



NSM-Forum

<https://nsm-cdac.community/forum/>

Agenda



INTRODUCTION

FEATURES

CATEGORIES

NSM FORUM

APPROACH

Introduction: The Power of Communication



A dedicated discussion platform that brings together users from various NSM (National Supercomputing Mission) sites and ultimately creating a collaborative and enriching environment for the NSM community

Goal

- to facilitate meaningful discussions
- sharing of knowledge
- ideas exchange among users



Engaging the Audience : Features



- **Discussions:** Users can create threads within their respective domains to initiate conversations and seek answers to their questions or share their expertise
- **Replies:** Engage with other users by replying to threads, providing insights, and offering solutions to various HPC-related topics
- **Access Resources:** The forum offers easy access to a wide range of materials and resources, ensuring that users have the information they need at their fingertips
- Facilitates knowledge sharing and collaboration across sites.



Categories



1. General

- General Guidelines: Explore the rules and guidelines about accessing the forum.
- Announcements: Stay updated with important announcements from the NSM community
- Suggestions: Share your ideas and suggestions to improve the platform
- Request Section: Place requests for specific information or assistance

2. Domains

- Molecular dynamics (subcategories: GROMACS, NAMD, VASP, ...)
- CFD
- Weather forecasting
- Bioinformatics

3. Others

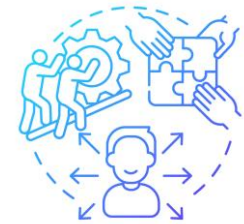
- SPACK
- Compilers
- AI/ ML /DL
- Scripting
- Containers



Other Features



- NSM Calendar Integration: Stay informed about important events, deadlines, and happenings in the NSM community
- Access to Resources: Easily find and access an extensive collection of resources, including articles, tutorials, and media related to HPC
- Dedicated Webpage for Training: Stay up to date with information about upcoming NSM HRD (Human Resource Development) training programs and events
- Watch Threads: Receive notifications for updates on threads you're interested in, ensuring you never miss an important discussion



NSM-Forum



Forums

What's new ▾

Media ▾

Resources ▾

Members ▾

Log in

Register

Search

New posts Search forums

NSM Users Forum

New posts

General



General Guidelines

Threads 0 Messages 0 None



Announcements

Threads 0 Messages 0 None



Suggestions

Threads 1 Messages 2  web page for upcoming trainings
Nov 1, 2023 - Administrator



Request Section

Threads 13 Messages 25  Request for creating a channel or a ...
Feb 6, 2024 - nisha

Forum statistics

Threads: 34
Messages: 65
Members: 124
Latest member: pramodbide

Upcoming Trainings

No upcoming trainings

Latest resources

 SLURM Cheat Sheet
SLURM Cheat Sheet

Domains

Platform: Xenforo



XenFero Cloud

- Fully managed, hosted community solution
- Bypass IT department and have our community up and running in minutes with a XenFero Cloud subscription featuring the complete XenFero software suite.
- Xenforo team experts manage server deployment, performance optimization, software installation, upgrades and maintenance while our team focuses and efforts on growing the community.
- Approximate cost: 650 \$

Self Hosted XenFero Licenses

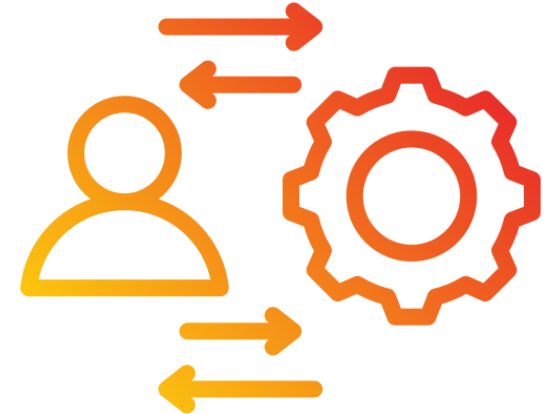
- This will be hosted on our own server where we are allowed to customize to the core
- Approximate cost: 800 \$ (with add ons)

Approach



- Easy Registration
- Moderation: Faculties from different NSM sites can be appointed as moderator
 - In-Place editing
 - Inline moderation
 - Approval queuing
 - Customer-driven moderation

Once this approach is accepted we can switch to self hosted Xenforo platform where we can integrate FAQ portal for easy access



Future Plans



- We initially piloted the forum with users of some selected NSM sites. The link was shared with all NSM-site coordinators, but very less response was received
- We can assign rights of moderator to at least one member from every site, hence taking the responsibility of the forum for that site and proliferating the forum. Users can submit problems related to any domain, GPU execution, and libraries. These problems will be resolved by an NSM system expert or user (who might not be from the same site) who will share solutions based on their expertise and experience
- Adding more sections for different domains



Call of Action



- Join the Forum:

<https://nsm-cdac.community.forum/>

- Stay Engaged:

Participate actively and contribute to discussions.

- Spread the Word:

Encourage colleagues to join and benefit from the forum.



Thank you

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