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Description automatically generatedIn this video tutorial I will discuss with you about Abap cloud.

Abap as a language was first designed for developing enterprise business applications.

Over time, new concepts, technologies and statements have been added.

But not all are built for cloud technologies.

Therefore, Abap need to clearly define which technologies and languages can support all necessary cloud

features.

Abap cloud streamline this process by providing a stable ecosystem for developing complex enterprise

applications, involving multiple parties and various layers of extensions.

Abap cloud is a cloud optimized Abap language.

The scope of Abap language has been adapted to support Abap cloud development with the Abap cloud.

You can build applications that can quickly adapt to changing business requirements.

It is scalable and flexible.

Abap cloud is available in different SAP products for SAP, BTP, Abap environment and SAP s four Hana

Cloud Public Edition.

Abap cloud is the only Abap development model available with Abap release 7.57.

Abap cloud is available along with classical Abap on SAP, S four, Hana Private Edition and Acfs access

to on premise.

Abap cloud offers new opportunities for modernizing an Esper system with introducing new concepts.

It also introduces new restrictions and challenges that may pose challenges for developers used to classic

Abap.

There are several features and functionalities that are not possible in Abap cloud compared to classic

Abap.

In classic Abap, you can directly interact with ACP, GUI and file system.

For example, you can use Open Dataset statement to open file on application server for reading or writing.

However, in Abap cloud, such indirect access is not possible due to the nature of cloud environments.

In Abap cloud.

Certain Abap language elements are not supported.

For instance, you cannot use certain statements like call transaction or submit report, which are

available in classic Abap.

Some features that are available in classic Abap are not supported in Abap cloud.

For example, variable programming.

Classical Abap report programming, which are used for creating user interfaces in classic Abap, are

not supported in Abap cloud.

In Abap cloud.

You can only use released public service.

For example, if you want to access certain functionality, you need to use the corresponding public

API provided by SAP.

You cannot directly access the underlying database tables or use non-public APIs as you could using

classic above.

Now, with this short introduction to Abap cloud, I hope you understood what are different system which

supports Abap cloud and several features and functionalities that are not possible in Abap cloud compared

to classic Abap.

Thank you for watching this video.

Have a nice day.

Hey!