



2015 SYMPOSIUM

# Taking the Next Step



SHERATON FOUR SEASONS | KOURY CONVENTION CENTER | GREENSBORO, NC

**FEBRUARY 23-25, 2015**



# NCEdCloud IAM Service Update

## Home Base Symposium 2015 Greensboro, NC

Mark Scheible, MCNC  
Troy Moreland, Identity Automation



# The Identity and Access Management (IAM) Service

---

## Agenda

- ❖ Overview
- ❖ Applications
- ❖ Videos
- ❖ Teacher View
- ❖ IAM Website & Exercise
- ❖ LEA Planning
- ❖ Key Points
- ❖ Questions?/Contacts

# The Identity and Access Management (IAM) Service

---

## What is the IAM Service?

- ❖ The IAM Service provides LEAs and Charter Schools a tool to enable their students, teachers and employees, to use a ***single account*** to login to integrated Target Applications, including Home Base
- ❖ The IAM Service will be integrated with Home Base applications for ***back-to-school 2015-2016*** (cutover date is July 6, 2015)
- ❖ It is a highly scalable, high-availability cloud service that replaces the current PowerSchool *single-point-of-failure* SSO system
- ❖ *Self-service* user password changes and resets are provided
- ❖ Integration of up to *10 additional applications* per year, all accessed with the same NCEdCloud IAM Service account

# The Identity and Access Management (IAM) Service

---

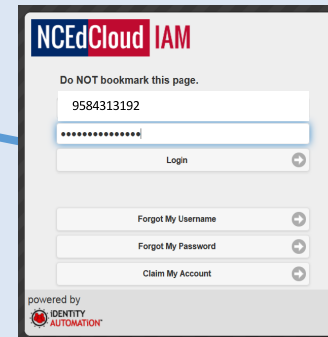
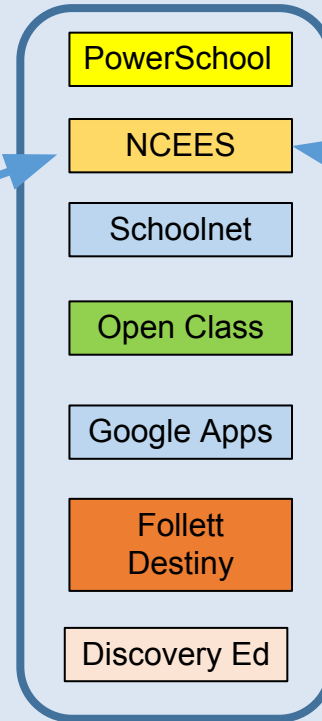
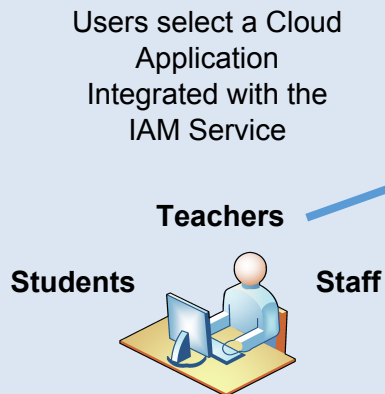
## How Will It Affect Me?

- ❖ The only ***visible change*** when accessing applications will be the NCEdCloud IAM Service login page
- ❖ The NCEdCloud Username will be the ***eScholar UID*** that is currently used by many to access PowerSchool/Home Base
- ❖ All users will need to Claim their Accounts prior to July 6th, 2015 (or before they need to access Home Base applications)
- ❖ Teachers will have the ability to assist their students with usernames and passwords

# The Identity and Access Management (IAM) Service

## How does the IAM Service work?

Applications Integrated with the IAM Service



1. NCEES routes request to the IAM Service
2. The IAM service presents a login screen
3. User enters UID# (username) and password
4. The IAM Service authenticates the user
5. User accesses application with privileges based on their role(s)
6. User may access all other integrated applications without logging on again.

