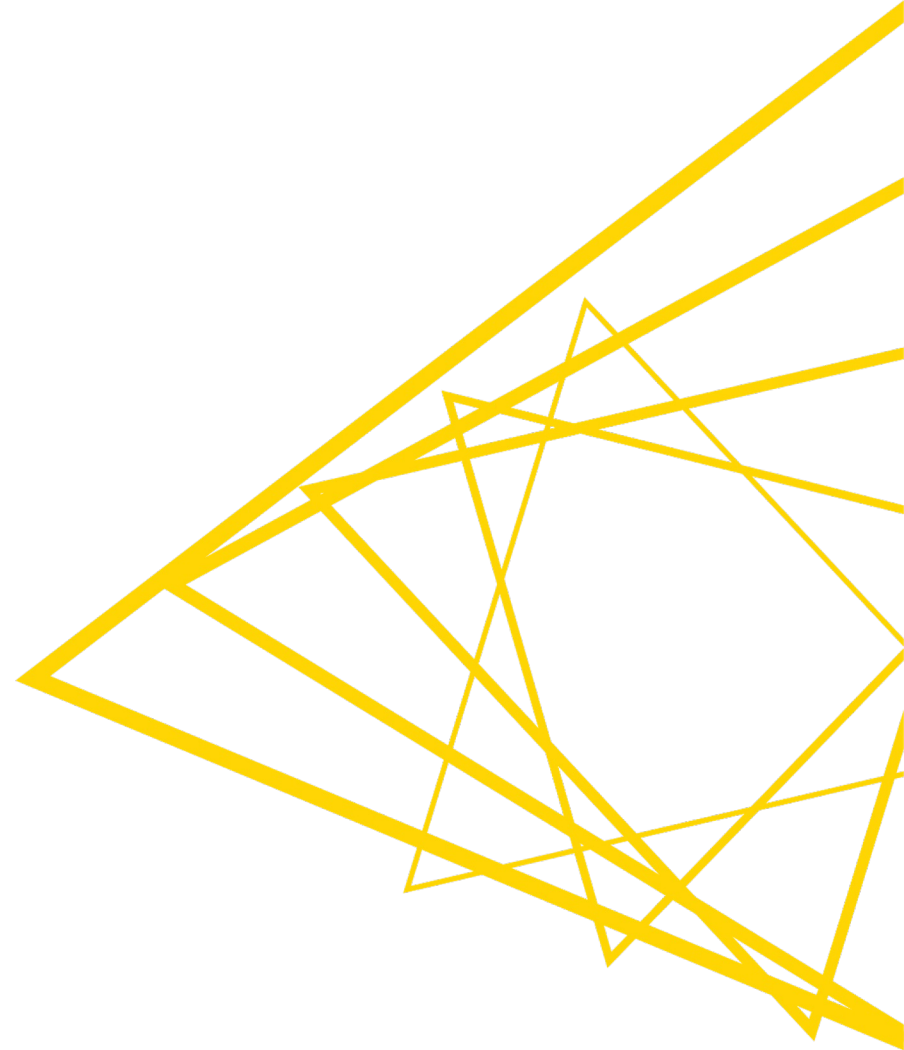


Why and how to switch from KNIME Server to KNIME Business Hub





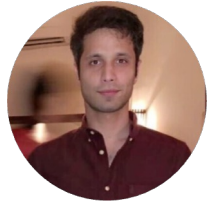
Linh Hoang Thuy

Solution Engineer



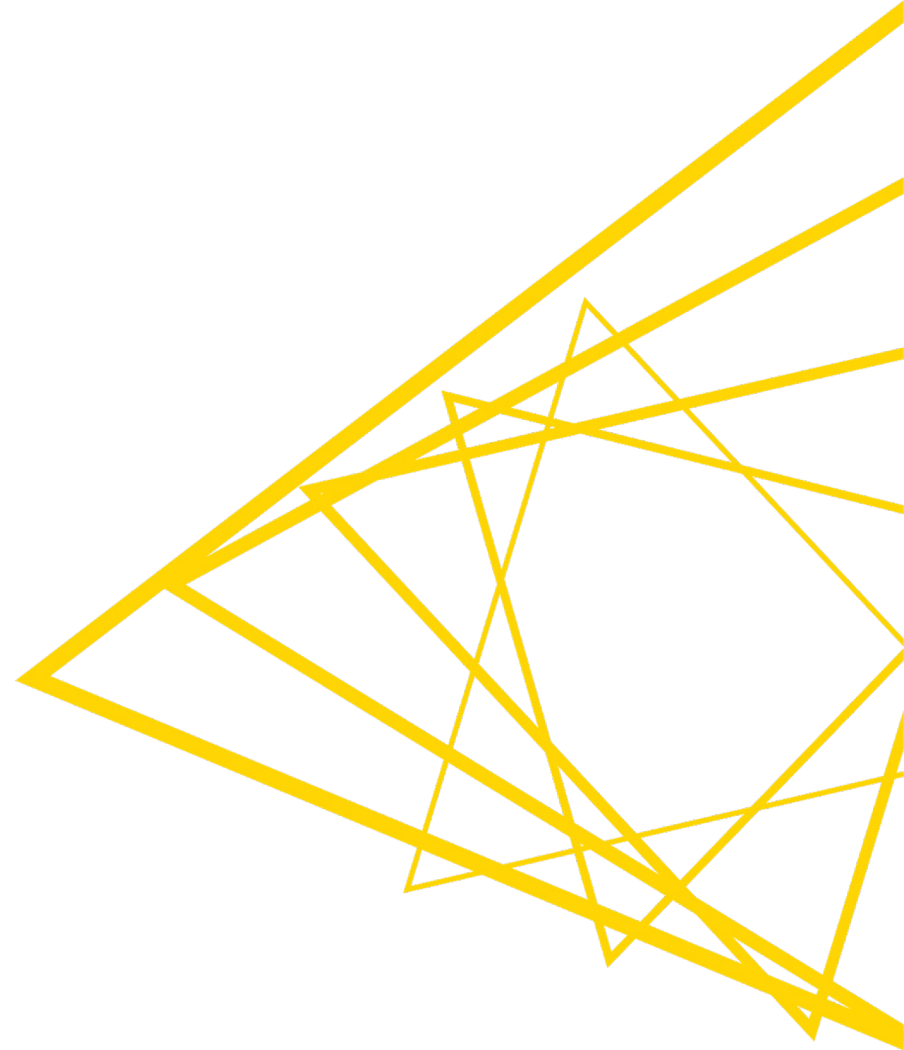
Francesco Tuscolano

Application Engineer



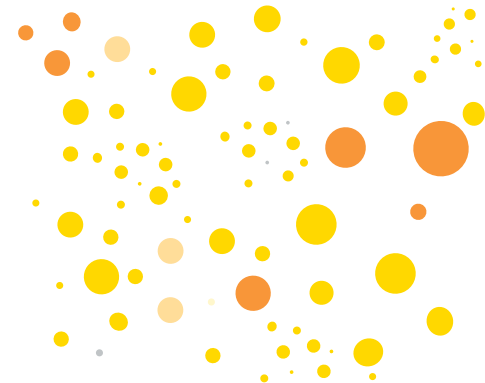
Hannan Saleem

Solution Engineer



Agenda

- Differences between KNIME Server and KNIME Hub
- Live demo of KNIME Business Hub
- KNIME team's support and resources for facilitating the migration process
- Live demo of migration resources
- Q&A



How KNIME Hub scales data science impact

Ease of Onboarding

Get started quickly with a community-built library of solutions.



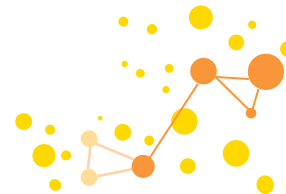
Ease of Collaboration

Work between disciplines & expert levels. Share & reuse expertise.



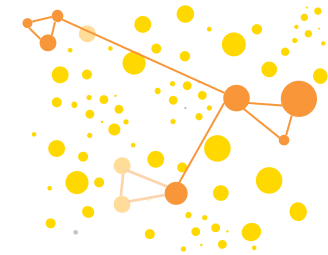
Ease of Deployment

Enables data experts to easily deploy data apps and services to end users.



