Licensing Oracle Software in the Cloud Computing Environment

Approved Vendors

This policy applies to cloud computing environments from the following vendors: **Amazon Web Services – Amazon Elastic Compute Cloud (EC2), Amazon Relational Database Service (RDS), Microsoft Azure Platform and Google Cloud Platform (GCP) (collectively, the 'Authorized Cloud Environments')**. This policy applies to **these Oracle programs**.

For the purposes of licensing Oracle programs in an Authorized Cloud Environment, customers are required to count the maximum vCPUs of an instance type as follows:

- **Amazon EC2 and RDS** - count two vCPUs as equivalent to one Oracle Processor license if multi-threading of processor cores is enabled, and one vCPU as equivalent to one Oracle Processor license if multi-threading of processor cores is not enabled.
- **Microsoft Azure** – count two vCPUs as equivalent to one Oracle Processor license if multi-threading of processor cores is enabled, and one vCPU as equivalent to one Oracle Processor license if multi-threading of processor cores is not enabled.
- **Google Cloud Platform** - count two vCPUs as equivalent to one Oracle Processor license if multi-threading of processor cores is enabled, and one vCPU as equivalent to one Oracle Processor license if multi-threading of processor cores is not enabled.

When counting Oracle Processor license requirements in Authorized Cloud Environments, the Oracle Processor Core Factor Table is not applicable.

When licensing Oracle programs with Standard Edition One, Standard Edition 2, or Standard Edition in the product name, the pricing is based on the size of the instance. Authorized Cloud Environment instances with four or fewer Amazon vCPUs, or four or fewer Azure vCPUs, or four or fewer GCP vCPUs are counted as 1 socket, which is considered equivalent to an Oracle processor license. For Authorized Cloud Environment instances with more than four Amazon vCPUs, or more than four Azure vCPUs, or more than four GCP vCPUs, every four Amazon vCPUs used (rounded up to the nearest multiple of four), every four Azure vCPUs used (rounded up to the nearest multiple of four), and every four GCP vCPUs used (rounded up to the nearest multiple of four) equate to a licensing requirement of one socket.

Under this cloud computing policy, Oracle Database Standard Edition may only be licensed on Authorized Cloud Environment instances up to 16 Amazon vCPUs or 16 Azure vCPUs or 16 GCP vCPUs. Oracle Standard Edition One and Standard Edition 2 may only be licensed on Authorized Cloud Environment instances up to eight Amazon vCPUs or eight Azure vCPUs or eight GCP vCPUs. If licensing Database Standard Edition 2 by Named User Plus metric, the minimums are 10 NUP licenses per 8 Amazon vCPUs or 8 Azure vCPUs or 8 GCP vCPUs.

Example, for Database Enterprise Edition licensing in an Authorized Cloud Environment: Licensing Oracle Database Enterprise Edition on a single instance of four Amazon vCPUs, where multi-threading of processor cores is enabled, would require two processor licenses. (Two Amazon vCPUs are considered equivalent to an Oracle Processor license).

Standard Named User Plus licensing applies, including counting the minimums where applicable.

For Oracle Linux purposes, two VMs whose combined size are no more than 64 vCPUs are counted as a single Oracle Linux Basic Limited or Premier Limited system in Authorized Cloud Environments. A single VM consisting of more than 64 vCPUs is counted as an Oracle Linux Basic or Premier system.

Licenses acquired under unlimited license agreements (ULAs) may be used in Authorized Cloud Environments, but customers may not include those licenses in the certification at the end of the ULA term.

The example noted above is for illustrative purposes only.