



TeamForge Lab Management

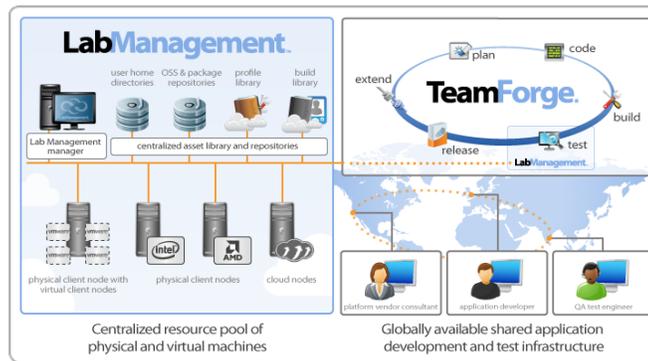
Overview

TeamForge Lab Management™ is a cloud-enabling service that significantly reduces infrastructure costs while promoting development productivity and rapid innovation. Plugging into TeamForge, Lab Management provides self-service provisioning of software profiles and servers (physical and virtual) for distributed development, test, build and IT operations teams.

The key capabilities Lab Management include:

- Dynamic allocation of systems for development, build, and test
- Centralized management of system profiles and build components
- Governance and reporting

Lab Management is tightly integrated with CollabNet’s market leading solution for Agile Application Lifecycle Management – CollabNet TeamForge®. Working in tandem, Lab Management and TeamForge facilitate the modeling and enforcement of organizational structures and relationships (such as outsourced teams, contractors, or partners) with a rich role-based access framework.



Elastic Provisioning of Systems for Development, Build, and Test

Using Lab Management, geographically distributed teams can reserve a set of physical or virtual systems from a central pool of resources and rebuild these systems according to any pre-defined build, test, and deployment configuration. Once build and test activities are completed, the reserved systems are released back into the shared pool of resources for immediate re-provisioning.

Centralized Management and Reuse of Build Components

TeamForge Lab Management provides a fully searchable and secure central repository of systems and software configurations to facilitate standardization and reuse. Cross-project access is controlled with permission to assets.

Improved Visibility and Alignment with TeamForge Projects

System utilization can be monitored in real-time or in summary reports, by project, user, or system. Underutilized or unallocated systems from the global resource pool can be quickly identified.

Developer Benefits

- Self-service provisioning speeds development process
- Profile library automates system configuration and build replication
- QA and test streamlined by control of access and reuse of system configurations

IT Benefits

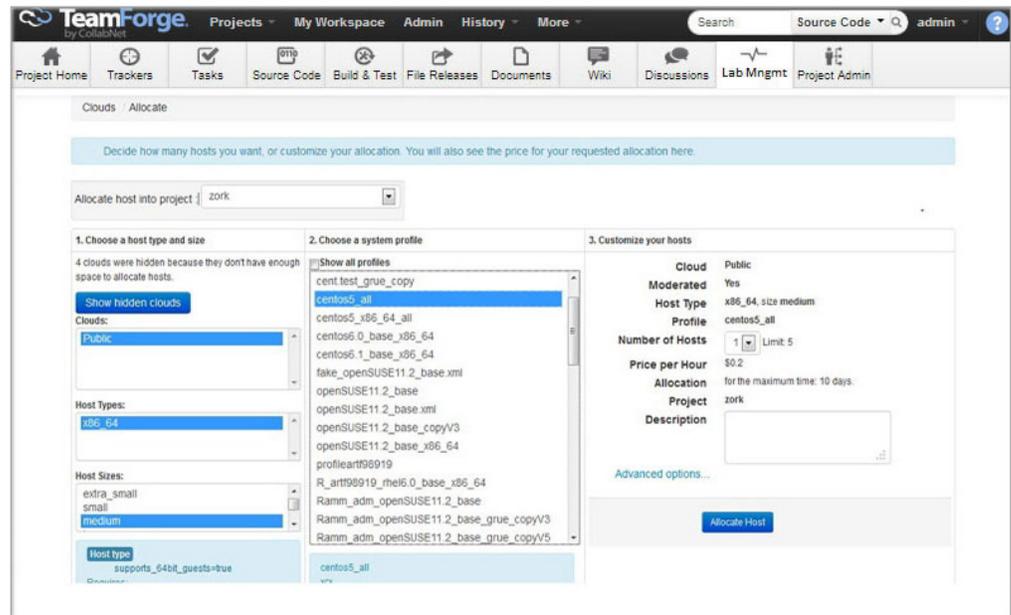
- Secure access and control of system resources and configuration profiles
- Real-time monitoring of world-wide development resources for optimization and management
- Offload tedious system configuration tasks required for development teams

