

Status Update Discussion

Indico Status

November 8, 2022

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Outline / Contents

Current Status

Problems & Roadblocks

Release Strategy

Questions/Discussion

- **UKAEA Indico** instance is currently live and operational

Virtual Machine (VM) host : indico-ukaea.apps.l

- Ubuntu 22.04,
- 2 cores,
- 4GB RAM,
- 18GB local disk → expanded to 26GB,
- 100GB underlying storage allocated and available.
- SSL certificate and DNS alias.

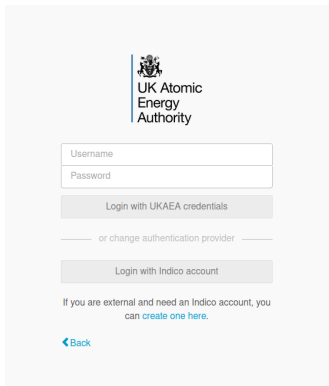
<https://indico.ukaea.uk>*

*VPN or site network needed

Current Status

UKAEA theme available (WIP)

<https://git.ccf.ac.uk/jg3176/ukaea-indico-theme>



The image shows a login page for the UK Atomic Energy Authority (UKAEA). At the top, there is the UKAEA logo and name. Below this, there are two input fields for 'Username' and 'Password'. A button labeled 'Login with UKAEA credentials' is positioned below the password field. Underneath this button, there is a link that says 'or change authentication provider'. Below that is another button labeled 'Login with Indico account'. At the bottom, there is a message: 'If you are external and need an Indico account, you can [create one here](#).' and a blue link with a left arrow labeled 'Back'.

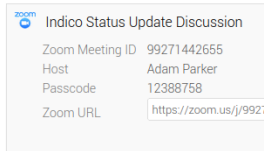
Plugins

Standard core plugins with Indico 3.1.1

Ones of interest:

- Zoom
Using 'zoom.us' account..
- Paypal/Bank Transfer
(untested)
- S3 Storage
(untested, future?)

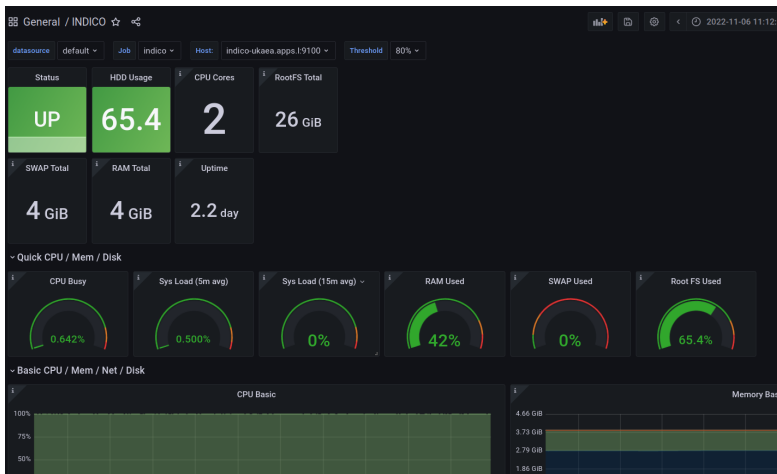
Videoconference



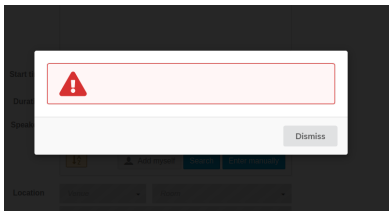
The image shows a Zoom meeting link for an 'Indico Status Update Discussion'. It includes the Zoom logo, the meeting ID (99271442655), the host (Adam Parker), the passcode (12388758), and the Zoom URL (https://zoom.us/j/99271442655).

- Used mostly by me at the moment..
 - Weekly MAST-U Data Systems meetings
 - Successful for Data Management Group Meeting (2 hours)
https://indico.ukaea.uk/e/DMG_221004
- Pitched to Tokamak Science for calls, proposals, and conference deadlines.
- Monitoring has been setup
Prometheus, Grafana, and PagerDuty

Current Status - Monitoring



- Multiple VM crashes since it started
- Proxmox host previously crashed and the VM couldn't automatically migrate to another node.
- Last week, filesystem randomly changed to read-only (breaks Indico)
- Maintenance planned this week for Krishan to fix things
- **VERY VERY SLOW**
- Mystery red box of surprises



Microsoft Teams Plugin

Integrate Microsoft Teams conferencing similar to Zoom plugin.
Ability to create Teams rooms or attach meeting to the Indico page with join options built-in.

<https://github.com/Azargaz/INZ202021-Indico-MSTeams-Plugin>

Good starting point but requires a lot of work (2 years old)

Outlook Integration

Ideal to have combination of Indico and Outlook/Calendar
Reduce the need for making two separate events/invites

However, this would be considerable work

Welcome to Indico. The Indico tool allows you to manage your events and resources.
To start browsing, please select a category below.

Organisation Categories

Category structure is not finalised
Also depends on the group level
information

Site-wide so not easy to know who makes
the decision..

Test Area

Departments

Conference, Workshops, and Events

Schools, Forums, and Courses

Outreach

Committees

Calendar

LDAP groups information + permissions

Group/Department information unavailable from LDAP

Currently looking to access this from Active Directory (or add it)

Consequences on permissions

eg. only STEP users should access STEP meetings.

Roll-Out Strategy

- Advertise and choose small groups to try using it
- Address problems and collect feedback during this test phase.
- Actively monitor.

Phase 1

Caveat
Events may move / be archived

Development Instance and Live Mirror?

Roll-Out Strategy

- Hand over to CODAS&IT
- Open to public
 - move host (more stable)
 - 'open' filesystem
 - open ports/port forwarding

Non-trivial so I hear

- Sorted LDAP information with groups
- Finalise Category Structure

Mid January???

Phase 2

Roll-Out Strategy

- Fully operational
- Main tool for events:
 - internal group meetings,
 - UKAEA team talks,
 - external conferences,
 - calendar tracking?
- Teams + Outlook Integration
- Robin + Room booking???

Mid March???



Phase 3

Questions?/Discussion