

Webinar Q&A | 25 March, 2009

# Deploying Your Existing Application on the Cloud

**Q. Is there no change required even for JEE based applications running in GlassFish, for example?**

**A.** Correct. However, currently we support standard JEE (war) as well as Spring and Hibernate. Full JEE (ear) is not yet supported, but we are gradually complementing support for EJB 3.0 and JPA in later versions. More details can be found at our [documentation portal](#). The demo applications used in this webinar is running on GigaSpaces and GlassFish on Amazon EC2; see [Sun's blog](#).

**Q. How does GigaSpaces Cloud Tools work with Amazon Elastic Fox and potential new cloud management features coming from Amazon?**

**A.** GigaSpaces Cloud tools are complementary to Amazon tools. You can use both.

**Q. Is GigaSpaces Cloud Tool available as an Eclipse plug-in (like Amazon)?**

**A.** Currently not. In the meantime, you can use the [framework's CLI](#).

**Q. How can I do a capacity assessment for network throughput and compare it with web application stress levels?**

**A.** Each machine running on the cloud is running a ganglia agent. You can access it via <http://publicIP/ganglia>, or learn more about it at <http://ganglia.info/>. In addition, you can view the IMDG statistics and create stats for any running component within the system.

**Q. How do you deploy an application with one or more integration touch points?**

**A.** You can deploy multiple processing units. Moreover, you can use the GigaSpaces XAP-Mule integration; see [example](#).

**Q. Do we have access to the logging files?**

**A.** Yes; see Machine Output Stream in our [web console documentation](#).

**Q. Does GigaSpaces XAP work with any other cloud infrastructures?**

**A.** Currently GigaSpaces provides full integration and cloud tools for Amazon EC2 only. However, GigaSpaces has already partnered with additional cloud vendors including RightScale, GoGrid, Joyent, Flexiscale, and CohesiveFT, and full XAP integration is coming soon.

**Q. Does GigaSpaces XAP work with any other cloud infrastructures? What about private clouds in enterprise networks?**

**A.** GigaSpaces XAP has been used in private clouds for almost a decade. It is a proven solution, trusted by Fortune 100 companies including Dow Jones, Virgin Mobile, H3G and Societe General, as well as five of the world's top online gaming companies; see [customer case studies](#); and [testimonials](#). For more information about GigaSpaces XAP deployment, contact us [info@gigaspace.com](mailto:info@gigaspace.com).

**Q. Do you see a use case for your product to be used inside the enterprise on the internal cloud?**

**A.** Yes; see previous answer. Also, see [Saving Costs using Application/Middleware Virtualization](#), a blog post and webcast by Nati Shalom, or our new [white paper](#).

**Q. Do you have a Cloud management API (just as Amazon) so we can integrate it all into our own console?**

**A.** You can use XAP's [CLI](#).

**Q. Can we bring down a GigaSpaces node deployed on ec2 and see how the load balancer routes request?**

**A.** Yes, you can even try it out; just access [www.gigaspaces.com/mycloud](http://www.gigaspaces.com/mycloud) and test such scenario yourself.

**Q. Does GigaSpaces support hot deployment?**

**A.** Not at this stage.

**Q. Is there a way in which I can automatically (rules based) add a new application server to the cloud?**

**A.** Yes. We will show how to do this in our next webinar so check our [upcoming events section](#) for updates. Learn how to do this [here](#).

**Q. In the cloud descriptor I think you chose large instance for load balancer while small one for gsm and gsc; is there a rationale behind your choice?**

**A.** No; it was simply for the sake of the demonstration. You can also run the load balancer with a small AMI (starting with the latest 2.3.5).

**Q. Is there a set of batch monitoring tools with cep/ rules? Also, when will I be able to configure XAP with Groovy?**

**A.** We provide such monitoring tools via third partners; see <http://www.integrasoftware.com/> where GigaSpaces XAP is configured using Spring. You can manage GigaSpaces using Groovy scripts; see [XAP 6.6 documentation](#). You can also see [XAP 7.0 Early Access documentation](#), as we will provide such examples in 7.0.

**Q. Does your cloud framework allow adding server instances to the grid, automatically, based on load?**

**A.** You can add stateful services based on load or whatever logic you desire. Stateful services, the ones collocated in the spaces, can be moved into a container with free memory while the system is running, based on CPU utilization or any other logic.

**Q. Is there an easy way to view the actual objects (entries) in an in-memory instance?**

**A.** Yes; see: <http://www.gigaspaces.com/wiki/display/XAP66/Query+View+-+GigaSpaces+Browser>.

#### About GigaSpaces

GigaSpaces Technologies is a leading provider of a new generation of application platforms for Java and .Net environments that offer an alternative to traditional application-servers. The company's eXtreme Application Platform (XAP) allows businesses and developers to predictably scale systems under any peak demand, guarantee performance under any data processing load, and seamlessly leverage the economies-of-scale offered by virtual computing environments such as clouds and grids. XAP leverages open-source and standard development frameworks to speed new application development and simplify migration of existing systems from traditional middleware and application server technologies to new virtual computing architectures.

GigaSpaces customers include six of the world's top 10 investment banks, world-leading exchanges, market data providers, hedge funds, retail banks, leading international and US telecommunications and mobile carriers, global Web-commerce companies, five of the world's top online gaming companies, and leading Internet media organizations.

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