Executive Benefits

- Save up to 90% of hard costs by pooling resources, simplifying administration
- Enhanced reporting for compliance, internal chargeback
- Reduce costs of development infrastructure
- Visibility into worldwide development systems

Built on Cloud Standards – Apache LibCloud®

Lab Management lets users provision servers in their own private cloud, in CollabNet CloudForge, or in public clouds such as Amazon EC2. Using Apache Libcloud, built for more than 25 popular cloud services, Lab Management integrates with public cloud providers while abstracting away differences among cloud provider APIs.



Centralized Management of System Profiles

Profiles can be tracked and versioned so that previously configured systems can be re-created at any point to easily test new code, revert to previous configurations, and compare system versions.

Integration with Application Lifecycle Management Products

- Centrally manage users and assign fine-grained permissions.
- Easily model and enforce organizational structures and relationships (such as outsourced teams, contractors, or partners) with a rich role-based access framework.
- Map specific tool- or resource-access levels within projects to the needs of a particular role or group to comply with security policies.
- Validate users against CollabNet TeamForge or existing LDAP systems for centralized access control.

TeamForge Lab Management reduces administrative costs, increases productivity, and improves visibility.

Key benefits include:

For development teams	For IT operations	For executives
<ul style="list-style-type: none">• Self-service provisioning speeds development process• Profile library automates system configuration and build replication• QA and test streamlined by control of access and reuse of system configurations• Support for most popular build and test tools• Tightly linked to ALM process and tools	<ul style="list-style-type: none">• Secure access and control of system resources and configuration profiles• Real-time monitoring of world-wide development resources for optimization and management• Offloads tedious system configuration tasks required for development teams	<ul style="list-style-type: none">• Server consolidation• Audit support• Reporting for compliance, internal chargeback• Reduce costs of development infrastructure• Visibility into worldwide development systems

Implementing Enterprise Cloud Development with CollabNet

As the pioneering leader in ALM solutions, CollabNet offers you a proven, powerful and scalable platform that lets you gain the greatest results in distributed software development. With a reliable, high-performance environment to drive your success, CollabNet's integrated products meet your toughest development demands without fail.

Learn more at <http://www.collab.net/products>.

Build Automation with Hudson & Jenkins

With TeamForge and Lab Management, you can automate provisioning of build and test servers as part of the Continuous Integration & Delivery process.

TeamForge and Lab Management closely integrate for this with popular build tools such as Hudson and Jenkins.

Contact Us

Corporate Headquarters
4000 Shoreline Court, Suite 300
South San Francisco, CA 94080
United States
Phone: +1 (650) 228-2500
Toll Free: +1 (888) 778-9793

Topics trending now



Many of the latest technology announcements have implications for PaaS and cloud development that will serve agile businesses everywhere.

- Enterprise Cloud Development, www.collab.net/ecd
- Continuous Integration, www.collab.net/getci
- 5 Things your Development Team need to be doing now, www.collab.net/5things

About CollabNet

CollabNet is a leading provider of Enterprise Cloud Development. With more than 10,000 global customers, the company provides a development platform and services to address three major trends disrupting the software industry: Agile, DevOps and hybrid cloud development. CollabNet TeamForge[™] ALM, ScrumWorks[™] Pro Agile project management and Subversion Edge and Enterprise Git source code management can be deployed separately or together, in the cloud or on-premise. CloudForge[®] enables cloud development through a flexible platform that is team friendly, enterprise ready and integrated to support TeamForge and leading third party tools. CollabNet complements its technical offerings with industry leading consulting and training services for Agile and cloud development transformations. Many CollabNet customers improve productivity by as much as 70 percent, while reducing costs by 80 percent.

For more information, please visit (www.collab.net).