Built for Scale

Cloud-native, no limit to users. Easy to administrate & maintain.



Open-source approach ensures frictionless adoption, low barrier to entry and low TCO

KNIME Server vs KNIME Hub: Why make the switch?

Advantage: Ease of onboarding

Empower new & existing users to get started quickly & upskill

From

Separate ways to access features via: WebPortal, KNIME Server, KAP

No grouping of similar content

No Search function

To

Single, intuitive frontend to access all onboarding, collaboration, scheduling, deployment & monitoring features

Build internal **Collections** of topic-related solutions help with that “How do I get started” moment

Browse internal repository of solutions and resources

The screenshot displays the KNIME Hub interface. At the top, there is a search bar with the placeholder text "Search workflows, nodes and more...". Below the search bar, the navigation menu includes "KNIME Community Hub", "Home", "Collections", and "KNIME Analytics Platform Version 5 Starter Perspective Collection". The main content area features a collection titled "KNIME Analytics Platform Version 5 Starter Perspective Collection" with buttons for "Download", "View", "Copy", and "Refresh". A "New to KNIME?" callout box on the right encourages users to get started with the Early Access Release of Version 5. Below this, there are sections for "Workflow examples" and "Reading spreadsheets". The "Workflow examples" section lists "Merge Files" and "Non-standard format Spreadsheets" with brief descriptions and icons for each workflow.

KNIME Server vs KNIME Hub: Why make the switch?

Advantage: Ease of collaboration

Unlock cross-discipline work. Share & reuse expertise

From

Workflow groups for basic collaboration on workflows

No knowledge-sharing at scale

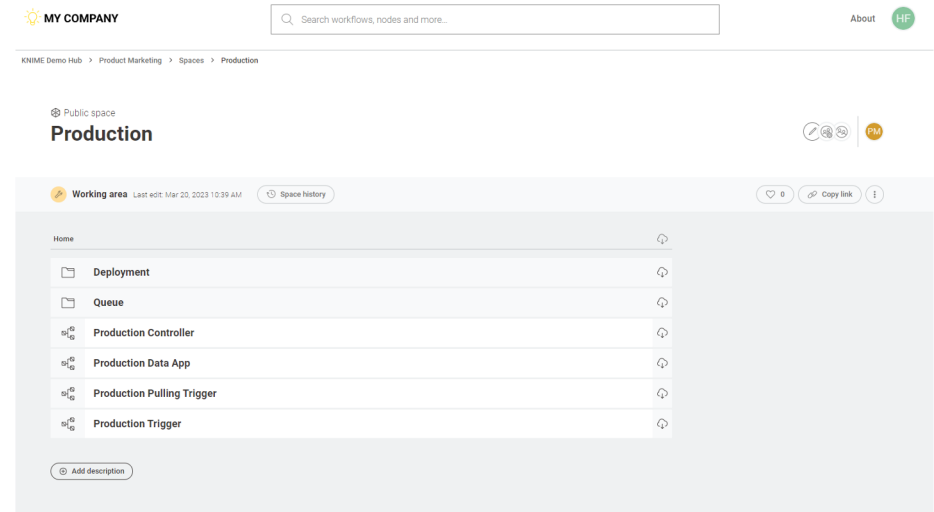
To

Collaborate in **Teams**

Share work and resources easily via **Spaces**

Item Level **Versioning** for easy debugging, tracking & auditing

Team-controlled execution through **execution contexts**



KNIME Server vs KNIME Hub: Why make the switch?

Advantage: Ease of deployment

Easily & automatically deploy data apps/services to end users

From

Deployment as data apps/services only possible through KAP

Deployment dependent on workflow developer's configurations

Only global execution settings were possible

Versions of KNIME Server & KAP had to match

To

Deploy & share deployments intuitively via single frontend

Easy setting of permissions & metadata so end users quickly find data apps/API endpoints

Separate team-controlled **execution contexts** meet different team requirements

Support of multiple versions of KAP so teams can pick which version they use

MY COMPANY

Search workflows, nodes and more...

