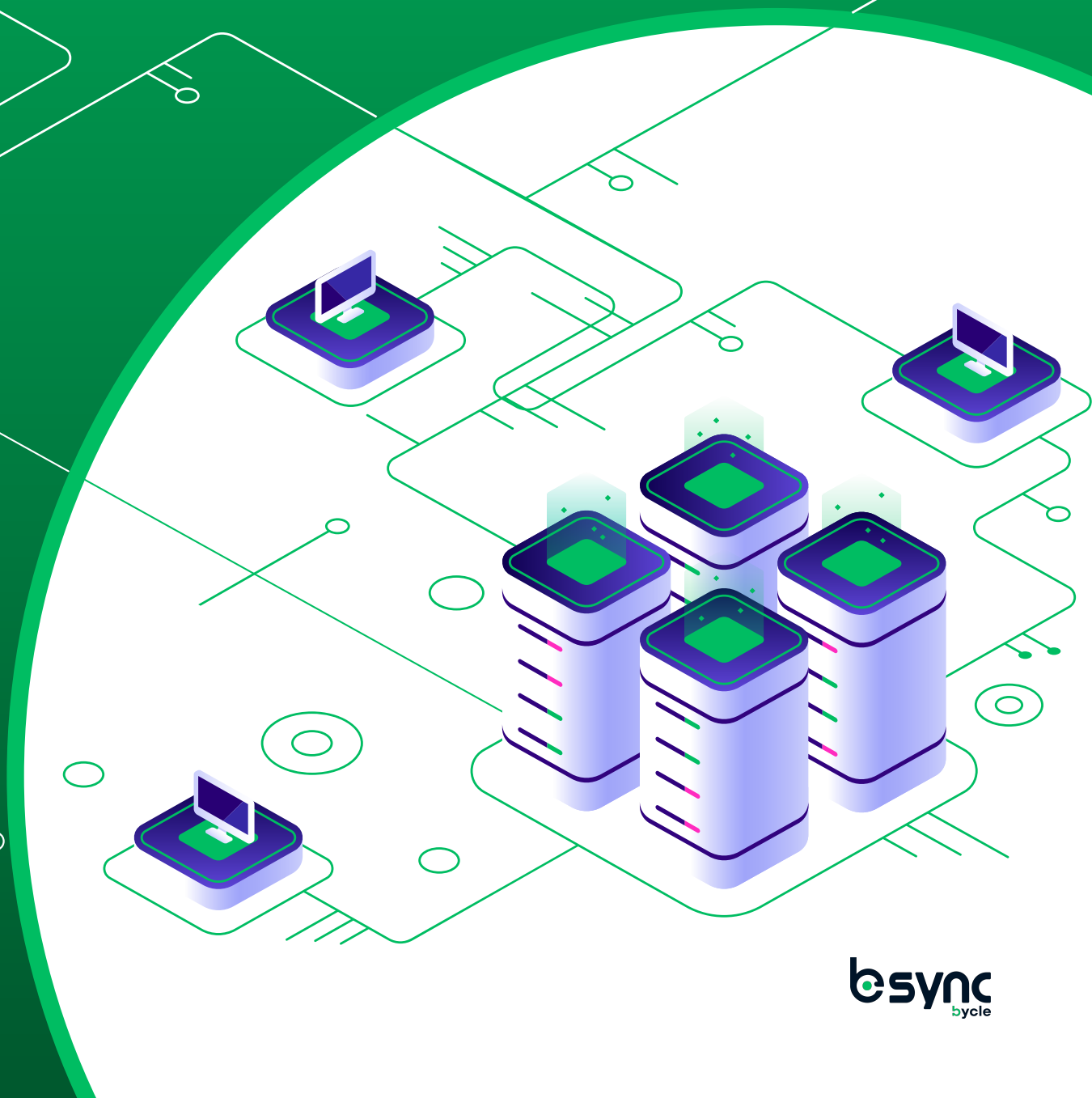


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bsync

File Synchronization Platform



Overview

BSync is a solution that provides a reliable and efficient way for data management and consolidation, both for file and database synchronization.

- For **file synchronization**, BSync provides a secure and efficient method using a direct peer-to-peer architecture. This eliminates the need for a central server or cloud infrastructure.
- For **database synchronization**, BSync consolidates data in real-time from various systems, databases, and applications into a single unified data layer. This helps eliminate data silos and ensures consistency across the organization without disrupting existing systems.

