



# Stonebranch Hybrid Cloud File Transfers

Manage File Transfers for any type of cloud, mainframe, distributed or hybrid environment.

## Start scheduling file transfers from mainframe to the cloud and vice versa

Digital transformation presents IT executives with a whole range of challenges. Workloads are increasingly shifting from traditional data centers to cloud solutions in both the private and public sectors. In addition to this, organizations are facing the challenges associated with the 'hybrid enterprise', trying to automate the flow of business critical data and tasks in a simple yet agile way, while accelerating hybrid deployments, lowering costs, and increasing business flexibility.

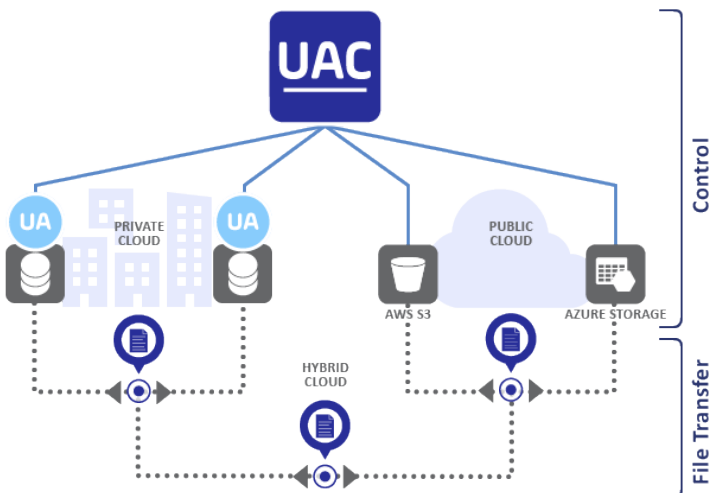
Stonebranch's self-service hybrid cloud file transfer solution enables your organization to easily integrate, manage and control cloud file transfers.

Stonebranch provides a single solution for the entire enterprise, allowing the

integration of internal and cloud file transfers into any existing job scheduling workflow. Start scheduling file transfers from mainframe to cloud, for example, or Azure or AWS with no ramp-up time or cost-intensive hardware investments.

Based on our new Universal Tasks for AWS S3 and Azure BLOB storage, you can perform up and downloads to and from Azure and Amazon clouds and seamlessly integrate these tasks into any scheduling or file transfer workflow.

Furthermore, other helpful Universal Tasks are already available – such as an AWS and Azure monitoring task that allows you to search for new arrivals of a file in an Azure container or Amazon bucket. This enables the setting up of event-based file transfer workflows.



## Key features

- Support S3 and Azure cloud web-based scheduling**  
 100% Web-based Universal Controller is used to centrally trigger and control file transfers.
- Integrate cloud file transfers in any automation workflow**  
 Easy integration of file transfers into automation workflows to automate the execution of tasks and moving or persisting the data to the cloud storage.
- Seamlessly integrate mainframe/ Linux and Windows file transfers**  
 Integrate your existing file transfer solution to i. e. transfer data from the IBM MF's to the distributed world and vice versa, without any major adjustments.
- Integration of a 3rd Party Application**  
 Schedule file transfers from cloud application incl. OpenShift-based containers, i.e. trigger a file transfer from the IBM Mainframe to the cloud via a webapp located in the S3 or AWS cloud.

## Benefits of hybrid cloud file transfer solutions

### ■ Cost savings

Optimize your costs by deploying a single solution for enterprise job scheduling. Leverage existing Universal Agent infrastructures or choose our hybrid cloud SaaS model, with no ramp-up time and upfront hardware investment.

### ■ Scheduling modernization

Easily integrate cloud file transfers into any existing job scheduling workflow using UAC self-service enabled capabilities. Schedule file transfers from cloud applications incl. OpenShift-based containers.

### ■ Cloud innovation

Always be up-to-date and get all software updates and changes via our GitHub-based Universal Task concept. Access all available features and tasks easily through our open source marketplace.

### ■ Security

Benefit from a central log-in and security concept supporting secure LDAP, AD and SAML. Trigger virus protection for outbound and inbound file transfers. Utilize HTTPS communication with proxy support towards AWS and Azure.

### ■ Availability and reusability

Integrate your existing Stonebranch file transfer solution easily and reuse your existing Universal Agent infrastructure in the cloud. Our hybrid cloud file transfer solution is highly-available by using a database with three availability zones (SaaS).

## Next-level self-service integration with Universal Task

We are increasingly living in a DIY age. Self-service software, development, integration and creation of individual implementations are becoming increasingly relevant.

The Stonebranch Universal Task concept takes this trend into account. Universal Task enables you to implement task types that are specific to your own in-house applications, utilities, or third-party vendor applications. Even in cases where you are using a generic script with a Windows, Linux or Unix Universal Agent-based task, you can now create a customized Universal Task that encompasses the specific input needed for the respective command or script.

Creating a new Universal Task can be carried out with limited effort, as Universal Tasks use the functions from existing open-source Python modules such as boto3, Azure SDK and blobxfr. In many cases, these Python modules provide additional functionalities that are not available out-of-the-box in the default API of your third-party application.

Our Universal Task's source code is open source and can be used as a template. Manual installation of Python on your server is not required, as the latest release of Universal Agent can be installed with a bundled Python version.

## Cloud File Transfer Integration made easy

Universal Task and the Stonebranch marketplace allow you to seamlessly integrate internal and cloud file transfers into any existing job scheduling workflow. A wide variety of Universal Tasks for various Azure- or AWS-based scenarios are already available can be accessed directly via GitHub or via the Stonebranch marketplace (<https://marketplace.stonebranch.com>).

Our hybrid cloud file transfer solution is highly secure. The efficacy of the solution's security has been verified by numerous penetration tests performed by customers and by security experts. The solution

significantly enhances the central control and management of your data. All file transfer tasks and workflows are managed centrally with version control in Universal Controller. All file transfers can be monitored centrally through the Universal Controller dashboard and interventions can be applied on demand.

Furthermore, the solution provides automatic failover, restart and network error tolerance features as well as third-party file transfers and out-of-the-box reporting and auditing capabilities.