Discovery Education

Google Single Sign On

Last Updated August 18, 2014

Overview:

Google Single Sign-On (SSO) enables teachers and students to log into Discovery Education using <u>district</u> Google/Google Apps accounts. Since Google is only used for authentication, user management (provisioning and updating) is achieved by nightly user imports that can be fully automated via FTP. Templates and details follow.

User experience:

Once Google SSO is launched, users will log into Discovery Education by browsing to
https://**google**.discoveryeducation.com

Please note that once Google SSO is launched, users will <u>no longer be able to</u> log into
https://**www**.discoveryeducation.com

Requirements:

- ☑ All teachers AND students must have Google/Google Apps accounts.
- ☐ All schools that subscribe to Discovery Education services must have Google accounts.

Steps to implement:

- ☑ Select Google SSO as your technology of choice
     - Other options include LDAP and SAML/ADFS (also require nightly imports)
- ☐ Contact your Discovery account manager to request Google SSO
     - You will receive paperwork that must be signed and returned
- ☐ Sign and return integration paperwork
- ☐ Build a process to populate import templates (see last pages of this document)
- ☐ Build a process to post CSV import files to Discovery's FTP server
     - ☐ Provide Discovery staff with preference of FTP**S** or **S**FTP
          - If **S**FTP, please provide Discovery staff with the public IP that will post the files
          - (no need to assign a public IP to the computer that executes the nightly process)
- ☐ Determine launch date and communicate it to Discovery staff, teachers, and students
- ☐ Bulk-convert usernames that currently exist in Discovery Education
     - Discovery staff will execute this process

Populate import templates:

For Google SSO, teacher and student templates should be populated.
We recommend that classes and class rosters are also populated.
Please see the last pages of this document for template details

Note:
For each template, all column headers must be present and all required fields must be populated.
Any extraneous commas within the data **must be removed**.

Post import templates to FTP:

Completed teacher, student, class, and class roster templates can be written directly to Discovery's FTP server and processed nightly.

The outputted .csv files must follow a strict naming convention or they will not be processed correctly:

(account_guid)_(user_guid)_(template type)_(date)_(time).csv

The **account_guid** (district GUID) and **user_guid** identify the district and user performing the upload, respectively, in the Discovery Education system. Upon request, the account_guid and user_guid will be provided by Discovery Education.

The **template type** is one of the following:
- teacher
- student_std
- class
- roster

The required date **date** is in the following format:
- MM_DD_YYYY

The **time** is in the following format:
- HH_MM_SS_SSS *(millisecond)*

Example:
10000000-0000-XXXX-XXXX-000000000000_90000000-0000-XXXX-XXXX-000000000000_teacher_08_14_2014_22_02_00_000.csv

DOS command to rename files and add timestamps (all on one line):
rename   original.csv   (account guid)_(user_guid)_(template type)
%date:~4,2%%date:~7,2%_%date:~10,4%_%time:~0,2%_%time:~3,2%_%time:~6,2%_000.csv

Import Templates - Column Headers and Required Fields:

This section gives a high level overview of the Column Headers and the required fields. For a more advanced explanation of how the process works and required fields, please refer to the User Guide (Teacher, Student Std, Class, Roster) and Example file in the My Admin section of Discovery Education.

Teacher template:

Column	Header	Required***	Discovery or Customer Generated	Description	Accepted Entries
A	Site Passcode	Yes	Discovery	This is the Unique Identifier for each school.	
B	Account Name	No	Discovery	Friendly name for your district.	
C	Site Name	No	Discovery	Friendly name for your school.	
D	First Name	Yes	Customer	Teacher's first name.	
E	Last Name	Yes	Customer	Teacher's last name.	
F	Username	Yes (Primary Key)	Customer	Google username + Google SSO suffix **	
G	Password	Yes	Customer	Not used for Google SSO, but required for template. Populate with bogus data	
H	Grade	No	Customer	Grade level for teacher.	K, 1-12
I	Teacher ID	No	Customer	Unique Identifier for teachers within your district.	
J	Email	No	Customer	Teacher's email.	
K	Assessment Access Flag	No	Customer	For Assessment customers only. Determines if user has access to Assessment.	Y or N
L	Archive Flag	Yes	Customer	Determines if user should be created or archived.	N=Import Y=Archive

**Usernames should be submitted to Discovery Education as the Google username + @google.discoveryeducation.com
A Google username of john_smith@district.com should be imported into Discovery Education as
john_smith@district.com@google.discoveryeducation.com
***The column header is required, but populating data is optional.

