



# SlipStream™ Release with Confidence

## On-Demand Creation of Runtime Environments on Clouds

SlipStream™, by SixSq, deploys runtime environments in a cloud automatically, on-demand, and releases the resources after use. SlipStream™ users do not have to worry about configuring complex hardware and software to create personal runtime environments, representative of production conditions.

SlipStream™ is now available both on StratusLab\* and Amazon EC2 for cloud resources. This allows SlipStream™ to be deployed on private infrastructures. The SlipStream™ deployment at [slipstream.stratuslab.eu](http://slipstream.stratuslab.eu) is free of charge for all StratusLab users.

### How does it work?

SlipStream™ is accessed via a simple Web 2.0 application. Users can organize their work in project hierarchies. Each SlipStream™ artifact is version controlled, providing complete history of changes.

Two main workflows are available in SlipStream:

1. *Virtual machine (and disk) factory*: Allows a user to specify the content of each virtual machine.

2. *Deployment and service orchestration*: Control of and synchronization between inter-dependent software components.

### Hybrid Cloud Solutions

SlipStream™ is ready for multi-cloud usage, an important use case for the second year of StratusLab.

Users will soon be able to leverage their virtual machine creation recipes, as well as their deployment models, across different clouds.

Site Administrators the possibility to re-generate virtual machines for different cloud services, on-the-fly.

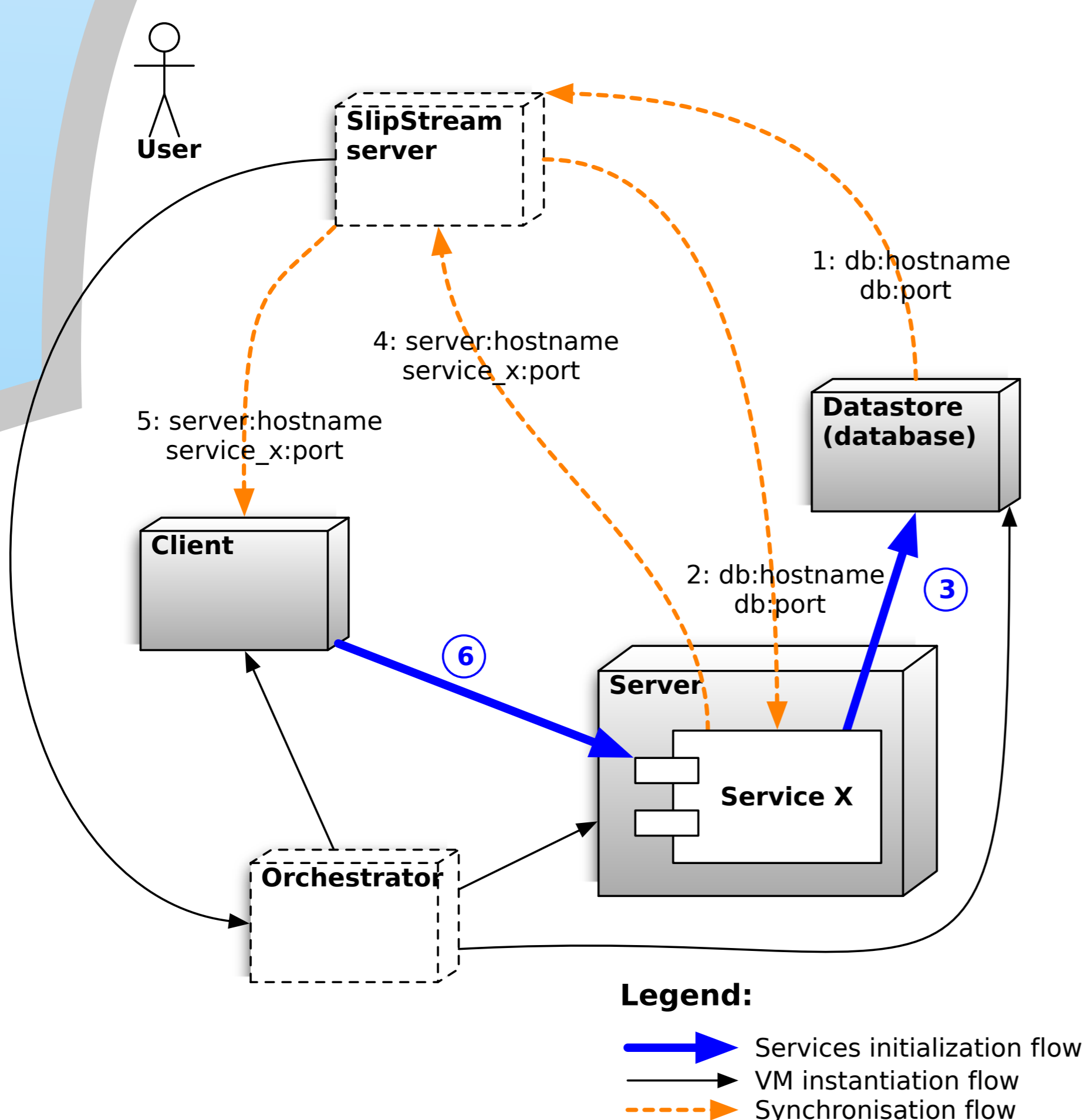
**"SlipStream™ is to software what the robotic assembly line is to manufacturing"**

### Continuous integration and deployment on clouds case studies

SlipStream™ is currently being evaluated in the context of ground control software systems at the European Space Agency. This work includes streamlining their development and release processes, such that their time-to-market is dramatically reduced.

Using SlipStream™, people can automate the creation of virtual appliances and deployments, such that full sites, can be deployed within minutes. For example, deployment of European Grid Infrastructure (EGI) sites via StratusLab open-source private IaaS cloud distribution.

**"Declare war on pre-release stress. Release often and under your own terms. Improve software quality. Reduce time-to-market. These are a few reasons why we hope you'll enjoy using SlipStream™ !"**



Simple deployment overview