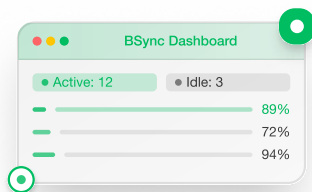
Centralized Management Console

BSync comes with a powerful yet **easy-to-use** management console, giving admins full visibility and control over synchronization activities. The features include:

Dashboard Overview

Real-time insights and control

Get a real-time overview of system status, active sync jobs, connected agents, and statistics in one place.



Agent Monitoring

Complete visibility across devices

Track every BSync agent running on various devices, monitor recent activities, and check agent status.



Agent 1
Online



Agent 2
Online

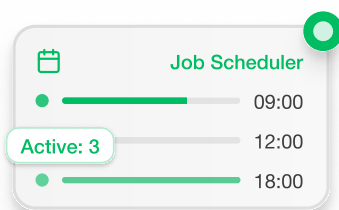


Agent 3
Offline

Managed Jobs

Task automation

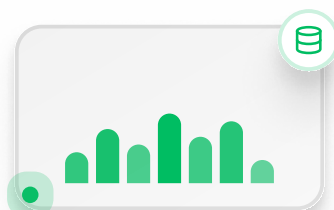
Easily create, schedule, and manage sync jobs. Keep an eye on progress and status updates to ensure everything runs smoothly.



Detailed Reports

Comprehensive analytics

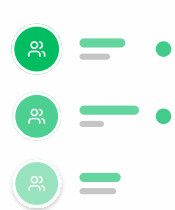
Generate detailed reports on activity logs, and transferred details. Perfect for audits, troubleshooting, and keeping operations transparent.



User Management

Access and permissions

Add, remove, or manage user access and permissions. Define roles to ensure the right people have the right level of control.

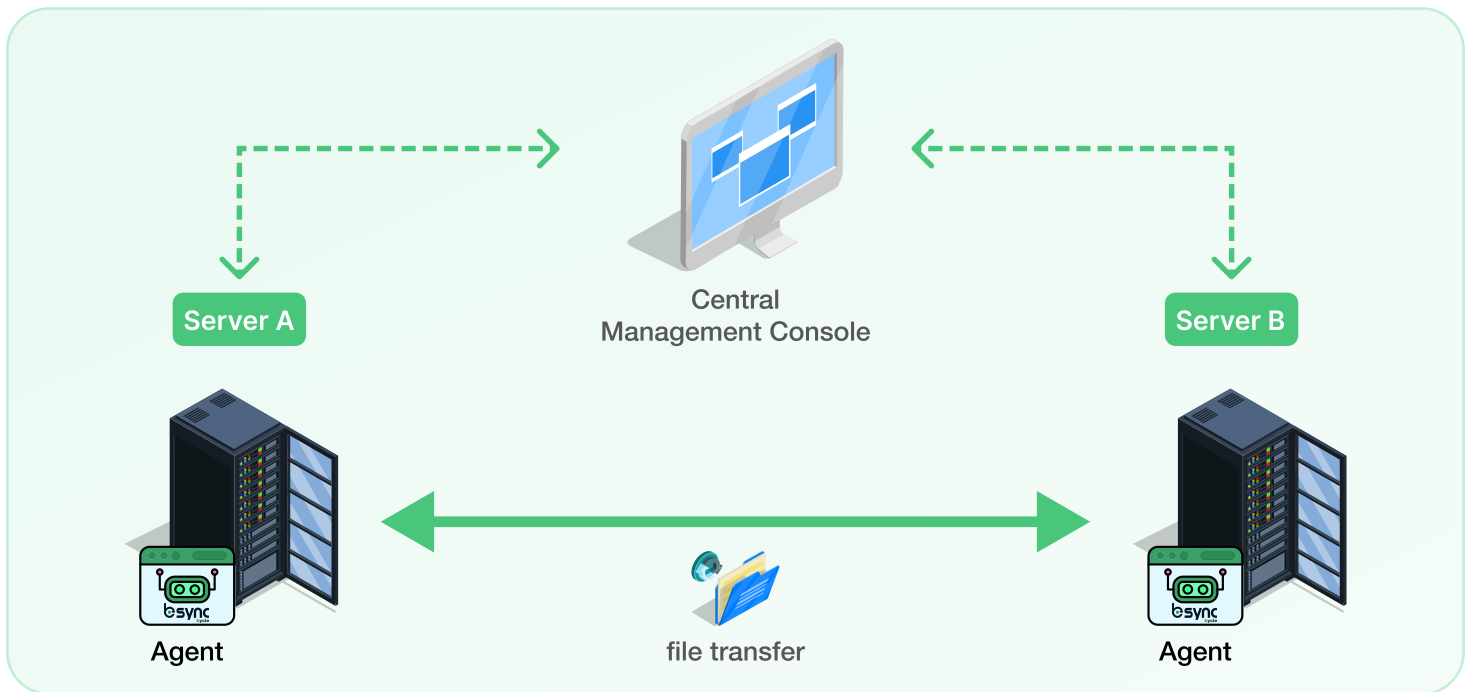


BSync for File Synchronization

Focuses on security, peer-to-peer architecture, speed, and privacy.

