

- Manage users at scale
- Collaborate efficiently in Ansys Cloud

Enhanced cost management and reporting:

- Control project costs
- Monitor Ansys Cloud usage across user groups and projects

Budget Allocation and Tracking



Assign Cloud Storage Subscriptions to Users

More control over Cloud storage



Assign Cloud storage subscriptions to users via the Account portal (www.myaccount.ansys.com)

Company Subscriptions

ANSYS Cloud Extra Storage 1TB : 3 of 25 subscriptions used.

ANSYS Cloud Essentials : 360 of 388 subscriptions used.

Add User

Method: Manually Add Users ▾

Enter up to 10 unique emails

CloudTest@ansys.com



Assign

<input type="checkbox"/>	Product Name	Subscriptions
<input checked="" type="checkbox"/>	ANSYS Cloud Extra Storage 1TB	22
<input type="checkbox"/>	ANSYS Cloud Essentials	28

Cancel

Add



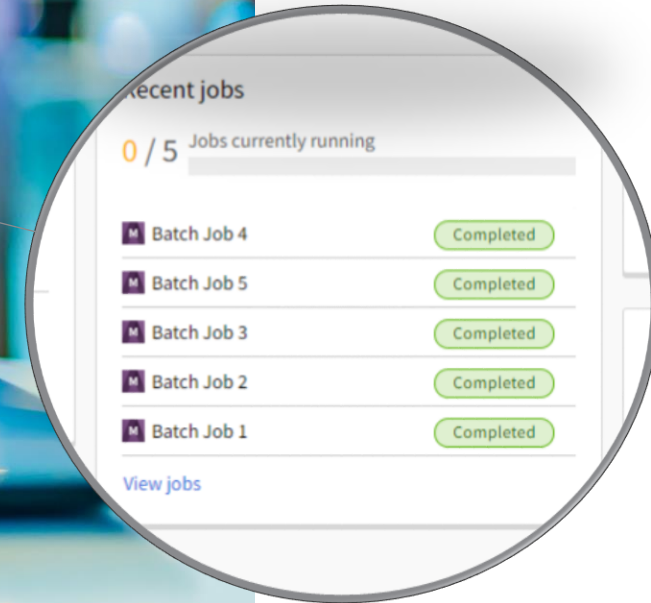
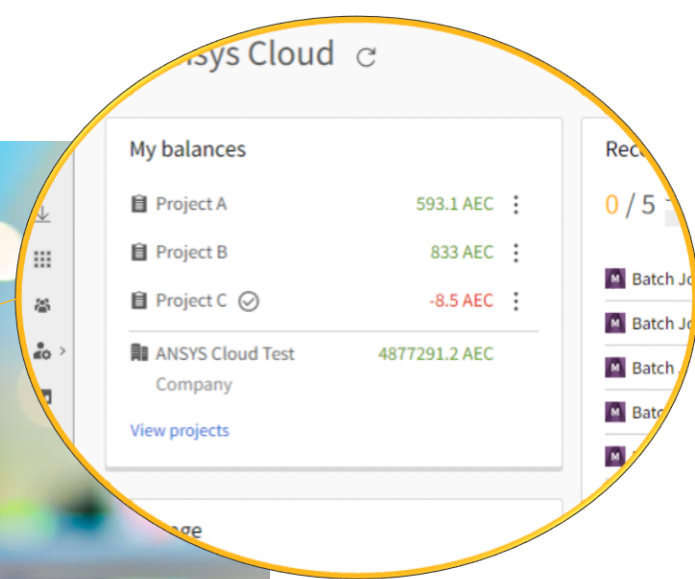
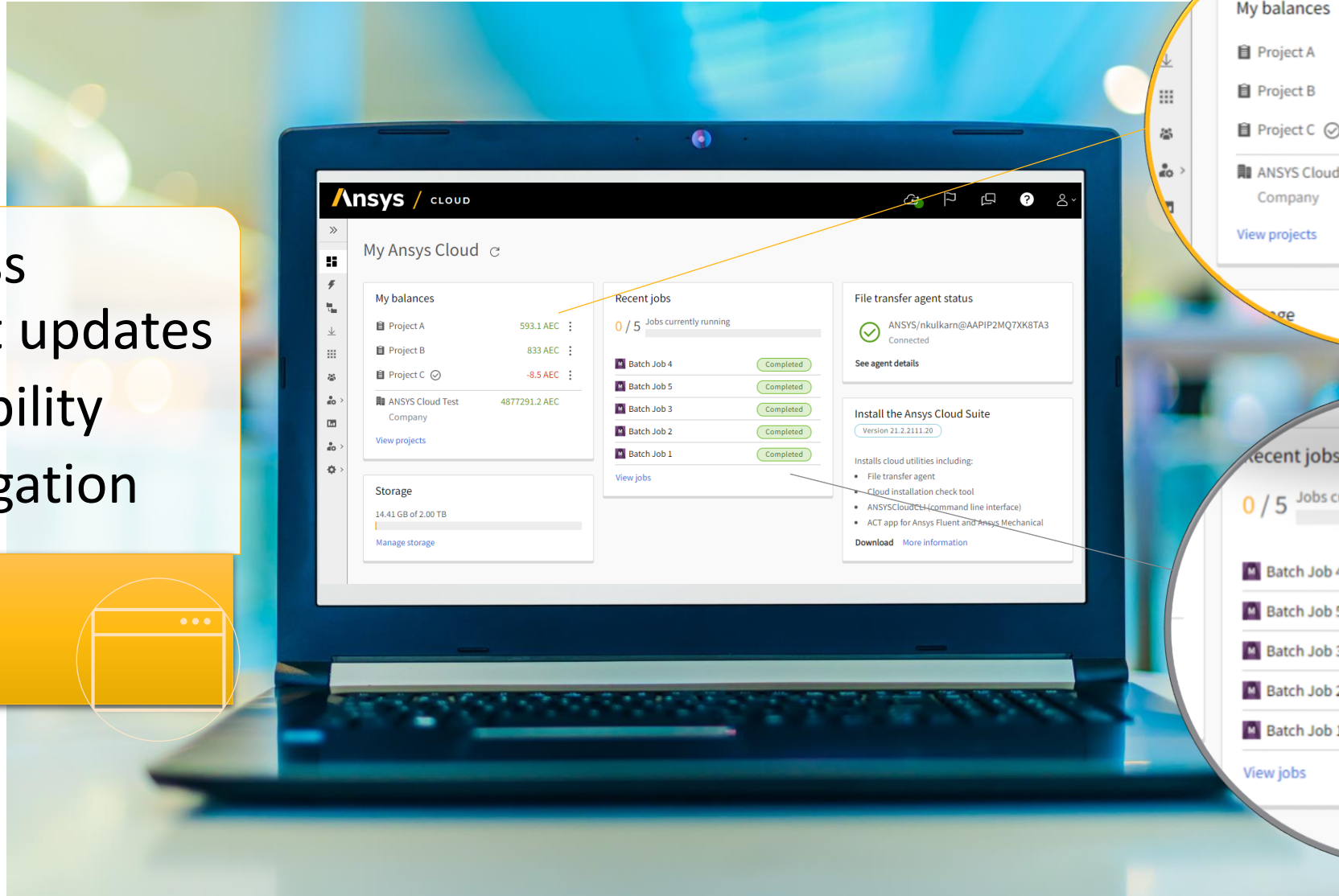
User Experience

