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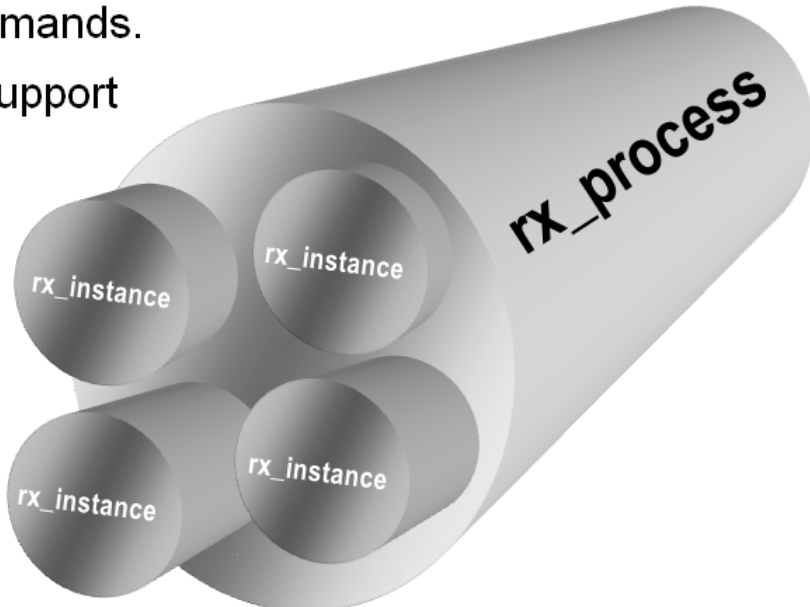
### Can't have Instance(s) without a Process.

- **Process = "Planet"**
- **Instance = "Continents"**
- Can't have Continents without the Planet!

A Java process is compiled code executing Java commands.

Each process can support multiple instances.

Depending on the process, 4.3.X supports up to four instances per process.



The diagram shows a large, light-grey cylinder representing a process, labeled 'rx\_process' on its side. Inside this cylinder, there are four smaller, light-grey cylinders representing instances, each labeled 'rx\_instance'. The instances are arranged in a cluster within the process cylinder, visually demonstrating that multiple instances can exist within a single process.

### Who has the power?

- Individual Lines of Business Administrators can have their own Instances. By restricting permission to an instance, they will not be able to impact other instances under the same process.
- Process management can ONLY be done from Partition 0. Out of the box, this is accessed by using the "sa" user.

### Once logged in to Partition 0 as SA, start/stop/check/modify a Process

## EIM-WIM\_Process\_vs\_Instance

The screenshot displays the Cisco Interaction Manager System Console interface. On the left, a tree view shows the system structure, with 'EAAS' selected. The main area shows a list of EAAS processes, with one instance of 'EAAS-process' in a 'Running' state. Below the list, the properties for the selected process are shown, including its name, description, start type, and maximum number of instances.

Name	Description	State
EAAS-process	External Agent Assignment Service-process	Running

Name	Value
Name *	EAAS-process
Description	External Agent Assignment Service-process
Start type	Automatic
Maximum number of instances *	1

**Once the process is running, the Instance can be started/stopped/checked/modified from other partitions**

## EIM-WIM\_Process\_vs\_Instance

The screenshot displays the Cisco Interaction Manager System Console in a Windows Internet Explorer browser. The interface is divided into several sections:

- Tree: System:** A navigation pane on the left showing a hierarchical tree of system components. The 'EAAS' folder is expanded, and the 'EAAS' sub-folder is selected.
- List: EAAS:** A table listing EAAS instances. The table has three columns: Instance name, Description, and State. One instance is listed: 'EAAS-instance' with description 'External Agent Assignment Instance' and state 'Running'.
- Properties: EAAS-instance:** A configuration panel for the selected instance. It shows a 'General' tab with a table of properties:

Name	Value
Instance name *	EAAS-instance
Description	External Agent Assignment Instance
Start type *	Automatic
MR Connection Port	38101

At the bottom of the console, the user name is 'sa', the language is 'English', and the status is 'Ready'.

### Automatic Start vs On-Demand "Best Practice"

Some administrators prefer to set Processes to start "On-Demand," and Instances to start "Automatic." This can sometimes help with startup issues, and will do away with a need to log in as the SA user when PA wants to start an instance.

Once the process is running, the Instance can be started/stopped/checked/modified from other partitions