

A decorative white line that starts on the left, dips into a wave shape, and then rises to the right, ending with a small white circle.

MyWave Hosting for Customers

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MyWave Hosting Recommendation for Customers

MyWave Hosting Environment Options

Recommended Approach: Hosting through a MyWave Certified Cloud Provider

MyWave currently partners with Cloud4Partners, Cloudiax, SMB Solutions, and Zutom for hosting services. If our partners wish to use another cloud hosting provider, please connect with us for initial setup assistance.

Benefits of Using a MyWave Certified Cloud Provider:

Seamless SAP Business One Integration: Connect your SAP Business One instance—whether on-premises or in the cloud—directly to MyWave.

Rapid Deployment: The MyWave Runtime can be swiftly set up, offering several advantages:

Scalability: Instantly scale up or down based on your business needs.

Cost Efficiency: Enjoy reduced upfront costs with a pay-as-you-go monthly fee per user.

Built-In Redundancies: Benefit from automatic redundancies and disaster recovery options to ensure high availability.

Inclusive LLM Account: GPT is pre-installed and included in the subscription fee.

Secure Connection: For SAP Business One on-premises customers, we ensure a highly secure connection by combining SSL with a VPN:

1. **SSL (Secure Sockets Layer):** Encrypts data exchanged between your device and the server, ensuring it remains unreadable if intercepted, while also authenticating the server to confirm the connection's legitimacy.
2. **VPN (Virtual Private Network):** Adds another layer of security by encrypting all internet traffic, routing it through a secure server, masking your IP address, and hiding online activities from potential threats.
3. Together, SSL and VPN provide end-to-end encryption, server authentication, and privacy, making the connection both secure and private.

Required Information to Connect to a Customer's SAP Business One Instance:

BI Client ID (created in Extension SSO Manager)

Publicly Accessible SLD URL

Publicly Accessible Service Layer URL

The final step is deploying the MyWave Web Extension on the customer's SAP Business One instance or integrating MyWave into the SAP Business One Fat Client.

Hosting MyWave On-Premise

While on-premise hosting is possible, it is not our recommended approach. Utilizing one of our Cloud Hosting Providers is generally more cost-effective and offers greater flexibility.

Windows Hosting: Not recommended. If Windows is a requirement, we suggest using a Virtual Machine.

Hosting Platforms: MyWave can be hosted on a Cloud Hyperscaler such as AWS, Azure, or Google Cloud, or on Linux. (Please refer to the MyWave Hosting Guide for further details.)

Recommended System Sizing:

Memory Requirements:

Base Memory: Minimum of 4GB of RAM.

CPU Requirements:

Configuration: 8GB of CPU.

Database Servers:

Instance Type: Choose instances with moderate specifications, such as 2 vCPUs and 8GB of memory, to handle database operations efficiently.

Storage Requirements:

Initial Disk Size: 10GB, with scalable storage as needed.

Shared Storage: Consider larger shared storage solutions to manage collective data across multiple instances.

Process of Deployment

For a best practice deployment, we recommend using three distinct environment types:

Test Environment (Partner Instance): Used by partners to test new Waves in isolation, ensuring any issues are identified and resolved before moving to the next stage.

UAT Environment (Optional for the Customer): The User Acceptance Testing (UAT) environment allows the customer to validate and approve the Wave before it goes live. This environment closely mirrors production, giving the customer confidence in the solution.

Customer Production Environment: The live environment where Waves are deployed after thorough testing and customer approval.

Connecting to SAP Cloud Control Centre

MyWave can connect to SAP Business One instances hosted using the Cloud Control Centre, provided a separate SLD is set up for each SAP Business One Instance.

Connecting to Multiple Databases in SAP Business One

MyWave connects to SAP Business One via the Service Layer. If multiple databases exist within the SAP Business One instance, InfoPlugins can be configured to call one or more databases through the Company ID specified in the configuration.

Connecting a Single MyWave Instance to Multiple SAP Business One Instances

The user accessing MyWave must have an account with the SAP Business One instance being accessed. Waves that need to call multiple SAP Business One instances can be configured through the InfoPlugin layer, chaining calls to different instances into a single InfoPlugin. Each call requires one GetSAPAccessToken and one Service Layer call per SAP Business One instance.

Example: The data from these InfoPlugin calls can then be aggregated or transformed as needed for the Wave process.

⋮	> Get_SAP_Business_One_Access_Token_1	...
⋮	> getBusinessPartnersStep_1	...
⋮	> Get_SAP_Business_One_Access_Token_2	...
⋮	> getBusinessPartnersStep_2	...
⋮	> Get_SAP_Business_One_Access_Token_3	...
⋮	> getBusinessPartnersStep_3	...