



Comprehensive security at all levels



At Box.net, we take security very seriously and have taken comprehensive steps to ensure that your files are secure inside the Box application from a user, application, data center and network perspective.

“ Even three and a half years later, we haven’t had a need for an expensive server. With Box, we don’t need to maintain hardware, we don’t have to worry about backups, and we haven’t lost anything ”

Judi Sohn

VP of Operations, C3

User Security – You control your files.

Files uploaded to Box are private by default. They are only accessible to others if you choose to share them or make them public.

Granting access

Share a collaboration folder – Any Box user may share a folder with other users. Depending on the permissions you’ve given, users can upload and download files, add comments and start discussions. The folder owner is free to remove access to one or all of the users at any time.

Share a public link – Link to the file download or link directly for embedding in webpages, blogs, or other third-party software. In both cases, Box creates a unique URL and ID made up of a randomly generated combination of letters and integers.

Create a widget – Share a file or folder on a public site by creating a widget. When created, you will receive HTML code that you can embed in any site you control. The widget will display your files and allow visitors to download them as needed.

Restricting access

Grant specific permissions - When you share content, you can grant a specific level of access. Levels include: Preview Only (preview in your web browser - downloading prohibited), Upload Only, Download Only, Upload and Download, or Full Access (which includes the right to delete files).

Password-protect a link to a file or folder – When you create a public link to a file or folder, you may choose to password-protect it.

Set an expiration date for a public link – Set an expiration date on a public link. On this date, the link will become invalid and the user will no longer have access to the file or folder.

Auto-delete a file – Set a date for when a file will be automatically deleted and thus no longer available.

Unshare a file – Even if no expiration date has been set, you can choose to unshare a file at any time. When a file is unshared, it deactivates all public links to the file and removes it from any widgets.

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Application Security – Managing user privileges

Validated access to data - Box uses proven password and privilege techniques to validate access to all data based on a user's privileges. Unauthorized access will cause an error.

On-going user authentication - Box employs strong user authentication which is used with every request to the application. In essence, every single action in Box is only allowed after the system confirms that the user has the privileges to perform the action.

User actions tracking - The Business edition allows administrators to track user actions and gives visibility into usage patterns. Any irregularities will be easy to spot.

Data Center Security – Protecting Box servers & software

Physical Access Control – Box.net hosts its servers at two geographically separated, enterprise-grade Level 3/Tier 1 data centers with ongoing audits and 24x7x365 monitoring and video surveillance. Data is stored with encoded filenames on a secure internal storage cluster behind an enterprise-grade firewall, and we have redundant connections to multiple Internet backbones. Every request is first passed through a carefully programmed and audited verification code, which ensures that the user is authorized for the action requested. We store local snapshots of data and we back up all data daily to an additional facility in a third location.

Fault Tolerance - Our storage cluster provides N+2 fault tolerance, meaning the cluster could experience a double node fault and still maintain 100% data integrity. In the event of a node problem, the cluster automatically begins restriping data so that N+2 protection is achieved again.

Reliable and Redundant - We maintain over fifty versions of our file system as local snapshots. In this manner, we can revert or recover files in the event of a file consistency issue.

99.9% uptime guarantee – We give our Business edition customers a 99.9% uptime guarantee to make sure that you always have access to your files.

Network Security – Protecting your files in transit

SSL security for Business accounts – Box provides 256-bit Secured Socket Layer (SSL) security to encrypt the data between the end user and Box. This ensures that all data transferred between Box servers and the internet arrives securely.

No indexing of files by Search Engines – Box disallows indexing of files stored on Box by search engines or robots, preventing random internet access of your files. All filenames are encoded once they arrive on our servers.

“ Box is like that old faithful partner. It's always there. We've never had a technical issue with it ”

Brian Vos
Jump Studios

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