

Title Episode: Episode 85 – Enable business applications to communicate through asynchronous events and extend your digital core.

Short Description: In this session our experts will talk about how SAP BTP provides a cloud-based messaging service for the development of decoupled and resilient applications.

You will learn about how intelligent enterprises use SAP Event Mesh to trigger process integration with one or more related applications.

Long Description: In this episode of SAP Integration & Extension Talk, July' 2022 we engage with experts from SAP BTP Marketing & Solutions Organization and BTP foundation team. They will talk about how SAP Event Mesh enables asynchronous communication to reliably send and receive messages through applications, services, and systems using standard messaging protocols, exchange patterns, and principles.

We then go deeper into understanding how businesses can experience greater agility and scalability when they create responsive applications that work independently and participate in event-driven business processes across the business ecosystem.

Keywords: SAP S/4HANA, SAP Event Mesh, Extension, Integration, SAP Integration Suite, SAP API Management, Azure Event Grid, SAP S/4HANA Cloud, Rise with SAP, Event Driven Architecture, Intelligent, Sustainable Enterprise, SAP Business Technology Platform, BTP, Private Link, MQTT, AMQP.

Intro - Namaste & welcome to the seventh podcast episode of the year 2022. On behalf of the whole SAP family, I would like to thank you for tuning in. This is our July episode number 85 of SAP Integration & Extension Talk.

Dear listeners, its rainy season here and with the monsoon in its full swing, clouds have started to take different shapes and color. Rain has brought new life to flora and fauna. While I learn to dance in the rain and await the rainbow let's quickly hear what we have in today's episode. We have 3 main sections:

1. First, we will talk about some great new additions made to our SAP Business Technology Platform, business services and how they can take enterprises a step closer to become intelligent and sustainable.

2. Second, a deep dive conversation with expert from BTP Marketing & Solutions Organization who will talk about how BTP enables business applications to communicate through asynchronous events and extend the digital core. Followed by another expert from the BTP foundation team who will introduce us to a very interesting topic of SAP Private Link service. So, stay tuned to listen to them.
3. And finally, some roadmap items of our BTP services.

So, lets quickly hear what are those new additions and enhancements that were made to SAP Business Technology Platform, business services:

1. On SAP Analytics Cloud side with the recent release, there are significant new features of which some of the highlights are: You can now create and view stories with the full optimized story experience. The Optimized Design Experience provides a better design experience that includes several usability improvements, and Optimized View Mode now supports viewing Analytic Applications as well as stories that use Planning models.
2. With this new feature in SAP Process Automation, you can add mail notifications to your business process via the process builder, allowing you to send preconfigured emails to recipients during a live process.
3. From SAP Business Application Studio side of the house there are many new features added but from a highlights point of view: You can now create snapshots based on a specific query in a calculation view. You can also now map session variables to input parameters. Up to now, it was only possible to map parameters and variables to input parameters.

These were some of the enhancements made to the business services on SAP BTP. To know more about these features and others business services please refer the links in the show notes. You can also give us a shoutout on out on our social media channels with your questions and requests or you can drop us an email at platformtalks@sap.com

Gaurav: Moving to the next segment of this episode where we invite experts to talk about a specific service from BTP this time we have Craig Stasila, as the Senior Director of Solution Marketing for SAP Integration Suite. Welcome Craig to our seventh podcast of the year 2022. (let Craig say hi and thank you..).

Craig before we start and talk more about how SAP BTP enables business applications to communicate through asynchronous events can you please tell our listeners a bit about yourself.

(Craig will introduce..)

Thanks Craig.. And listeners in today's dialogue we will hear how SAP BTP provides a cloud-based messaging service for the development of decoupled and resilient applications. We will also learn about how intelligent enterprises use SAP Event Mesh to trigger process integration with one or more related applications.

Before we start as the ritual demands Craig, we play a small game with our guests a fun guessing game 😊 . So, are you ready to play?

