



Barcelona, November 7, 2024

ANSWERS TO QUESTIONS

procedure: Supply of IT Equipment Servers and SAN storage - 28 - PRO520LAD-2024

With reference to the above-mentioned procedure, please find below the answers to the questions posed by the interested companies:

REQUEST FOR CLARIFICATIONS Nr. 1 (dated Wednesday 06/11/2024 16:11)

Question 1: *Por favor, estamos en la parte de configuración y vemos que precisáis un procesador por servidor del tipo AMD EPYC 7453 2,75Ghz o equivalente. La pregunta es, ese procesador lleva memoria DDR4 PERO solicitáis memoria DDR5, ver conectividad*

<https://www.amd.com/es/products/processors/server/epyc/7003-series/amd-epyc-7453.html>

Entonces con el fin de disponer de una configuración que encaje con el pliego y viendo que ese procesador conlleva también licenciamiento para esos 28-cores de Microsoft Standard Edition, ¿qué configuramos?, un servidor que pueda llevar memoria DDR4 o bien un procesador que pueda configurarse con memoria DDR5 que no tuviera tantos cores?

Answer: The AMD EPYC 7453 processor is only a reference; we request that a system be offered that meets all the specified requirements, particularly with DDR5 memory.

We appreciate that the proposed system maintains adequate performance, adhering to all the required technical specifications, including processing power, storage, connectivity, and compatibility with DDR5.

REQUEST FOR CLARIFICATIONS Nr. 2 (dated Wednesday 06/11/2024 16:15)

Question 2: *Una buena opción, sería este tipo de procesador, <https://www.intel.la/content/www/xl/es/products/sku/232373/intel-xeon-gold-5415-processor-22-5m-cache-2-90-ghz/specifications.html>*

Aparte de que el AMD EPYC 7453 NO soporta memoria DDR5, es un procesador launched en 2021 y este que os pasamos es Q1'23.

Por favor, necesitaríamos que nos pudieras aclararlo y si, por ejemplo, este procesador que es un 8-core y mejoraría el licenciamiento de Microsoft se ajusta a los requerimientos.

Answer: The evaluation committee will review all the submitted proposals and determine whether they meet the requirements established in the tender.



REQUEST FOR CLARIFICATIONS Nr. 3 (dated Wednesday 06/11/2024 16:56)

Question 3: *Por favor, para la conectividad de los servidores y la SAN a la electrónica de red y presentar una arquitectura iSCSI 10G, requerimos saber si la electrónica de red dispone de conectividad 10GbT o bien 10G SFP+*

Answer: Currently, our network architecture uses Meraki MS210-24P switches, whose ports operate at 1Gb. Therefore, in principle, the storage array and servers will not be able to achieve 10Gb performance in their connection with the current switches. However, it is planned that in the future, UfM will acquire new switches that support 10Gb connections, which will allow fully leveraging the performance of the 10G iSCSI architecture.

REQUEST FOR CLARIFICATIONS Nr. 4 (dated Thursday 07/11/2024 10:29)

Question 4: *Do you need Windows Server Standard or Windows Server Datacenter.*

Answer: Windows Server Standard is an acceptable choice, providing essential functionality and supporting limited virtualization. However, Windows Server Datacenter is a stronger option, offering more extensive virtualization capabilities and advanced features suitable for scalability and high availability. Therefore, Windows Server Datacenter is also accepted.

REQUEST FOR CLARIFICATIONS Nr. 5 (dated Thursday 07/11/2024 16:55)

Question 5: *For Windows Server Standard licensing we need to know the number of VM Windows hosted in the cluster.*

Answer: The current number of VM Windows hosted in the cluster is 4.