

IBM z15 supports three coupling link types:

- ▶ Integrated Coupling Adapter Short Reach (ICA SR) links connect directly to the CPC drawer and are intended for short distances between CPCs of up to 150 meters (492.1 feet).
- ▶ Coupling Express Long Reach (CE LR) adapters are in the PCIe+ drawer and support unrepeatable distances of up to 10 km (6.21 miles) or up to 100 km (62.1 miles) over qualified WDM services.
- ▶ Internal Coupling (IC) links are for internal links within a CPC.

Attention: Parallel Sysplex supports connectivity between systems that differ by up to two generations (n-2). For example, an IBM z15 can participate in an IBM Parallel Sysplex cluster with z14, z14 ZR1, z13, and z13s systems.

However, the IBM z15 and IBM z14 ZR1 do not support InfiniBand connectivity so these servers support connectivity by using only Integrated Coupling Adapter Short Reach (ICA SR) and Coupling Express Long Reach (CE LR) features. z15 can connect to z13 and z13s only if these servers have ICA SR or CE LR coupling features.

Figure 4-4 shows the following supported Coupling Link connections for the z15:

- ▶ InfiniBand links are supported between z13, z13s and z14 machines
- ▶ Only ICA SR and CE LR links are supported on z15 and z14 ZR1 machines

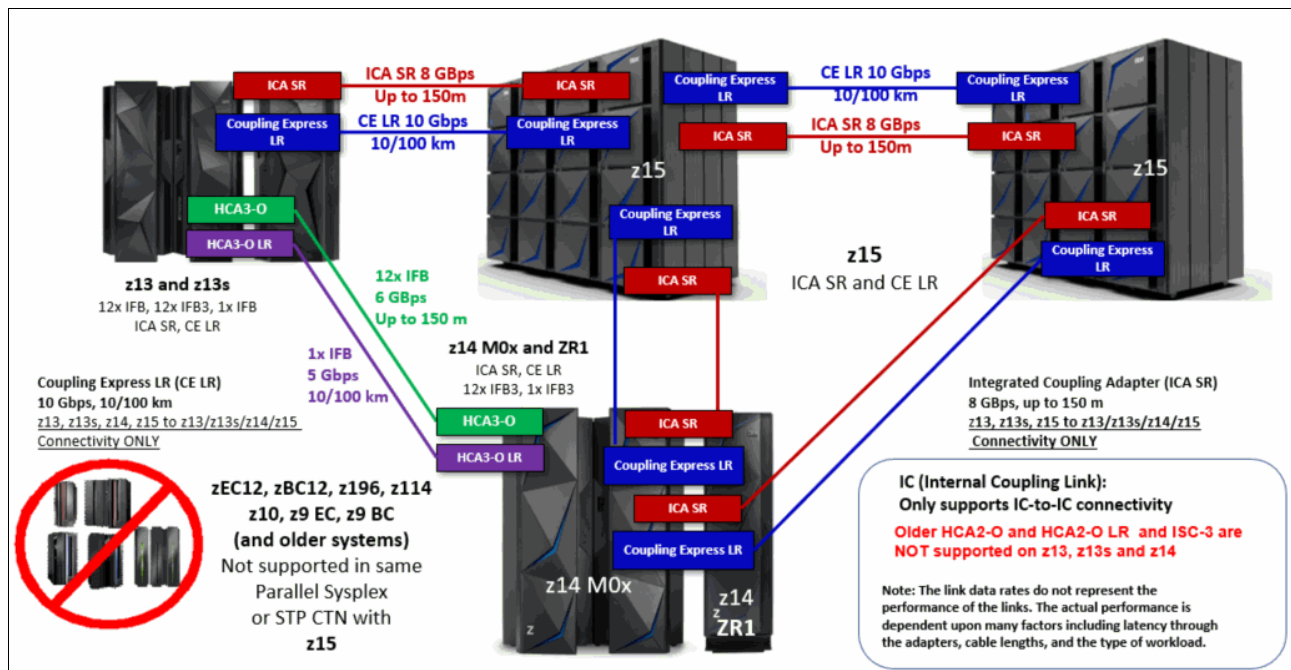


Figure 4-4 Parallel Sysplex connectivity options

The coupling link options that are listed in Table 4-10. Also listed are the coupling link support for each IBM Z platform. Restrictions on the maximum numbers can apply, depending on the configuration. Always check with your IBM support team for more information.