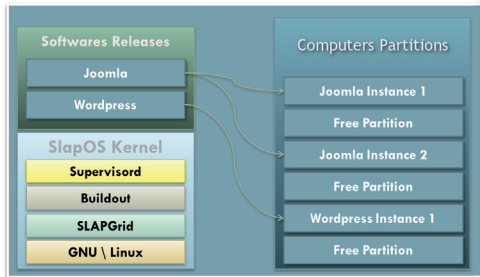
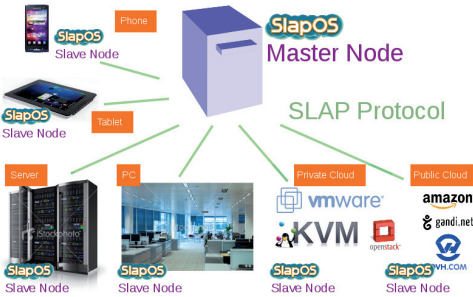


# Resilience and Cloud Computing



SLAPOS



**SlapOS** is a decentralized Cloud Computing technology created by Nexedi and VIFIB. It can automate the deployment and configuration of applications in a heterogeneous environment.

SlapOS supports IaaS, PaaS and SaaS applications. SlapOS handles the provisioning of application instances with accounting and billing modules. SlapOS also provides a portal and interface to handle customer registration, support request, invoicing and payment actions. If you run more than 20 instances of the same application or operate more than 10 servers, SlapOS is for you. It helps you to turn any software application into a solid SaaS in less than a week. With the help of SlapOS, multinational companies can provide a common and consistent implementation of business applications to all their overseas subsidiaries in much shorter time than traditional implementation process. Entrepreneurs and software publishers can quickly create proprietary SaaS solutions for vertical markets or for domain specific applications.

Resilience in SlapOS consists in adding layers of security, among them code certification, malicious process detection, distribution and coordination of the SlapOS Master with techniques inspired from grids federation à la BonjourGrid.

More information: [www.slapos.org](http://www.slapos.org)

SlapOS is a Free/Libre and Open Source Software, and has many contributors such as:

Corporates: Alixen, Bull, Dashing Soft, Nexedi, VIFIB, ZP Web Sites.

Academies: Telecom ParisTech, University Paris 13.


The FUI-12 Resilience project is funded by DGCIS, Région Ile de France, Ville de Paris

Contact: [www.nexedi.com/contact](http://www.nexedi.com/contact)

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# Resilience and OfficeJS (an Office Web application)



The screenshot shows the OfficeJS web interface. At the top, there are navigation tabs for 'Email', 'Documents', and 'Calendar'. A user profile 'en' is visible, along with links for 'Settings', 'Help', and 'Sign out'. Below this is a search bar with 'UNG docs' and a 'Search Docs' button. The main content area has a 'Create New' dropdown and an 'Upload' button. On the left, there is a sidebar with navigation options: 'All Documents', 'By Subject', 'Hidden', 'Owner', 'Recent', 'Shared by me', 'Starred', and 'Trash'. Below the sidebar, there is a section for 'Add gadgets' and a message: 'Your tab is empty. Please use link (Add gadgets) to prepare it yourself.' The main document list has a table with columns: 'Delete', 'Change State', 'Title', 'Sharing', and 'Date'. The table contains two rows of 'Untitled' documents, both in 'Draft' status, dated 'Tue, 29 May 2012 16:13:44 GMT' and 'Tue, 29 May 2012 16:13:48 GMT'. A 'Refresh' button is in the top right corner of the document list area.

**OfficeJS** is a Web-based productivity suite created by Nexedi and supported by a community of open source companies.

OfficeJS provides online authoring and sharing of office documents such as text, spreadsheet, presentation and illustration. Based on modern HTML5 Web standards, OfficeJS secures emails and calendars.

Nexedi provides SlapOS-based custom development and offers support services to facilitate the implementation of OfficeJS for private Clouds or Clouds in privacy-sensitive business environments.

Resilience in OfficeJS consists in adding native features for encryption in JavaScript. Displayed data are encrypted in the browser, without the installation of extensions, before being stored in the content management application. Resilience in OfficeJS also ensures that the contents of an application are not accessible to the others, based on the security technologies inspired by dynamic languages including Caja : <http://code.google.com/p/google-caja>

**More information: [www.officejs.org](http://www.officejs.org)**

*OfficeJS is a Free/Libre and Open Source Software and have many contributors like: Alixen, Alter Way, Nexedi, Wallix, XWIKI.*

*The FUI-12 Resilience project is funded by DGCIS, Région Ile de France, Ville de Paris  
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