CoD offering	PowerHA SystemMirror V6.1 Standard and Enterprise Edition	PowerHA SystemMirror V7.1 or V7.2 Standard and Enterprise Edition
On/Off CoD (temporary) Processor	Yes	Yes
Utility CoD (temporary) Memory and Processor	Utility CoD automatically is performed at the PHYP/System level. PowerHA cannot play a role in the same system.	
Trial CoD Memory and Processor	Trial CoD is used if available through a DLPAR operation.	
Capacity Upgrade on Demand (CUoD) (permanent) Memory & Processor	CUoD is used if available through a DLPAR operation. PowerHA does not handle this kind of resource directly.	

Trial Capacity on Demand

Trial CoD are temporary resources, but they are not set to On or Off to follow dynamic needs. When Trial CoD standard or exception code is entered into the HMC, these resources are On immediately, and elapsed time starts immediately. The amount of resources that is granted by Trial CoD directly enters the available DLPAR resources. It is as though they were configured as DLPAR resources.

Therefore, PowerHA SystemMirror can dynamically control the Trial CoD resource after a customer manually enters a code to activate the resource through HMC.

6.1.1 Environment requirement for ROHA

Here are the requirements to implement ROHA:

- PowerHA SystemMirror V7.2 Standard Edition or Enterprise Edition
- AIX 7.1 TL03 SP5, or AIX 7.1 TL4 or AIX 7.2 or later
- HMC requirements:
  - To use the EPCoD license, your system must be using HMC 8v8r7 firmware or later.
  - Configure the backup HMC for EPCoD with high availability (HA).
  - For the EPCoD User Interface (UI) in HMC, the HMC must have a minimum of 2 GB of memory.
- Hardware requirements for using an EPCoD license:
  - IBM POWER7+™ processor-based systems: 9117-MMD (770 D model) or 9179-MHD (780 D model) that uses FW780.10 or later.
  - IBM POWER8® processor-based system: 9119-MME (E870) or 9119-MHE (E880) that uses FW820 or later.