Ansys

New Dashboard Page

- Never miss important updates
- More visibility
- Easy Navigation

Improved
UX Design



/ Enriched Job-Sharing Capabilities



Collaboration in Ansys Cloud: Ability to share jobs/sessions with user groups within the company – no need to share jobs with each user individually



Streamlined Customer Support: Ability to share jobs directly with Ansys Support for debugging

Share Batch Job 3 session

Users Groups Support

☐ Group name

☐ Group 5

☒ Group 4

☒ Group 3

☐ Group 2

☐ Group 1

☒ 2 Group per page 5 1 - 5 of 6 groups < > 1 / 2 > >

☐ Include input and output files

Message (optional)

Additional Message

0/500

Share link

<https://cloud.ansys.com/sessions/6184261c56a9ae1c3cd3a820> Copy

Cancel Share

Share Cloud Job session

Users Groups Support

Before sharing your session with Ansys Support, be sure that you've created a support ticket.

Support group name

☒ Ansys support

☐ Include input and output files

Share link

<https://cloud.ansys.com/sessions/6184261c56a9ae1c3cd3a820> Copy

Cancel Share

/ Solver Generic Template



Submit a batch job using custom commands directly via the Ansys Cloud portal



Use Cases:

- Run an Ansys solver using custom variables and options
- Debug a solution
- Run an application that is not part of the Ansys product offering

A screenshot of the 'Load session inputs' form in the Ansys Cloud portal. The form includes fields for 'Agent' (ANSYS/nkularn@AAP2MQ7XK8TA3), 'Input folder' (with a 'Browse from your computer' button), 'Input filter', 'Executable name' (ex: sh, python), 'Executable argument' (ex: run.sh, script.py), 'Files to monitor' (Provide names of files to monitor), 'AAS connection file' (Name of aas monitoring file), and a 'With auto download' toggle switch (set to 'Auto download'). At the bottom, there is a 'Save session inputs' button and a 'Submit job' button.

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