Bytes IBM ILMT Service Option

Switch to IBM sub-capacity licensing to significantly reduce costs

IBM sub-capacity licensing is a fantastic way for you to take advantage of cheaper licensing for your IT infrastructure.

By licensing only the activated cores within a virtual environment, significant cost savings are possible. In order to take advantage of this, you are required to use the IBM License Metric Tool (ILMT) to measure and report against the Processor Value Units (PVU's) and Resource Value Units (RVUs) being consumed by the IBM products.

Whether you wish to take advantage of sub-capacity licensing, or are concerned that you may not be following the sub-capacity terms and conditions - Bytes can provide you with the necessary services to assist.

Already operating on a sub-capacity?

There could be a significant financial risk to your business if you don't have the required controls and ILMT deployment in place. In this scenario, IBM would be able to enforce that the underlying infrastructure is licensed in full, the cost implications of which could potentially be substantial.

Common challenges to sub-capacity licensing

✔ IBM enforces a strict policy regarding licensing and requires that you must have Passport Advantage and deploy either ILMT or Tivoli Asset Discovery for Distributed ("TAD4D") in order to qualify for a sub-capacity licence. Moreover, it must be the latest version or, in extenuating circumstances such as non-compatibility, a suitable product instead

✔ Failure to maintain quarterly reports from ILMT can result in IBM enforcing full capacity licensing calculations and commencing a compliance audit and potentially, greater costs for you

✔ When licensing full-capacity products on servers within a cluster (where movement is in place), the most powerful server with the highest PVU metric must used. This is known as the "highest watermark" in the cluster

✔ Customers must review and maintain the configuration of their estate within ILMT to ensure metrics are being properly recorded and they are not reporting out-of-scope servers or over reporting/ double counting product installations
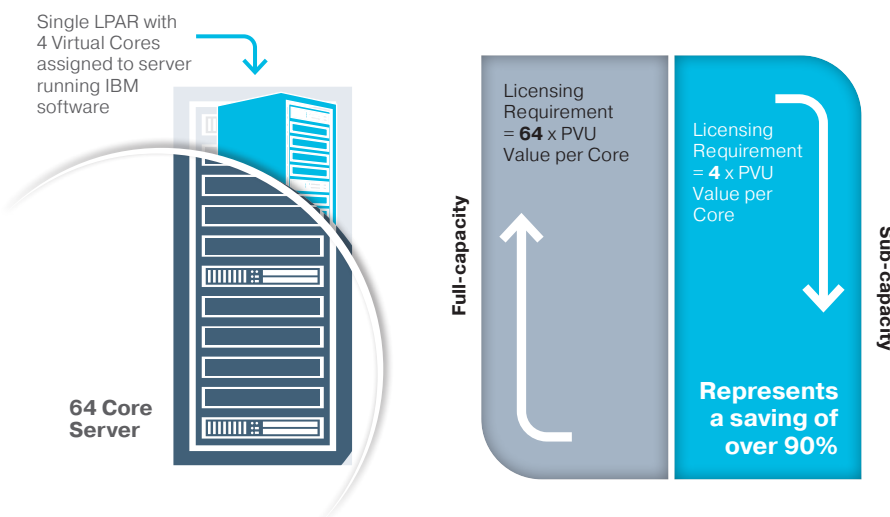
Sub-capacity licensing gives the customer significant savings on their IBM eligible products compared to full capacity licensing, as long as the correct virtualisation technologies are used.

In order to use sub-capacity licensing customers must:

✔ **use eligible sub-capacity products**

✔ **use qualified virtualisation technologies**

✔ **use appropriate processor technologies**

✔ **use a permitted license metric tool e.g. ILMT**

Sub-capacity versus full-capacity licensing **could result in over £1Million worth of savings!**

Single LPAR with 4 Virtual Cores assigned to server running IBM software

64 Core Server

Full-capacity

Licensing Requirement = **64** x PVU Value per Core

Sub-capacity

Licensing Requirement = **4** x PVU Value per Core

Represents a saving of over 90%

Licensing on a POWER 595 server with 64 cores at full-capacity would cost 64 x 120 (PVU Core Value) = 7680 PVUs. With pricing at c. £160 per PVU this would cost over £1.2M.

With the same server running a virtual instance with 4 Cores assigned and the obligations of sub-capacity licensing being met, the pricing would be 4 x 120 = 480 PVUs. Using the same pricing per PVU this would cost around £77K **resulting in a net saving of over £1.1M.**

Bytes can help you achieve significant savings through the effective management of your IBM agreements - all whilst ensuring that you remain compliant.

Bytes Service Components

Here at Bytes we believe in saving our customers money, whilst ensuring they have the right software in place to support your business and ensure compliance is being appropriately managed.

Our IBM software management service includes:

Agreement Reviews	ILMT Installation and Configuration	ILMT & Sub-capacity Licensing Management	IBM Software Compliance Analysis	Commercial Negotiations
Review of the IBM contracts, terms and licensing metrics in place to ensure you are on the best commercial terms for your organisations actual use of the IBM software.	Review of your IBM estate and correct installation of ILMT tool and agents to ensure all parts of your estate are being correctly reported.	Ongoing review of the ILMT tool including monthly download and application of catalogue updates, optimising licensing obligations and ensuring quarterly reports are correctly produced and signed off.	Preparation of your IBM license compliance position and assistance with any emerging remediation and resolutions.	Engagement on a purely commercial level to ensure the right commercial agreement is in place taking into account your specific requirements and Bytes' market knowledge.

To find out more about the **Bytes IBM ILMT Service Option** contact us on:

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