

SBC SWe Deployment Scenarios


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Deployment Scenarios

Two basic deployment scenarios exist for the SBC Software Edition routing and policy management.

1. SBC SWe running exclusively on a server.
2. SBC SWe co-hosted with other virtualized applications on a server.

 For graphical illustrations of test configurations using these two scenarios, please see [SBC SWe Performance Metrics](#) page.

Routing and Policy Management

The two basic configurations for routing and policy management are:

- Centralized Sonus Policy Server (PSX)
- Embedded Routing Engine (ERE)

Centralized Sonus Policy Server (PSX)

The centralized PSX server combines call routing functionality with exceptional capacity of storing tens of millions of call routes in a single database. This SBC-Centralized PSX deployment distributes that routing intelligence to every PSX server in the network and simplifies the provisioning process.


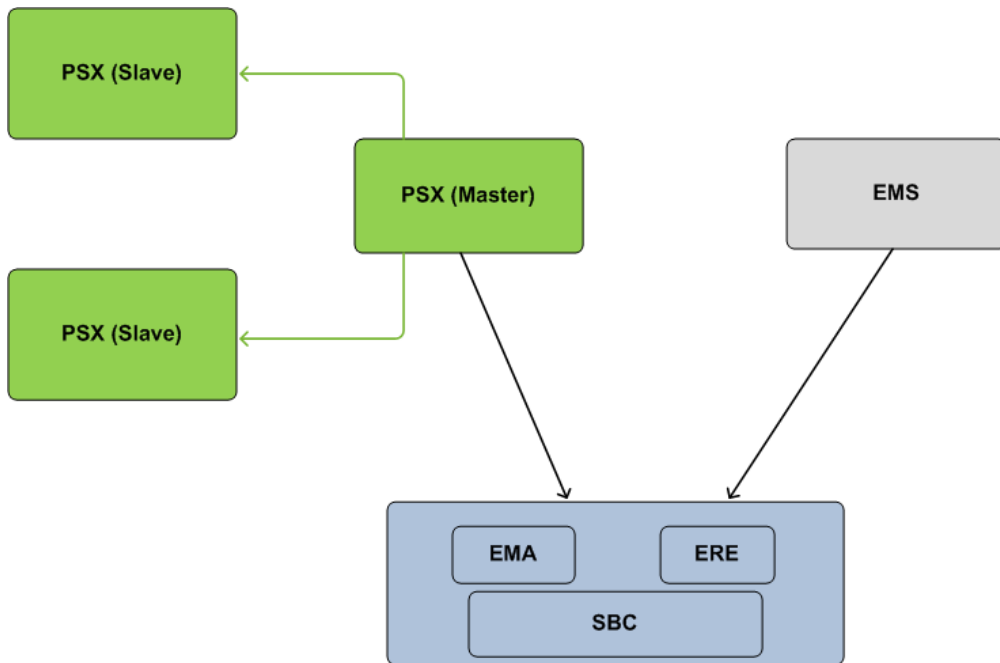
 For more information on Sonus Policy Server (PSX), refer the [PSX Policy Server Documentation](#).
For information on how to configure SBC to use external PSX, refer [Configuring SBC to Use External PSX](#).

Figure 1 describes SBC deployed with external PSX and an EMS.

Figure 1: SBC with External PSX and EMS



Embedded Routing Engine (ERE)

ERE provides less routing and policy management functionality and is intended for smaller networks with no complex routing needs.

Figure 2: SBC with ERE.



i For more information on installing the SBC SWE application, refer [Installing SBC SWE on Virtual Platforms](#).

