

The 1st Lustre Italian Class

70 percent of the world's top 100 fastest computers are powered by Lustre

Lustre has the scalability and the reliability to meet the enormous IO requirements placed on the storage systems that support these massively **parallel clusters**.

Lustre's intelligent architecture turns commodity hardware into smart storage devices that manage data objects. The objects are dynamically distributed across the servers, results in performance and scalability.

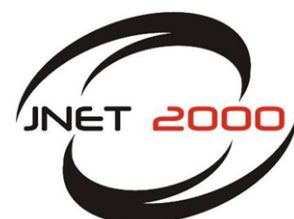
Lustre technology has been developed and maintained as open source software. **Whamcloud** is committed to enabling the **Lustre** technology by opening up file system support to the industry with open feature development and **worldclass support**.

With veteran Lustre engineers and developers working at **Whamcloud** contributing to the Lustre code, Lustre will continue to get stronger as it continues its broad acceptance in HPC and commercial environments.

The **community** of users and stakeholder behind Lustre are committed to supporting and extending the **Lustre** file system. This means helping to focus and extend Lustre development in areas deemed critical to users.

JNET 2000 as a **Whamcloud** partner brings to the Italian HPC market Level I and II of Lustre Support and report to **Whamcloud** Level III customer issues.

JNET 2000 is proud to announce the first Italian class hosted by **CINECA**, the largest Italian computing center and delivered by **Whamcloud's** Lustre veterans.



Administering Lustre Clusters

The **Administering Lustre Clusters** course is intended for system administrators, architects, and integrator who are interested in deploying Open Source Lustre installations and/or performing configuration management.

This 3-day class covers in depth installation, best practices, and demonstrations focused on deployment of services and project management procedures. All aspects of configuration and tuning will be reviewed. The course include laboratory and hands-on sessions.

Audience: Architects who need to quickly learn Lustre High Performance Filesystem. System administrators and other IT professionals who require proficiency performing core tasks with Lustre.

Prerequisites: Previous Linux administration experience is needed.

Course Content:

- Lustre Overview
- LNET Overview
- Installation
- Hardware – Design
- Client IO
- Filesystems Operations
- Locking
- Recovery
- Running Lustre in Production



1700 EURO

Format: Instructor-Led Classroom

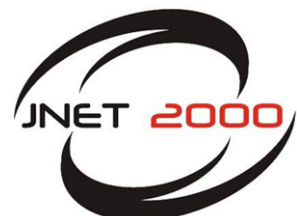
Dates: 19 - 20 - 21 December 2011

Length: 3 Days

Language: English

Where: CINECA, via Magnanelli 6/3, 40033 Casalecchio di Reno, Bologna - ITALY

Certified By: WhamCloud



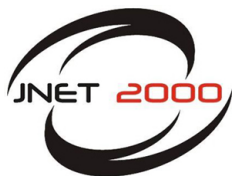
Administering Lustre Clusters



Whamcloud is a venture-backed company comprised of veterans of the global high-performance computing (HPC) storage industry. We are focused on enabling unprecedented application scaling through the evolution of HPC storage technologies, in collaboration with the world's foremost scalable HPC centers. Whamcloud builds scalable high performance storage solutions based on the industry-standard Lustre® massively parallel distributed file system for Linux and associated hardware computing and data storage environments.



CINECA is a non profit Consortium, made up of 50 Italian universities, The National Institute of Oceanography and Experimental Geophysics – OGS, the CNR (National Research Council), and the Ministry of Education, University and Research (MIUR). Today it is the largest Italian computing center, one of the most important worldwide. With more than three hundred and fifty employees, it operates in the technological transfer sector through high performance scientific computing, the management and development of networks and web based services, and the development of complex information systems for treating large amounts of data.



JNET 2000 S.p.A. is an Italian ICT engineering and services company, working successfully for more than ten years and delivering robust and timely solutions to leading corporate customers. JNET 2000 professionals design, deliver and support innovative and complex Information & Communication Technology infrastructures and services based on proprietary and open source products. **Think Parallel(TM)** is a line of business with the mission of support the Enterprise and Organizations to adopt parallel technologies using bleeding edge solutions.



Since its establishment in 2002, **E4 Computer Engineering** has been designing and manufacturing high performance systems which aim to accomplish both industrial and scientific research requirements and reach a variety of customers ranging from universities to computing centers. Thanks to the established experience and the outstanding quality of its products, **E4®** is acknowledged and appreciated as a valuable technology supplier by prestigious organizations such as C.E.R.N. in Geneva or the EPFL in Lausanne to name but a few. We design each system individually, after a thorough analysis of the buyer's requirements and we make avail of our strong and solid partnership with the most important technology vendors, to deliver highly personalized, cost effective and power saving solutions which are always subjected to a stress test treatment before reaching the customer's HQ.