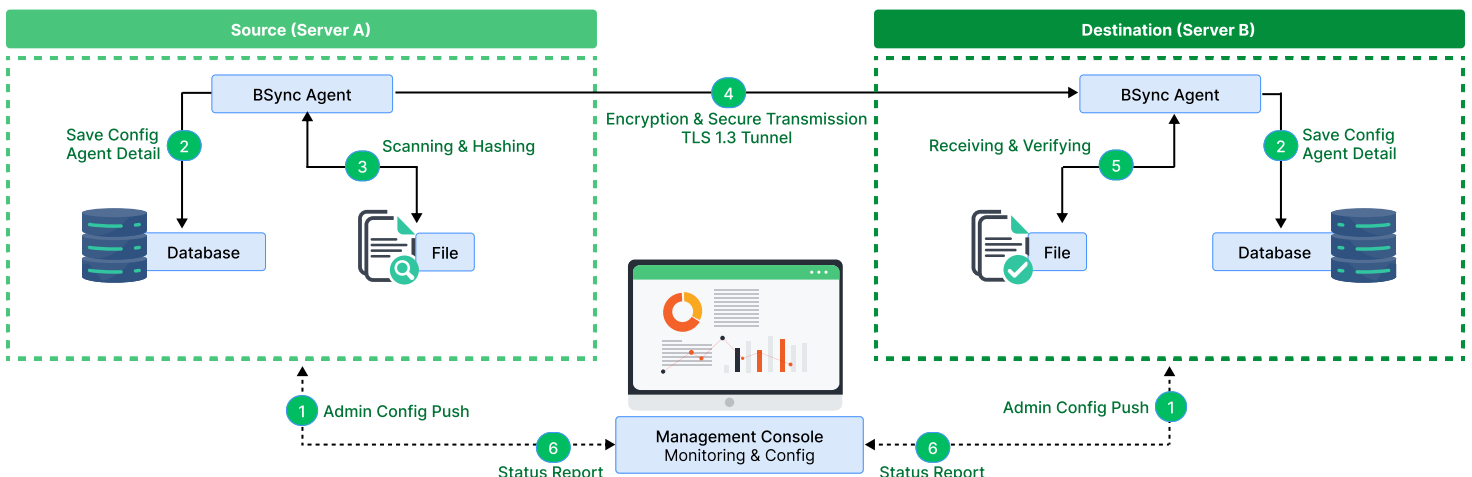
BSync is a secure and easy way to sync files across your devices without using a central server or cloud storage. It works **peer-to-peer**, sending data directly between devices whether you are on the same network or far apart.

All connections are **protected with secure TLS**, giving you “**real-time**” updates while keeping your files private and under your control. BSync runs on **Windows** and **Linux (Ubuntu, Debian, Rocky)** and is built to be safe, reliable, and simple to use.



Architecture

Uses a direct peer-to-peer architecture where data is transferred directly between devices (peers). No cloud infrastructure or central server is required for the transfer, but it provides configurable agents managed from a centralized point.



BSync for File Synchronization

Focuses on security, peer-to-peer architecture, speed, and privacy.

Key Features

Private & Secure

Synchronization is performed directly through peer-to-peer connections, encrypted with TLS, and every device has an authenticated cryptographic certificate.

One Way & Two Way Sync

Supports one-way synchronization acting like a backup, as well as two-way real-time synchronization to keep files identical across devices.

Delta Sync

Transfers only the changed portions (blocks) of a file when edited, instead of sending the entire file again.

Job Flexibility

Provides the flexibility to create multiple sync jobs with different rules.

Scheduled Sync

Automates updates based on an hourly or daily schedule.

Easy to Use

Simple setup without complex IP configurations, allowing unlimited folder synchronization.

Supported Platforms

BSync is designed to work wherever you do. It runs smoothly on **Windows**, and **Linux (Ubuntu, Debian, Rocky)**. With its cross-platform design, you can sync files between your laptop, and workstation without worrying about compatibility. Whether you are at home, at the office, or on the move, BSync keeps your files connected and up to date across all your supported devices.





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