



Location Compute

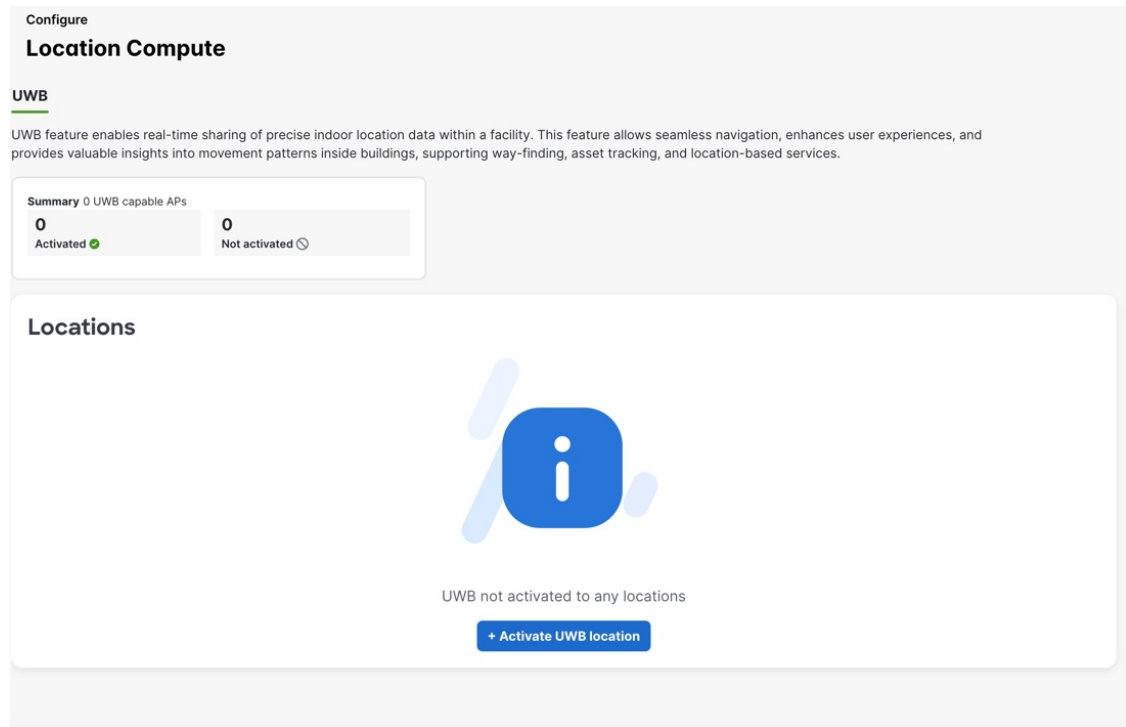
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Location Compute

The UWB feature is designed to provide high-precision indoor positioning within a facility. The primary functions and benefits include:

- **Real-time Data:** Enables the sharing of precise indoor location data in real-time.
- **Navigation & Way-finding:** Supports seamless navigation and way-finding for users inside buildings.
- **Asset Tracking:** Allows for the monitoring and tracking of physical assets within the facility.
- **Operational Insights:** Provides valuable data on movement patterns to enhance user experiences and location-based services.

Figure 1: Location compute



Activate UWB Location

Enable UWB on supported access points in a specific building to allow advanced location and ranging capabilities.

Use this task when you want to activate Ultra-Wideband technology in a building. Activation will start several non-disruptive processes on your controller and access points.

Before you begin

- Ensure you have administrator access to the controller's management interface.
- Verify that the building contains UWB-capable access points.

Follow these steps to activate UWB location:

Procedure

- Step 1** In the **Location Compute** window, click **+ Activate UWB Location**.
The **Activate UWB Location** slide-in window is displayed.

Figure 2: Activate UWB Location

Activate UWB Location

Choose the building that you want to enable UWB. All UWB-supported access points within that building will be enabled.

Activation Overview:

This activation will initiate the following actions on each floor. These processes are non-disruptive to the Controller and Access Points (APs):

1. Collect Ultra-Wideband (UWB) ranging data between APs.
2. Group APs into clusters with assigned roles.
3. Push the cluster configuration to the APs.

Locations

Note: Hierarchies with UWB activation initiated are not allowed for selection here.

0 results

☐ manigov_001_root

Activate

- Step 2** In the **Search** field, enter the building name.
- Step 3** Check the check box for the building where you want to enable UWB.
- You cannot select hierarchies that already have UWB activation in progress.

Step 4 Click **Activate**.

The UWB activation process is initiated.

- The following actions occur automatically for each floor:
 - The system collects Ultra-Wideband (UWB) ranging data between access points.
 - Access points are grouped into clusters with assigned roles.
 - Cluster configurations are pushed to all APs in the building.
- Monitor the activation status to ensure all access points are successfully enabled.

All UWB-capable access points within the selected building are enabled for Ultra-Wideband services, allowing advanced location and ranging functionality.

Initiate the UWB activation process.

What to do next

Optionally, verify UWB functionality by checking device location accuracy or reviewing status reports in the platform's dashboard.