# The Identity and Access Management (IAM) Service

---

## Applications (1)

- ❖ Home Base Applications will be integrated in Summer 2015
  - Pearson **PowerSchool**
  - Pearson **OpenClass**
  - Pearson **SchoolNet**
  - **NCEES**
  - Learning Object Repository
  - NCEdCloud LMS Winner (Currently in RFP Process)

# The Identity and Access Management (IAM) Service

---

## Applications (2)

- ❖ Applications “still in queue” but Home Base was prioritized ahead of them:
  - SAS EVAAS for K-12, Edmodo, Microsoft Office 365, mClass
  
- ❖ Future Applications will likely include
  - Online Digital Content (planned to replace textbooks)
  - Other Applications or resources prioritized based on LEA selection criteria
  
- ❖ Applications **Currently Available**
  - Google Apps, Follett Destiny, DiscoveryEd, Zscaler, CDLR, Microsoft Office ProPlus Benefit (formerly Student and Teacher Advantage)



# The Identity and Access Management (IAM) Service

## Videos

The screenshot displays the 'Access Request Management System' interface. At the top, it says 'Access Request Management System' and 'Logged in as: pwjrm6392 Logout'. Below this is the 'Application Access' section, which includes a sidebar with navigation options like 'Application Access', 'Account Management', 'File Access', 'Sponsorship', 'Workflow', 'Dashboard', 'Reporting', and 'Configuration'. The main content area shows 'My Applications' and 'Other Applications' tabs, a search bar, and a grid of application icons including ARMS Archive Reporting, DNS, DSS, Data Security Resources, PowerSchool, SchoolNet, NCEES (TNL), OpenClass, NCEd Cloud IAM Help Desk, NCEd Cloud IAM Information, IAM Website Forums, IAM Auto Support, LEA Codes, NCDPI Codes, NCDPI EDDIE, and Training. At the bottom left, it says 'Licensed to: NCDPI' and at the bottom right, 'Application Information'.

<https://docs.ncedcloud.org/doku.php?id=enduser:claimaccount>

<https://docs.ncedcloud.org/doku.php?id=enduser:firstlogin>

# The Identity and Access Management (IAM) Service

## Teachers (1)

The screenshot displays the 'Access Request Management System' interface. The browser address bar shows the URL: <https://my.ncedcloud.org/arms/protected/#/ACCOUNTMGMT>. The page title is 'Access Request Management System' and it indicates the user is logged in. The main navigation includes 'Application Access', 'Account Management', 'File Access', and 'Workflow'. The 'Account Management' section is active, showing tabs for 'My Employee Profile', 'Whitepages', and 'My Students'. A 'Change Password' button is highlighted with a red box and labeled 'Teachers can change their students' passwords'. A table of student accounts is shown with columns for 'First Name', 'Last Name', 'Username', and 'Default Password'. The row for 'Sample Tudent112' is selected, and a red box highlights the 'Username' and 'Default Password' columns, labeled 'Teachers can view username / default password for their students (only)'. An 'Export' button is also highlighted with a red box and labeled 'Export button...'. The 'Account Details' panel for 'Sample Tudent112' shows the email address 'student112@students.ncedcloud.org', campus 'LEA 1 School AA1100', and various roles and groups.

Access Request Management System

Logged in as: [User] Logout

NCEdCloud Account Management

My Employee Profile Whitepages My Students

Change Password Teachers can change their students' passwords

Export button...

Filter Results...

	First Name	Last Name	Username	Default Password
<input type="checkbox"/>	Jimmy	Primary		
<input checked="" type="checkbox"/>	Sample	Tudent112		
<input type="checkbox"/>	Sample	Tudent113		
<input type="checkbox"/>	Sample	Tudent114		
<input type="checkbox"/>	Sample	Tudent115		

Teachers can view username / default password for their students (only)

Account Details

Sample Tudent112  
student112@students.ncedcloud.org

Campus: LEA 1 School AA1100

Username:

Default Password:

Discovery Ed Role: student

Zscaler Groups: LEA-AA1-All  
LEA-AA1-Students  
LEA-AA1-Students-null

Licensed to: NCDPI

Application Information

# The Identity and Access Management (IAM) Service

## Teachers (2)

ARMS-data-export.csv

Home Layout Tables Charts

N38

	A	B	C	D	E	F
1						
2	First Name	Last Name	Username	Default Password		
3	Jimmy	Primary				
4	Sample	Tudent112				
5	Sample	Tudent113				
6	Sample	Tudent114				
7	Sample	Tudent115				
8						
9						

