



Cloud 9: Future Compatible Computing in Education

"Cloud-onomics" in education

When academic institutions need a sustainable IT system that will adapt to education's changing needs, IBM® Cloud 9 gets schools thinking. Cloud computing uses new innovations in computing technologies to reduce costs and optimize services. It frees resources to be reinvested in more constructive ways. That means schools can spend precious funds on enriching education—not on maintaining an inefficient IT infrastructure.

IBM Cloud 9 lowers IT costs and offers new capabilities. This gives academic institutions new opportunities to:

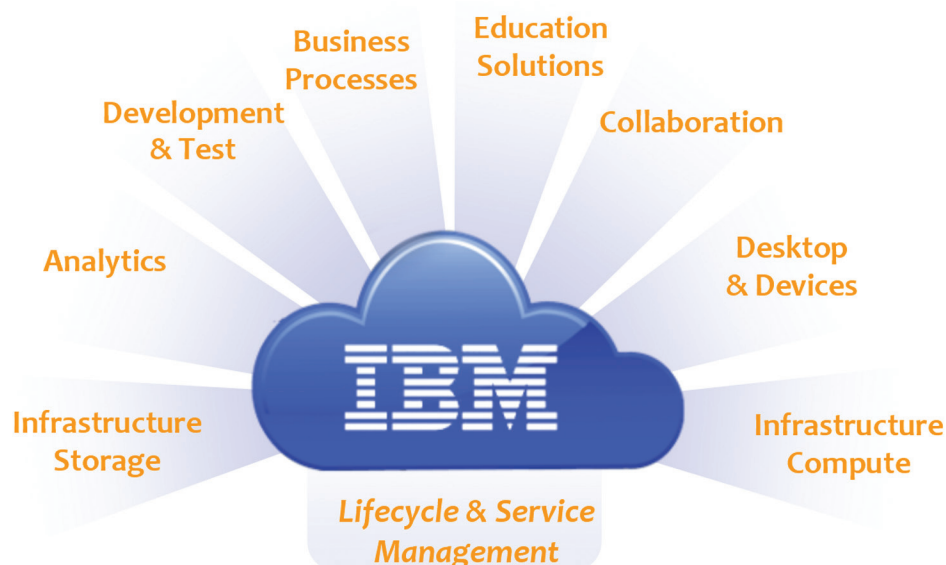
- Enhance student learning
- Develop workforce skills
- Improve administrative efficiency
- Accelerate scientific discoveries
- Create a more robust, agile and flexible infrastructure
- Support evolving education objectives
- Scale with future changes in processing demands, traffic or technology

And how does cloud computing do it all? By incorporating advancements in:

- Virtualization
- Energy efficiency
- Standardization
- Automated self-service

IBM Cloud 9 breaks workloads down with services for education

This IBM solution segments IT workloads with nine valuable services that make implementation easier. This gives academic institutions an accessible starting point for transitioning campuses over to the cloud. Each of the nine services is powered by IBM technology and results in new benefits, such as transforming information into insights, connecting and empowering the academic community and improving effectiveness and efficiency.



"9" ways to get started with IBM

1. Life cycle and service management with IBM CloudBurst™.

A complete system integrates service management software with servers, storage and quick-start services.

2. Smart Business Compute on the IBM Cloud.

Provides virtualized infrastructure to customers that can be composed into virtual data centers, using IBM's Common Cloud Management Platform (CCMP) as its platform to manage clouds in ways that are consistent and effective.

3. IBM Smart Business desktop cloud.

Centralizes desktop operating systems, data and applications in the data center. This enables a browser-accessible, virtualized IT access environment. Thin clients and Internet devices have complete access to platform-independent, hosted applications and full client images.

4. IBM LotusLive™ collaboration.

LotusLive offers easy-to-use communication tools that connect educators, colleagues, students and administrative staff for collaborative teaching and learning, on-campus or off-campus.

5. Virtual Computing Lab (VCL) education solutions.

VCL offers open source software (<http://incubator.apache.org/projects/vcl.html>) and a technical infrastructure tailored for the needs of educational institutions. VCL solutions address challenges such as reduced budgets, increased power cuts, aging equipment, application contention and the demand for teaching, learning and research software.

6. Global Expense Reporting Systems (GERS) business solutions.

Based on advanced automation and analytics, GERS improves process efficiency, reduces costs associated with ineffective travel and expense reporting and rapidly implements or enforces expense policy changes for increased compliance.

7. IBM Smart Business development and testing on the IBM cloud.

Provides full customization and integration for a comprehensive test environment based on a private cloud computing model. This component also offers the option of using existing systems and storage for a complete cloud solution.

8. IBM Smart Analytics system.

This integrated, managed business intelligence (BI) solution delivers query response times that are faster than existing systems and a single source of secure data for BI workloads.

9. IBM Smart Business storage cloud storage infrastructure.

Can be implemented behind client firewalls in managed or unmanaged configurations or as an IBM-hosted offering. The combination of public and private models provides great storage efficiencies and broad workload support.

IBM Cloud Academy

Implementing cloud computing puts your institution in a league of visionary educational colleagues. The IBM Cloud Academy connects you with other K-12 and higher education leaders who are actively integrating cloud solutions. By encouraging collaboration between IBM researchers, developers, IT architects, universities and schools, the IBM Cloud Academy includes you in a community that helps maximize the benefits of your cloud investment.

To learn more or get started with IBM cloud computing, please contact your IBM representative or visit ibm.com/solutions/education/cloudacademy.



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