About HF

KNIME Demo Hub > Product Marketing > Deployments

PM
Product Marketing
Team

Spaces

Deployments

Monitoring & settings

Deployments of Product Marketing

Manage team

Rows: 1-3 of 3

Type of deployment	Name	Workflow	Date of creation	Execution context	Status
Schedule	Production Pulling Trigger	...roduction Pulling Trigger/	Mar. 20, 2023, 9:46	5.1.0 Nightly	On
Schedule	Validation Trigger-10-39-28	...dation/Validation Trigger/	Mar. 20, 2023, 9:40	5.1.0 Nightly	On
Schedule	Production Trigger-10-39-...	...ction/Production Trigger/	Mar. 20, 2023, 9:40	5.1.0 Nightly	On

Rows: 1-3 of 3

50 per page

KNIME Server vs KNIME Hub: Why make the switch?

Advantage: Built for scale

Cloud-native architecture with no limit to users

From

Limited number of users

IT centrally controls permissions management

Only Server Large enables authentication: LDAP/OIDC

Only single machine install

To

Unlimited number of teams; deploy solutions to any number of users with a single install

IT sets guardrails, teams manage own users, permissions, deployments

All editions provide for authentication: LDAP/OIDC

Highly available, scalable & reliable: no single point failure

MY COMPANY

About 

Welcome to the KNIME Demo Hub

Solutions for data science: find workflows, nodes and components, and collaborate in spaces.

208

Workflows

4 191

Nodes

50

Components

220

Extensions

Demo: How KNIME Hub features scale data science impact



Welcome to the
KNIME Demo Hub

Solutions for data science: find workflows, nodes and components, and collaborate in spaces.

 Search workflows, nodes and more...

