



Syntax CxLink Data Lakes

Syntax CxLink Data Lakes sets the stage for SAP Innovation in the cloud.

Moving to the cloud may be driven by the need for scale and agility, or maybe it's to leverage some of the powerful hyperscaler functionalities from within your SAP applications. Either way, the end result will be more opportunities for you to innovate with the investment you've made in SAP.

And some of the biggest opportunities to innovate involve applying the data in big data analytic models, machine learning algorithms, and other forms of applied AI. And the first step on that journey is on a pathway that begins with creating a data lake - which has now been made easier with Syntax CxLink Data Lakes.



A data lake is a repository that allows you to store all your data in one accessible place at any scale for use at any time. The power of data lakes is their ability to handle a wide variety of data, which generally fall into one of three data categories:

Structured You'll recognize these usually from the rows and columns, such as in relational database tables, Excel spreadsheets, and other databases.

Semi-structured These have a little structure to them, like delimited files with schemas embedded in them, XML files, webpage information, or flat text files.

Unstructured These can truly be "all over the map," such as image, video, audio, or document files, and often are from social media or IoT feeds.

CxLink Data Lakes helps you achieve an embedded cloud native experience for your SAP applications by handling seamlessly the feeding of SAP data, both offline and in real time to hyperscaler based data lakes. CxLink Data Lakes leverages SAP SLT capabilities to identify, collect and transfer SASP data across multiple SAP applications and acts as a transport layer from SAP SLT towards hyperscaler platforms. Leveraging AWS technologies, it enables real-time analysis of SAP data, integrates external variables with internal business data in real time, and enhances process efficiency among teams.



CxLink Data Lakes was purpose-built to help make it happen.

For organizations running SAP, transitioning to the cloud can present challenges. Once the migration is complete, navigating updates and innovations can also be complex within the SAP ecosystem. While SAP provides solutions for integrating with cloud hyperscalers, these solutions come with their own costs and set of functionalities compared to what cloud hyperscalers directly offer. Hence, selecting the right solution is critical based on business and IT needs.

CxLink Data Lakes is offered as a single-source answer to the cloud-related issues pertaining to data analysis that you encounter running SAP. It is a Software as a Solution package specifically optimized for AWS, which is maintained by Syntax and is regularly updated with the latest hyperscaler and SAP features and functions, providing the most robust solution available for the data management function it covers. Note that a prerequisite for using CxLink Data Lakes is to already have an SAP Landscape Transformation Replication Server (SAP SLT) installed.

Key features:

- CxLink Data Lakes manages SAP data integration to hyperscaler platforms as an add-on to SAP ERP, SAP S/4 HANA, and any SAP NetWeaver-based application.
- It works on top of SAP SLT as a transport layer to AWS.
- Supports full data replication to Amazon S3 and real-time replication for change data capture to Amazon Kinesis.
- It has integrated security features:
 - HTTPS communication with SSL certificates between SAP and AWS
 - Encryption supported on client (SSF) and with cloud native Key Management Services (KMS)
 - IAM Policies for restricted access
- Customizing and management console built with SAP Webdynpro and SAP Fiori.
- Easy add-on, deployment and integration:
 - Packaged Add-On using SAP Add-On Assembly Kit
- Licenses are available in one- or three-year terms.

Main benefits

CxLink Data Lakes was developed with the following benefits in mind:

Simplification Having less infrastructure to manage because of CxLink Data Lakes being a serverless solution, and the ability to consume hyperscaler technologies sooner and more easily.

Resiliency Building on hyperscalers global Infrastructure was a choice for the most resilient cloud option by design.

Performance Enhancements Enrich your SAP applications with cloud native capabilities from hyperscalers and enjoy ongoing updates with the speed of 100K+ records replication per minute in Amazon S3 and 20K+ records per minute in Kinesis.

Cost Reduction Lower costs across software, infrastructure and operating areas associated with your SAP deployment, including hidden costs, such as linking document retention policies with Amazon S3 Storage Classes to optimize cost savings.

Support Enjoy support for all CxLink Products with a dedicated team of specialists.

Get started today

Request a demo today to see how CxLink Data Lakes can make a difference in your organization!

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Why Syntax

With 50 years of experience, 900+ customers, and nearly 2,800+ employees around the world, Syntax has deep expertise in implementing and managing ERP and other applications deployments in secure private, public, and hybrid environments. Syntax partners with SAP, Oracle, JD Edwards, AWS, Microsoft, and other global technology leaders to ensure customers' applications are seamless, secure, and at the forefront of enterprise technology innovation. [Visit syntax.com](https://syntax.com) for more information.



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