

# The StratusLab Cloud Distribution

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**Abstract.** StratusLab develops and provides an open-source cloud distribution that allows data centers to expose their computing resources as an "Infrastructure as a Service" (IaaS) type cloud. Administrators can run their services over the cloud to improve availability, scalability, and maintainability of their grid and non-grid services. Virtual organizations and users can use the cloud to develop custom computing environments and domain-specific services. This presentation describes the capabilities of the StratusLab 1.0 release and the development roadmap for the second year of the project.