



## **The Server Labs G-Cloud 11 Service Description**

### **G-Cloud 11 Service Definition - Sonatype Services**

Ref: TSL/GCLOUD11/SERVICE\_DESC\_SONATYPE

Issue : 1.0

Date: May 2019

For: **G-Cloud**

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# 1 Introduction

This document provides you with a description of each of The Server Labs' Sonatype Cloud Services

If you wish to receive further information please contact [sales@theserverlabs.com](mailto:sales@theserverlabs.com)

## 2 Service Definition

All our Sonatype services are provided as a SaaS model on our partner cloud IaaS platforms:

- AWS
- Microsoft Azure
- Google Cloud Platform
- UKCloud

If requested we can supply licenses for on-premise installations.

### 2.1 Sonatype Nexus Repository



Sonatype Nexus is the most popular Repository Manager in the world.

Nexus Professional provides additional features including

- Binary artifact procurement, storage, & sharing
- Build promotion & staging
- Component license, security & quality info
- Authentication & access control
- Improved security
- Enterprise Support

## 2.2 Sonatype Nexus Lifecycle

# Nexus Lifecycle

Sonatype Nexus Lifecycle (formerly CLM) and Sonatype Nexus Pro Plus Edition provide extra governance for your component repository.

According to research from Sonatype

- 46m vulnerable components have been downloaded!
- 90% of repositories have 1+ critical vulnerability!
- 71% of apps have 1+ critical or severe vulnerability!

Nexus Pro Plus Edition provides an enhanced repository manager with Policy controls and the Sonatype Lifecycle server provides the following features that enable you to get better control over the security and IP risks of your third-party software.

-  Precise component identification
-  Automated component policies
-  Customizable management dashboards
-  Component bill of materials for each application
-  Continuous security monitoring and vulnerability alerts
-  Governance across the software development lifecycle
-  Repository Manager Plug-In
-  Integrated Development Environment (IDE) Plug-In
-  Continuous Integration Server (CI) Plug-In

## 2.3 Nexus Firewall

# Nexus Firewall

At the heart of Firewall is the IQ Server, which provides fully-customizable policy management for identifying and protecting your repositories, as well as detailed intelligence regarding each and every component it finds.

Firewall's Audit capabilities automatically tell you when components not meeting your policy enter your repository. Better yet this is displayed directly in your Nexus Repository Manager interface with access to detailed intelligence via the IQ Server.

## **2.4 Cloud Hosting**

The Server Labs can host your Sonatype tools in our partner clouds, AWS, Azure, Google or UKCloud

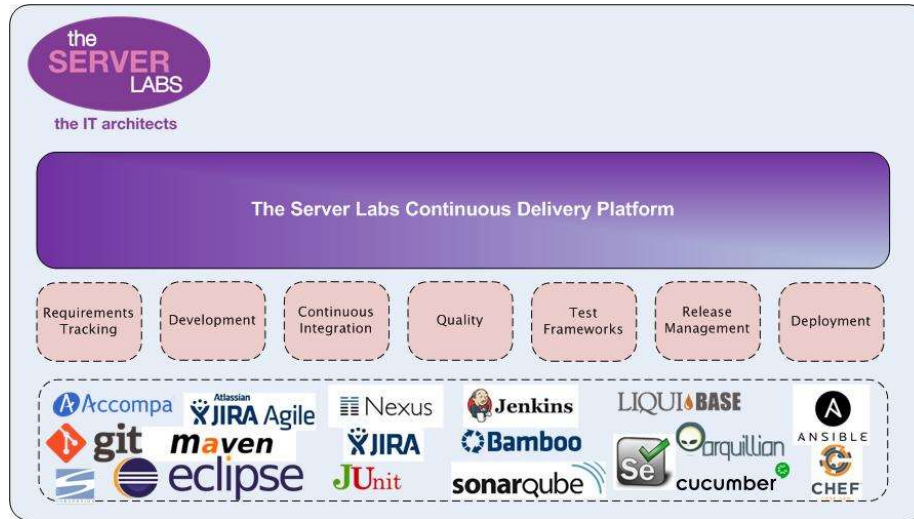
## **2.5 Sonatype Consultancy**

The Server Labs provide a wide range of consultancy services for Maven, Nexus and Lifecycle, including

- Training
- Product installation and configuration
- Troubleshooting
- Development of plugins

