

Authentication and Identity Connectors



Flexible options give enterprises the luxury of choice

No enterprise security strategy or solution is complete without authentication. Managing and authorizing hundreds of user identities across disparate systems presents a formidable challenge for any IT organization. BlackBerry Workspaces™ recognizes that authentication and identity management should not be a deterrent to adopting critical new technology. We make it easy for enterprises to deploy Workspaces by providing self-provisioning methods out-of-the-box and by enabling integration with existing systems to align with current policies.

The Solution

Start Collaborating Now

Workspaces provides two default self-provisioning authentication methods to allow users to immediately start securely sharing files with Workspaces:

1. Username-Password

The user can create his/her account through the main login screen. An email link is sent for validation. A security certificate is exchanged on the backend to prevent users from having to re-authenticate every time they enter the system. That said, users must authenticate with every new device they use to access Workspaces.

Password complexity and lockout policies can be set by the system administrator. Parameter settings include:

- Minimum and maximum length
- Minimum and maximum lowercase characters
- Numbers
- Special symbols
- Wrong entry attempts
- Days before re-authentication
- Secret questions for password recovery
- Blacklist: Words that cannot be used

2. Email Authentication

The user is prompted to enter an email address. As with the username and password option, an email with a validation link is sent to the user.

Connectors for Your Existing Authentication Systems

Integrating with existing identity management systems makes it easy for enterprise IT to provision users in Workspaces and for users to utilize existing corporate credentials to access the system and quickly start sharing files.

The Workspaces Enterprise Edition allows organizations to integrate with Identity Connectors using SAML (Security Assertion Markup Language) and OAuth.

Supported enterprise authentication solutions for a Single-Sign-On experience include:

1. Active Directory (Kerberos)
2. Active Directory Federated Services (ADFS) via SAML 2.0
3. Third party authentication solutions that integrate via SAML 2.0
4. Third party authentication solutions that integrate via OAuth 2.0

Workspaces is the only enterprise file sync and share solution that supports mixed-mode authentication. Mixed-mode authentication allows companies to share files with different groups of users by defining different ways to enroll and authenticate them.

In the course of conducting business, corporate relations are constantly in flux – alliances develop, partnerships grow, projects end and companies divest. As such, the only way to address the complex relationships enterprises have with end users is to control how to authenticate them.

With mixed-mode authentication, for example, a company can implement the following authentication scheme:

USER GROUP	AUTHENTICATION METHOD
Employees (internal) Defined full-time workspace owners	Active Directory
Supplier A (external) Defined part-time collaborators	SAML-based single sign-on
Supplier B (external) Undefined project-based team visitors	Default email authentication

This feature eliminates the need for companies to go through the hassle of temporarily adding part-time contractors to Active Directory. Likewise, business transactions need not be delayed as a result of an undefined supplier being unable to access product designs from the internal system. Only authorized individuals should have access to your company's corporate data. With mixed-mode authentication, that can easily be enforced without burdening IT.

Technology Partnerships

Workspaces has successfully implemented integrations with the following providers (more to come):



Learn more at www.blackberry.com/workspaces

About BlackBerry

BlackBerry is securing a connected world, delivering innovative solutions across the entire mobile ecosystem and beyond. We secure the world's most sensitive data across all end points – from cars to smartphones – making the mobile-first enterprise vision a reality. Founded in 1984 and based in Waterloo, Ontario, BlackBerry operates offices in North America, Europe, Middle East and Africa, Asia Pacific and Latin America. The Company trades under the ticker symbols “BB” on the Toronto Stock Exchange and “BBRY” on the NASDAQ. For more information, visit www.blackberry.com