The game is I will be reading an abstract tech related, and you must guess from where it is? Like.. a movie, a novel, or a famous quote? You can always ask for hints.

Ready?

Ok.. I will be reading a plot and here it goes: A solitary character on a future, deserted Earth in 29th century, left to clean up garbage. However, he is visited by a probe sent by the starship, with whom the character falls in love and pursues across the galaxy.

What is it?

First hint: The solitary character also the lead character is actually a small but cute waste-collecting robot.

Second hint: The probe that he falls in love goes by the name of Eve.

Answer – the abstract was from an animated movie WALL.E. One of my favorites, an Oscar winner & I would recommend it.

=== game done ===

Gaurav - Great... now we resume back to the topic on how enterprises can enable their business applications to communicate through asynchronous events and extend their digital core.

Question – And straight on the money Craig.. What is an event mesh?

Answer - [Craig]

Gaurav - Question – Wonderful, I heard that you mentioned Event Driven Architecture (EDA). Can you please briefly explain what that is and how it is different than other integration architecture patterns like SOA or an ESB?

Answer - [Craig]

Gaurav – this is awesome!

Gaurav - Question – Just to build on top of that what are those scenarios that would make an enterprise use an EDA?

Answer [Craig]

Gaurav – so listeners you heard it right. The compelling reasons an enterprise should use the aspects of EDA and in turn SAP Event Mesh.

Gaurav – So Craig, you have been in SAP ecosystem for a long time..& you would concur that SAP has a huge installation base of integration services also you mentioned about complex supply chain, how they can take advantage of event driven architecture? And do they need SAP Integration Suite to use SAP Event Mesh at first place?

Answer [Craig]

2. **Gaurav** – aha sweet.. I am sure the listeners would agree with me that businesses today wants to be connected & integrated with other services as well to that my next question would be how does SAP Event Mesh work with other components of the SAP Business Technology Platform? If you can give us that perspective, it would be great.

Answer [Craig]

3. **Gaurav** – Thanks Craig for providing our listeners with that picture I am sure this will give them a holistic view of the channels possible to consume the service. It's an opens source world, now for our decision makers there are other offering in the market as well. How does SAP Event Mesh compare to other event technologies like Kafka, Azure Event Grid, RabbitMQ, and the likes of it?

Answer [Craig]

4. **Gaurav** – **Question** – this sounds very promising and I sure that there's more to come; Can SAP Event Mesh also work with IoT platforms and other smart devices?

Answer **[Craig]**

Gaurav so listeners, there you go with SAP Event Mesh you can make your business processes intelligent in addition to that make the most of your smart devices if the business process demands.

Gaurav – **Question** – Thanks Craig for this insight. This will definitely make our listeners more curious to try out the service. My last question: Can you also direct our listeners to the learning resources that they can already start using and get hands on?

Answer **[Craig]**

Gaurav – Awesome. Dear listeners all these resources that are mentioned such as SAP Discovery Center missions & learning journeys will be available to you. Please refer the show notes or give us a shoutout on our social media channels. Plus, you can also drop us an email at platformtalks@sap.com

That was really a fruitful discussion...with that..on behalf of all our listeners I would like to thank you Craig that you took out time & gave us a wonderful talk. We really appreciate it. Thanks!

Answer **[Craig]**

Gaurav: Moving on to the next section of the episode we have a guest who will introduce us to a very interesting topic of SAP Private Link service. So, let's hear it from Sven Kohlhaas, (Development Manager for SAP Private Link Service). Sven welcome to our podcast.

Sven:

Gaurav: Sven let's get straight to the first question that I have in my mind & I am sure our listeners are also interested to know that what is SAP Private Link service? What business challenge does it solve for our customers?

Sven:

Gaurav: Thanks Sven for that introduction this sets up the context really well for my next question that how did SAP Private Link service evolve? If you can talk about a brief history for that.