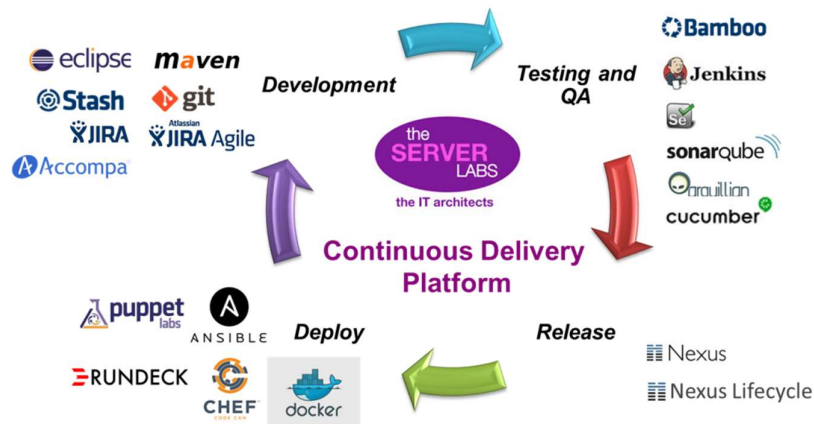
### 3 DevOps - The Server Labs Continuous Delivery Platform

Sonatype products form part of The Server Lab's Continuous Delivery Platform, a key tool in the road towards DevOps and achieving continuous delivery.



#### Benefits for your business

- Formalised development process through entire software lifecycle.
- Mapping software development to business objectives.
- High level of automated testing.
- Objective software quality metrics.
- Efficient integration with process for outsourced software development.
- Highly flexible software release process to respond to changing business needs.
- Integration with existing development methodologies.



## 4 The Server Labs

The Server Labs (TSL) is a 100% privately founded IT Consultancy and Software Development Company with headquarters in the UK and offices in Germany and Spain and now established as a leader in Cloud Computing services. The Server Labs focuses on the design and implementation of IT architectures and advanced software engineering projects working with the most advanced technologies to provide its clients cost-effective, scalable and high performance solutions. The Server Labs has been using the Cloud since 2006 and working with its customers in the cloud since 2008 and was one of the first European partner's of Amazon Web Services.

The Server Labs has clients in many different industry areas such as space, finance and telecoms. We collaborate with our clients to obtain success, committed to innovation, enjoying what we do every day and growing with every challenge.

The Company's mission is:

- To provide **expert services** in the field of IT architectures and advanced software engineering
- To **improve radically the software development process**
- **To help organisations achieve better business results through the correct use of latest technologies**
- To have **100% satisfied clients**
- To create high quality **innovative software solutions**, providing added value to our customers

The specific value, experience and expertise that The Server Labs can provide for e-LfH are:

1. **Technical excellence** and capability to act as lead on architectural decisions and as technology expert in software and system subjects.
2. **Architecture experience at software and system level.**
3. **Proven experience in HPC and Big Data Projects**
4. **Real cloud computing experience, at IaaS, PaaS and SaaS levels, and for both compute power as well as storage solutions in different clouds.**
5. **Quality control based on ISO9001 for all software systems developed**
6. **Technological excellence**, especially in the main technologies required for the project, including HPC, web services and security technologies.

All our architects and engineers are experts with an average of 10 years' experience in the planning, design and development of complex software systems. Our multinational team has been a pioneer in Java technologies, Object Oriented Analysis and Design and distributed architectures, and has the required hands-on experience in many state of the art technologies. In the last few years, The Server Labs has positioned itself as a leader in Cloud computing services, helping organisations move to the Cloud at all levels. For more information on current projects being undertaken by The Server Labs in Cloud computing, please see Appendix B.

Our experience working across several industries has given us a good understanding of the different requirements so we are able to provide the solution that best suits each particular business and reuse the lessons learnt in the other industry sectors when applicable. Our clients span organisations such as Banks (BNP Paribas, BBVA, Caja Madrid) , the European Space Agency (ESA), Madrid Underground (Metro de Madrid), ICCAT, Amadeus, TRAGSA, TIBCO (a leader in Messaging and Service Bus architecture systems), O2 and Telefonica, Vodafone, ORACLE, several, Sun Microsystems, TUI and Marsans travel, etc.