208

Workflows

4 191

Nodes

52

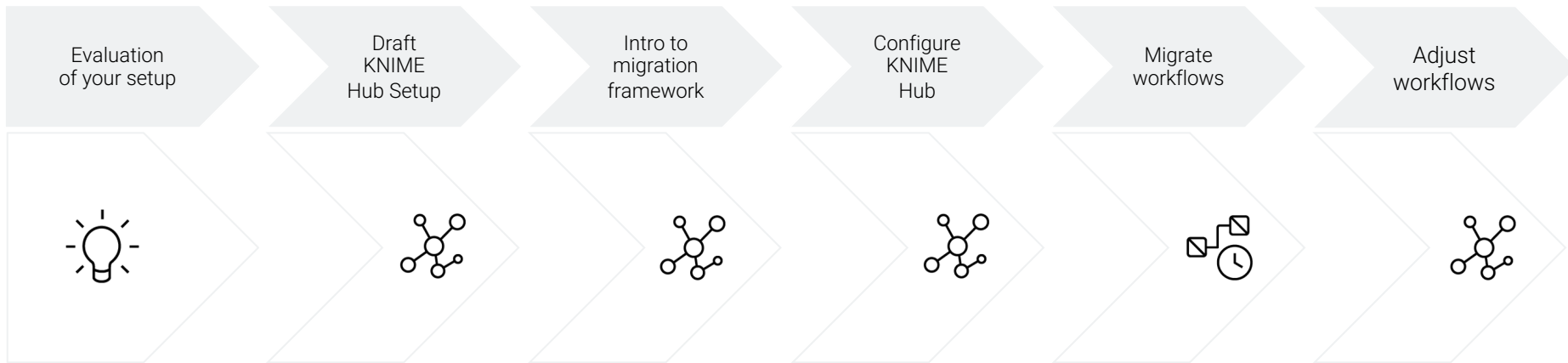
Components


220


Extensions

Make the switch through a step-by-step migration process

Be supported from evaluation to installation, to migration, to final adjustments

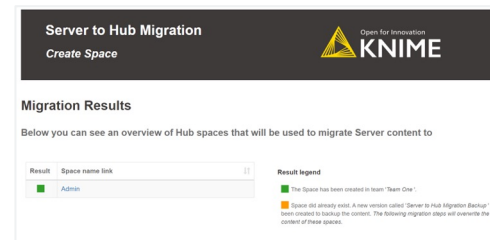
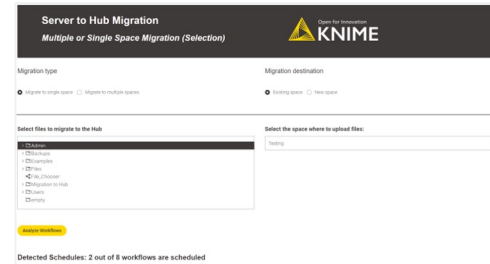
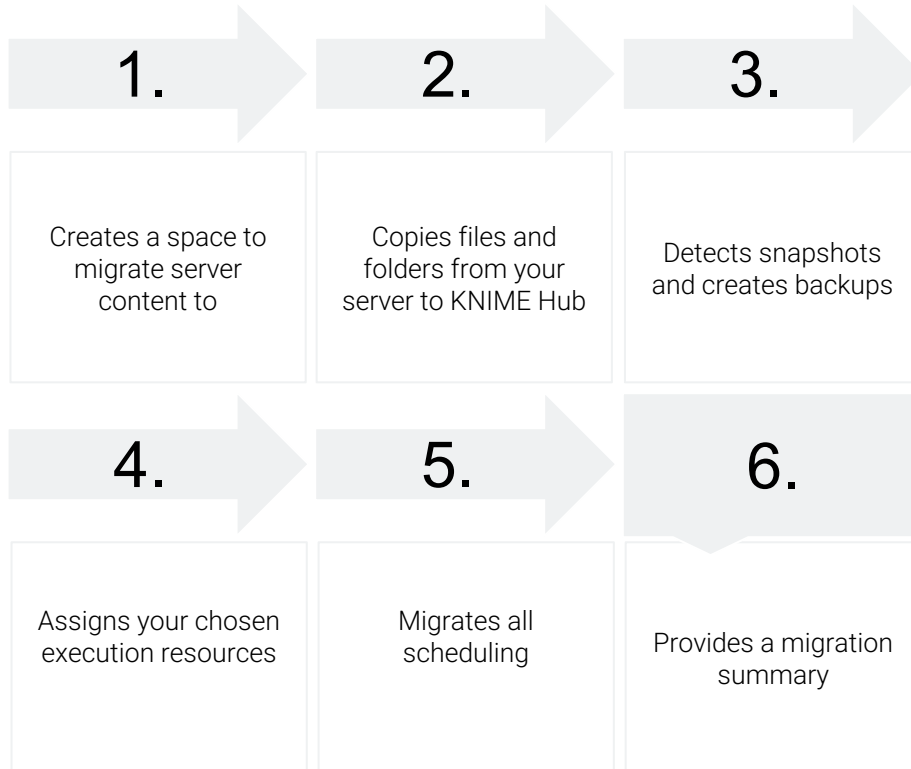


Request a paid migration service 

DIY with migration resources 

Automate Server to Hub migration with data app

The data app provides an easy interface to handle migration



!