Sven:

Gaurav: Great. You talked about security & how customers can access BTP services in Azure being in private network. So, what are the business scenarios SAP Private Link service support today?

Sven:

Gaurav: this is a great addition to our SAP BTP services portfolio.

Gaurav: Wonderful. And my last question what should our customers expect next? If you can talk about that, it will really help them to make decisions.

Sven:

Gaurav: This is awesome. Thanks, Sven, for taking out time and joining our podcast

Gaurav – Those were our experts who talked about how SAP with SAP Business Technology Platform and its business services like SAP Event Mesh enable enterprise applications to communicate through asynchronous events and extend the digital core. Followed by another expert who mentioned how business processes can establish a private connection between selected SAP BTP services and IaaS provider accounts such as Microsoft Azure with SAP Private Link Service on BTP. To read more & try out the features yourself please refer our show notes.

This brings me to the third and final segment of the podcast where we explore some of the roadmap items of our BTP services that will help your business run better... with intelligence & sustainability at heart.

1. To start off with SAP Analytics Cloud, with the upcoming feature business user can Connect to SAP S/4HANA Cloud as a live connection. Plus Create Excel reports on it. This will Provide a unified experience for users of Microsoft Excel with SAP S/4HANA Cloud.

2. Secondly, with SAP Business Application Studio the wizard will guide the developer in converting a single-tenant UI app to a multitenant UI app. Additionally, the multitenant app will be available for consumption within a single global account. This will definitely, enhance the business user experience through improved application performance and developers can Share the app cross enterprise business units and geographical locations.

And all these items that we discussed are planned for Q3 2022 release. Also, very important point you should know that all forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. You are advised not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions. To know more about other roadmap items please refer our show notes.

That concludes our episode number 85 of SAP Integration & Extension Talk. I would really like to thank you again for tuning in and staying till the very end. If you were listening to us for the first time and there were terms like Optimized Design Experience, Query Snapshots, Azure Event Grid and so on.. that are not clear to you, please let us know on our social media channels or drop us an email so that we can help you understand them. Plus, we are always ears to your feedback so let us know what you liked, what you didn't and most importantly what you wish for in the next podcast.

'Sharing is caring' if you agree to that.. please share the podcast with your tech friends and family. Don't forget to Subscribe to the podcast. Leave a rating and review. You can listen to this podcast on various mediums like Spotify, Apple Podcasts to name a few.. With that I was your host Gaurav Dey aka G reporting & recording from Bangalore, India. Talk to you in the next episode until then Keep listening, keep learning & keep growing. Cheers!!

Interview Guests:



Craig is based out of Indianapolis, Indiana, in the States. He has been in the SAP ecosystem for about 24 years. Almost all that time he has been integrating different applications with each other or with SAP applications. Craig joined SAP in 2015 and have been part of the solution management organization since 2020.

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Sven Kohlhaas is a Development Manager for SAP BTP, Cloud Foundry runtime and SAP Private Link service at SAP. Follow Sven on [SAP Community](#).

Links to the Resources that were discussed in the episode:

- New Features/ Enhancements on:
 - SAP Analytics Cloud – [Optimized Story Experience](#)
 - SAP Process Automation – [Add Mail Notifications to a Process](#)
 - SAP Business Application Studio - [Map Input Parameters & Create Query Snapshots](#)
- [SAP Event Mesh](#)
- [SAP Event Mesh - Official Help Documentation](#)
- [SAP Event Mesh - Missions on SAP Discovery Center](#)
- [SAP Private Link Service - Official Help Documentation](#)
- [SAP Private Link](#)
- [Roadmap item 1 - SAP Analytics Cloud - Microsoft Office Integration](#)
- [Roadmap item 2 - SAP Business Application Studio - Conversion of a single-tenant UI app to a multitenant UI app](#)
- Other [Roadmap](#) items
- Reach us at: platformtalks@sap.com

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