

Google Suite for Education: Plan & Deploy



Facilitating a reliable, expedited implementation

Highlights

- Helping accelerate the return on your Google investment
 - Leveraging IBM K-12 implementation knowledge and deployment experience
 - Speeds implementation to enhance IT effectiveness
-

Creating a collaborative learning environment is one of the goals of every school district and many districts are adopting Google Suite for Education (G Suite) to achieve this goal. Google's suite of free web-based apps for collaboration and productivity include Docs, Gmail, Drive, Hangouts, Classroom, Sites and more. The 7/24 availability of these web applications is seen as one of the key enablers to make learning with technology ubiquitous. Districts also like G Suite because it helps with budget pressures.

Google Suite for Education is often the district's first application in 'the cloud'. From an IT perspective, these powerful applications can be used by everyone in the district with minimal management by IT. The ability to use applications and services from the cloud frees up IT staff to focus on other key priorities such as infrastructure and classroom technology.

As with any new and important technology, there is a significant learning curve for IT. Not only concerning the technology itself but also how to integrate it with the existing applications and infrastructure. And since these applications will be used by thousands of teachers, students and administrators, a smooth and efficient rollout is key. IBM K-12 can deliver the planning and implementation services you need to ensure a successful deployment for IT, teachers and students.

Federated Authentication Enablement

School districts may choose to enable Google Active Directory Synch (GADS) authentication via Active Directory Federation Services (ADFS) instead of Google's password synchronization service. This allows authentication of users based on your on-premises Active Directory, enabling single sign-on, and prevents users' passwords from being stored in Google's Public Cloud. Instead, Google uses federation services to confirm that a user's password is correct with the on-premises Active Directory.

Another benefit of deploying a federated authentication service includes authentication to other cloud applications without synchronizing passwords with each service.



Solution Offering

Planning & Preparation

An IBM K-12 G Suite specialist will work with the district to plan the implementation including:

- Which users, target schools and applications to enable
- Active Directory discovery and preparation
- Authentication – password synchronization or federated identities
- Security of passwords
- Firewall configuration and bandwidth planning
- Scheduling of synchronization services
- Migration plans for each Google service, as required
- Communication to end users

Deployment

An IBM K-12 G Suite specialist will:

- Create and/or update your G Suite Account
- Install and configure Google Active Directory Sync (GADS) server
- Enable Google password synchronization
- Enable appropriate Google services (Classroom, Docs, Gmail, Drive, Sites etc.)
- Migrate user email accounts and data to Gmail
- Edit current MX and DNS records to permanently re-direct emails to Google
- Enable SchoolConnect configuration services for GADS, as required

Training and Technical Support

- Provide skills transfer to district IT staff
- Provide basic documentation of GADS
- Provide technical support for 3 months for customization, second level support, solution fine tuning and branding

Typical Length of Engagement: 2-3 weeks

Federated Authentication Enablement (Optional)

An IBM G Suite specialist can deploy Microsoft's ADFS, including:

- ADFS planning with district IT staff
- Installation and configuration of the Federation Service and Federation Proxy Services
- Enable GADS authentication with ADFS
- Skills transfer to district IT staff
- Basic documentation of ADFS and GADS enablement

Typical Length of Engagement: 1 week

Why IBM?

IBM K-12 is exceptionally well-positioned as a trusted team member to help you balance the conflicting priorities of managing costs, providing service and fostering innovation. IBM services are driven by proven, consistent methods which empower IBM to implement new technology quickly and cost effectively with minimal business risk or impact on ongoing operations.

For more information

To learn more about IBM K-12 **Google Suite for Education: Plan and Deploy**, please contact your IBM Marketing Representative.

For more information on all our IBM K-12 Consulting and Professional Services, visit:

www.ibm.com/industries/education/canada-k-12-service-briefs



IBM Corporation
3600 Steeles Ave. East
Markham, ON L3R 9Z7 Canada
December 2017 (Revised)

IBM, the IBM logo, ibm.com and IBM K-12 are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at ibm.com/legal/copytrade.shtml



Please Recycle
