Application Performance Management (APM)

Specific Program Documentation

The CA software program(s) ("CA Software") listed below is provided under the following terms and conditions in addition to any terms and conditions referenced on the CA quote, order form, statement of work, or other mutually agreed ordering document (each a "Transaction Document") under the applicable end user agreement or governing contract (collectively, the "Agreement") entered into by Customer and the CA entity ("CA") through which Customer obtained a license for the CA Software. These terms shall be effective from the effective date of such Transaction Document.

Program Name: *Application Performance Management - "Classic Platform - APMCLS990" (APM)*

1. **DEFINITIONS.**

The CA APM software is licensed by the number of "Devices".

"Device" is a unit described in this section for data sources administered, managed, monitored, or controlled by DX APM as specified in the Documentation.

"APM Application Agent Device" is a Device calculation unit described in the Application Performance Management Functionality below.

"Infrastructure Device" is a Device calculation unit not defined in the Application Performance Management Functionality below or further described under Infrastructure Monitor functionality. Infrastructure devices are collected through APM Application Agent Device entitlement credits or can be obtained through dedicated licensing.

2. **USE RIGHTS AND LIMITATIONS**.

When the Authorized Use Limitation is "Devices," the calculation with respect to the number of devices on an individual server is determined as follows:

Application Performance Management Functionality (APM Application Agents)

Device calculation:

- For Java applications, each running instance of a monitored JVM (Java Virtual Machine) consumes 4 Devices.
- For .NET and .NET Core applications, each OS instance running a monitored .net application or CLR (Common Language Runtime) consumes 4 Devices.
- For PHP applications, each running instance of the PHP Probe agent consumes 2 Devices.
- For NodeJS and OpenSource Tracing tool monitored applications, each monitored application process consumes 0.4 Devices.
- For Python applications, each OS instance running a monitored Python application consumes 4 Devices.
- C++ and Go SDK metrics consume no Devices so long as the usage for any of the above APM Application Agents is greater than zero.

Entitlement:

- For every APM Application Agent Device licensed above, customers are entitled to an equal number

of Infrastructure Device licenses which may be used towards the “Infrastructure Monitoring Functionality” listed below or any Infrastructure Device.

Infrastructure Monitor Functionality

This section excludes Data ingested into DX SaaS by APM Application Agents described above.

The following Device license description governs API ingestion of metric data:

- 5000 collected metrics from Infrastructure Agent/EPAgent (IA) or ingested using DX platform API are counted as 1 Infrastructure unless listed explicitly in this section.
- Host or Webserver instance Monitoring by IA installed on any node, including those monitored by APM Application Agents, are counted as 1 Infrastructure Device.
- The number of VMs/Servers running remote host monitoring is counted as 1 Infrastructure Device each
    - In the VMWare ecosystem, every ESX server within vCenter counts as 1 Infrastructure Device.
- Each node in an Oracle E-Business Suite environments counts as 1 Infrastructure Device
- Each database instance like MySQL, DB2, Oracle, PostgresSQL, SAP Hanna Instance, and SQL Server are counted as 1 Infrastructure Device, including database tracing for supported platforms.
- Hybrid Cloud and Container monitoring, each “Compute Resource” on Amazon EC2, Azure VM, Google Compute, Amazon RDS or Kubernetes, and OpenShift containers are counted as 1 Infrastructure Device irrespective of remote/local monitoring.
    - Managed services from public cloud providers, other than specific ones mentioned above, use the Number of metric-based volumetric calculations for Device mapping (e.g., Serverless offerings like Amazon Lambda, API Gateway, S3, SNS, SQS, etc., E.g., Services like Amazon ECS, Azure Kubernetes Service (AKS), Google Kubernetes Engine (GKE), Kubernetes and OpenShift).

High Availability mode or with Disaster Recovery
When CA APM is deployed to monitor applications running in High Availability (HA) mode or with Disaster Recovery (DR) scenarios (with identical standby application instances), Customers only need to license agents monitoring active/online applications so long as only one copy of a unique application instance is running at a time. Redundant or passive applications are not counted for licensing purposes if they receive no user/transaction traffic.

3. THIRD PARTY INFORMATION AND TERMS.

Any required third-party software license terms are incorporated by this reference and are set forth in the online documentation for the CA Software.