

Infinite Campus Private Cloud District Migration Discussion

12/10/15

Questions/Comments -- <https://app.gosoapbox.com/>
(Access Code - KDEdata)

Infinite Campus Private Cloud Migration Agenda

- ▶ Purpose
- ▶ Project Requirements
- ▶ Cloud Architecture
- ▶ Benefits
- ▶ Costs
- ▶ Questions/Comments - Soapbox

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Purpose

- ▶ Currently in concept phase soliciting district input.
- ▶ Timely opportunity
 - ▶ KIH3 upgrade provides speed and reliability of the KY K-12 Internet network.
 - ▶ Successful transition of Microsoft Exchange and MUNIS to cloud services.
 - ▶ Reduces district costs while improving security and reliability.
 - ▶ Coordinate with contract renewal.
- ▶ Districts will have choice of whether to migrate or stay on site.

Project Requirements

- ▶ Maintain or improve current end-user experience (ease of access, application response time)
- ▶ Provide adequate service levels (reliability, resource usage)
- ▶ Maintain or improve current security levels to protect access to sensitive data.
- ▶ Continue to support district access to databases for district and 3rd party applications and batch processes with similar reliability and performance
- ▶ Continue to support KDE access to Reporting Warehouse and State Edition databases for KDE-developed reports and batch processes
- ▶ Continue to support KDE-developed end-user reports
- ▶ Continue to support districts that have implemented additional IC modules/components such as Food Service with similar reliability and performance

Cloud Architecture

- ▶ “Infinite Campus Private Cloud” may be a relatively new term to educators. However, it is a well-established distributed data storage methodology that Infinite Campus has refined. It is available to Infinite Campus customers as the most economical hosting solution.
- ▶ Fast and secure, Campus Cloud Hosting ensures the district’s data will always be available. In the case of the unthinkable (e.g., a flood wipes out the district’s network infrastructure), staff and students can simply logon to Infinite Campus as if nothing had happened.
- ▶ ***Current Cloud Customer Base***
 - ▶ 70% of current districts are on Infinite Campus Cloud platforms.
 - ▶ Larger Customers are choosing this proven model.
 - ▶ Clark County Nevada - 314,600 students
 - ▶ The state of Hawaii - 185,200 students
 - ▶ The state of Montana - 120,000 students (*migrated from on premise to cloud*)
 - ▶ Baltimore County Maryland - 107,000 Students
 - ▶ Baltimore City Maryland - 85,000 Students

Cloud Architecture

- ▶ Primary Infinite Campus datacenter in Blaine, MN.
- ▶ Warm-site datacenter in Las Vegas, Nevada.
- ▶ Private KY-only hardware cluster will serve 40,000 students each.
- ▶ Each cluster has its own web address.
- ▶ Secure connection between the KEN and Infinite Campus will be used for database and server-to-server traffic.
- ▶ Access to Infinite Campus from home or mobile devices will not be affected by any KEN downtime.

Benefits

- ▶ Reduce district costs; prevent future district cost increases
- ▶ Reduce reliance on KY infrastructure - KDE's link to KEN, KEN racks in districts
- ▶ Improve uptime - redundant data centers, redundant hardware, on-site staff
- ▶ Eliminate time and resources for on-site service calls
- ▶ Enhance data exchange processes and reduce backup downtime
- ▶ Increased security - SOC2-audited data center accessible only to Infinite Campus personnel

Costs - Hosting Fee

- ▶ Decrease for districts adopting Private Cloud
 - ▶ From \$1.36/ADM/yr to \$.75
 - ▶ Potential costs savings statewide of \$411,000
- ▶ Increase for districts that stay on premise
 - ▶ From \$1.36/ADM/yr to \$2.50
 - ▶ Minimum charge is \$7,500.00 per year

Soapbox Question/Comments

Discussion from <https://app.gosoapbox.com/>