Teachers can export username / default password for their students (only)

# The Identity and Access Management (IAM) Service

## IAM Website

<https://ncedcloud.mcnc.org/>

**NCEdCloud IAM** Home FAQ Resources News Contact Us Support

**For K-12 Teachers and Staff**

**Where To Start?**

**THIS WAY** →

- [About - General Information](#)
- [How Does My LEA Begin?](#)
- [For Teachers and Staff](#)
- [For Charter Schools](#)
- [LEA Administrators \(Login\)](#)
- [Source Data Requirements](#)

**Recent News**

Statistics Now Available  
Post date: 12/23/2014 - 09:59  
IAM Service Integration with Home Base coming July 2015!

Prepare for the July 2015 Integration of Home Base and the IAM Service  
Post date: 12/08/2014 - 09:45

Prepare for the July 2015 Integration of Home Base and the IAM Service  
Post date: 12/08/2014 - 09:55

**Random FAQs**

- How do I disable Account Access?
- How will the Home Base / IAM integration affect parent logins to PowerSchool?
- Why is email address needed in employee and student data?
- Who do I call if I have issues logging in?
- Why can't an email address be used as the Username?

[View all FAQs](#)

# The Identity and Access Management (IAM) Service

---

## LEA Planning

- ❖ Given the scheduled integration date of Home Base applications with the IAM Service (July 6, 2015), LEAs will need to decide **how and when to get user accounts distributed** to their employees and students. All accounts for the IAM Service are available NOW.
- ❖ LEA Administrator, Data Auditor and Help Desk roles should be requested by appropriate LEA Charter School staff ASAP
- ❖ LEAs and especially Charter Schools should ensure their data is complete
- ❖ LEA technical staff will need to plan how students and employees **launch** each Home Base application once they've been integrated with the IAM Service (*Parent access will remain the same*)
- ❖ Tech Directors can request that currently available Target Applications be configured for their LEA or Charter School

# The Identity and Access Management (IAM) Service

---

## Hands On Exercise

- ❖ Go to [my.ncedcloud.org](http://my.ncedcloud.org)
- ❖ Claim your account
  - Choose LEA Employee Claim Policy
  - Enter *DOB, LEA/Charter School Code, UID Number*
  - Complete Challenge-Response Questions
- ❖ View Profile (Account Management / My Profile)
- ❖ If you are a teacher: View Your Students (Account Management / My Students)

# The Identity and Access Management (IAM) Service

---

## Key Points (1):

- ❖ The IAM Service will **replace** the PowerSchool login to HB on July 6th
- ❖ The IAM Service will be used for Home Base and other Online Resources to reduce the number of accounts needed
- ❖ All K-12 Staff and Students will need their Accounts for the 2015-2016 SY\*
- ❖ Accounts are available NOW (but can't be used for Home Base yet)
  - Username is UID/Student Number
  - New password

*\* (Unless an LEA is approved to implement the MARs Option)*

# The Identity and Access Management (IAM) Service

---

## Key Points (2):

- ❖ Data errors MUST be corrected in the Source Systems
  - Students - PowerSchool
  - Staff - UID (most data), Payroll (job codes), HRMS (email)
  - See: [Source Data Schema and Mappings](http://ncedcloud.mcnc.org/resources) (ncedcloud.mcnc.org/resources)
- ❖ Staff will “claim” their accounts
- ❖ Students will get their account information from their teachers
- ❖ Teachers can see all their students’ accounts and set passwords
- ❖ All users can change or reset their own passwords



# The Identity and Access Management (IAM) Service

---

**Questions?**

## **Links:**

NCEdCloud IAM Service - [my.ncedcloud.org](http://my.ncedcloud.org)

IAM Information Site - [ncedcloud.mcnc.org](http://ncedcloud.mcnc.org)

Office Hours - 2nd & 4th Wednesdays @ 1:30 PM

## **Email Addresses:**

IAM Core Team - [iam@ncedcloud.mcnc.org](mailto:iam@ncedcloud.mcnc.org)