Student Std template (required):

Column	Header	Required***	Discovery or Customer Generated	Description	Accepted Entries
A	Site Passcode	Yes	Discovery	This is the Unique Identifier for each school.	
B	Account Name	No	Discovery	Friendly name for your district.	
C	Site Name	No	Discovery	Friendly name for your school.	
D	First Name	Yes	Customer	Student's first name.	
E	Middle Initial	No	Customer	Student's Middle Initial.	A-Z
F	Last Name	Yes	Customer	Student's last name.	
G	Username	Yes (Primary Key)	Customer	Google username + Google SSO suffix **	
H	Password	Yes	Customer	Not used for Google SSO, but required for template. Populate with bogus data.	
I	Student ID	No	Customer	Unique Identifier for Students within your district.	
J	Student Grade	Yes	Customer	Grade level for Student.	K, 1-12
K	Parent Email	No	Customer	Parent's email.	
L	Archive Flag	Yes	Customer	Determines if user should be created or archived.	N=Import Y=Archive

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john_smith@district.com@google.discoveryeducation.com
 ***The column header is required, but populating data is optional.

Class template (optional, but encouraged):

Column	Header	Required***	Discovery or Customer Generated	Description	Accepted Entries
A	Site Passcode	Yes	Discovery	This is the Unique Identifier for each school.	
B	Account Name	No	Discovery	Friendly name for your district.	
C	Site Name	No	Discovery	Friendly name for your school.	
D	Class Name	Yes	Customer	Friendly name for the class.	
E	Class ID	Yes (Primary Key)	Customer	Unique Identifier for the class within your site.	
F	Class Description	No	Customer	Friendly description of the class.	
G	School Year	No	Customer	Year that the class will be active for.	1112, 1213, 1314
H	Benchmark Class Flag	No (Assessment Only)	Customer	For Assessment customers only. Determines if class will be used for Benchmark Assessments.	Y or N
I	Grade	No (Assessment Only)	Customer	For Benchmark Assessment classes only.	K, 1-12, MS, HS
J	Subject	No (Assessment Only)	Customer	For Benchmark Assessment classes only.	Reading/Lang Arts = RE, English 1 = E1, English 2 = E2, Mathematics = MA, Algebra 1 = A1, Algebra 2 = A2, Geometry = GE, Science = SC, Earth Science = ES, Life Science = LS, Physical Science = PS, Biology = BI, Social Studies = SS, College Readiness = AC General=GN
K	Semester/Block	No (Assessment Only)	Customer	For Benchmark Assessment classes only.	0 for Full Year, 1 for Fall Semester, 2 for Spring Semester
L	Archive Flag	Yes	Customer	Determines if class should be created or archived.	N=Import Y=Delete

***The column header is required, but populating data is optional.

Roster template (optional, but encouraged):

Column	Header	Required***	Discovery or Customer Generated	Description	Accepted Entries
A	Site Passcode	Yes	Discovery	This is the Unique Identifier for each school.	
B	Account Name	No	Discovery	Friendly name for your district.	
C	Site Name	No	Discovery	Friendly name for your school.	
D	Class ID	Yes (Primary Key)	Customer	Class ID must already exist.	
E	Username	Yes* (Primary Key)	Customer	Username must already exist.	
F	Teacher ID	No	Customer	*Can be used as Primary Key instead of Username, **if mapped**.	
G	Student ID	No	Customer	*Can be used as Primary Key instead of Username, **if mapped**.	
H	Remove Flag	Yes	Customer	Determines if user should be enrolled or removed from class.	N=Enroll Y=Remove

***The column header is required, but populating data is optional.

Templates that are posted to Discovery Education's FTP site are processed beginning at 7 EST. A few minutes after posting, you will receive an the import status can be viewed in the My Admin interface.

For questions or to implement FTP imports, please contact Discovery Education's Technical Support team at 1-800-323-9084 or email education_info@discovery.com.