Estimate manual effort before or after migration with the Validator data app

Demo: How data app migrates Server to Hub

Server to Hub Migration

Configure Server and Hub Connections



Connection to Server

Automatic Server configuration

Connect to Server

Connected to Server

Hub Credentials

Application password ID

Password

Hub Location

https://my-business-hub.com

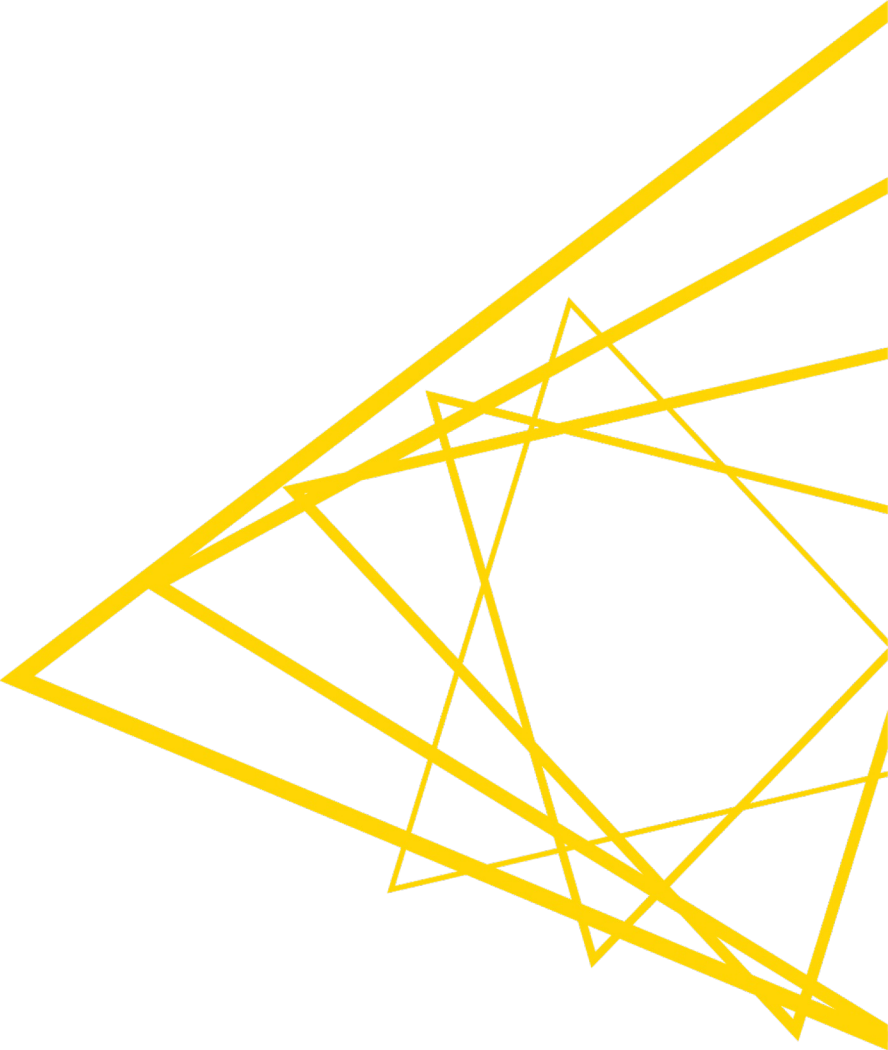
Connect to Hub

Could not connect to Hub. Make sure the entered information are correct

Cancel

Next

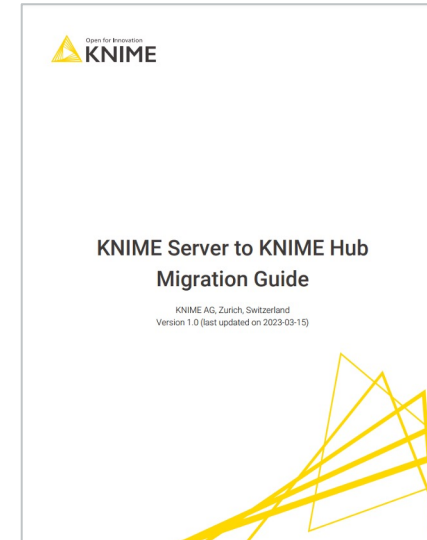
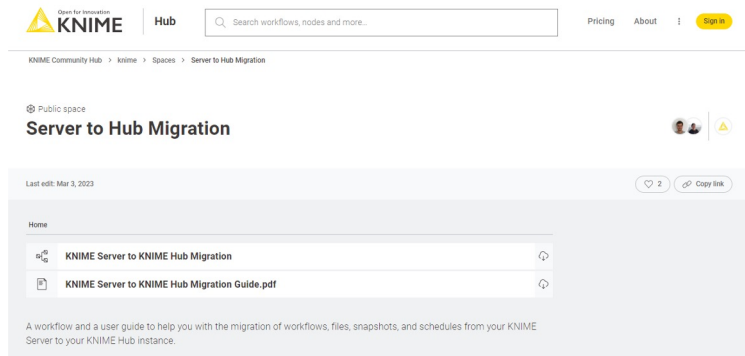
Live Q&A



KNIME Server to KNIME Hub migration resources

Find all migration resources on KNIME Hub in the Server to Hub Migration space:

- [KNIME Server to KNIME Hub Migration workflows](#)
- [KNIME Server to KNIME Hub Migration Guide](#)



- Contact your Account Manager at KNIME to find out more about the paid migration service