# Rosetta Sizing Request Form

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| ***Note:***  *This form uses a Word macro for saving the information entered in the form.*  *Please follow these instructions for setting your macro security to enable the macro to run:*   1. *In the* ***Tools*** *menu, click* ***Options*** 2. *Click the* ***Security*** *tab* 3. *Click* ***Macro Security*** 4. *Select your security level in the* ***Security Level*** *tab Note: If you are unsure as to which security level to select, contact your System Administrator or Computer Support staff* 5. *Click* ***OK***   *If you receive a warning message when you open this form, ensure that you’ve enabled all macros. If you have disabled the macros, please close the form and reopen it to enable the macros.* | |
| **Background Information**  Customer name: New Customer  Customer code (if exists) : New Customer  Requester name:  Requester office type:  Region:  Other: **Sizing purpose:**  Operating system:  Sizing will be provided for both production environments and sandbox environments. The hardware sizing provided is based on the assumptions of the input provided by the customer and is considered a minimum specification for the daily operation of Rosetta. Sizing may need to be changed depending on the actual system usage and configuration and if some of the assumptions listed below are changed.  Following the implementation stage and after the system is working and fine-tuned, you can fill in a new sizing request and a final decision on the needed number of servers will be provided. | |
| For **upgrading** existing hardware, provide the current production server specifications:  (O/S, CPU Model, Number of CPUs, CPU Speed, Number of Cores, RAM size): | |
| Number of servers |  |
| Current topology |  |
| O/S |  |
| CPU information (model, number of CPUs, speed, Number of cores |  |
| RAM (size + speed) |  |
| Current Rosetta version |  |
| Are the performance of the current system satisfying? |  |
| Purpose of this sizing |  |

**Rosetta Production – Planned Ingest Profile**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Expected Load per day | |  | | |
| Average number of files ingested per day | |  | | |
| Average file size | | MB | | |
| Expected ingest throughput per day  (Total size of ingested files) | | TB | | |
| Repository size during the initial load phase[[1]](#footnote-1) | Size       TBs | | Number of IEs [[2]](#footnote-2)       (Total in Millions) | |
| Do you expect creating Access Copies in Rosetta | | | |  |
| If yes - for what file types? | | | |  |
| What percentage of the files will have access copies? | | | | % |
| Is there access to Rosetta from outside the organizational network? | | | |  |
| Do you need to have a separate Deposit server only for deposits? | | | |  |
| If yes - Is there a need for holding the Deposit server in a separate DMZ? | | | |  |
| Do you need to have a separate Delivery server only for delivery? | | | |  |
| If yes - Is there a need for holding the Delivery server in a separate DMZ? | | | |  |
| Do you need high availability or failover for delivery? | | | |  |
| What type of storage is planned to be in use? | | | |  |
| Is the customer intending to use a virtualized environment? | | | |  |
| If a virtualized environment will be used, are there any limitations on resources? (Number of cores per virtual server, RAM per virtual server) | | | |  |
| Comments: | | | | |

**Rosetta Production – Planned Usage Profile**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Expected repository size  1 year post initial load | | Size       TB | | Number of files       (Total in Millions) | | |
| Expected repository size  2 years post initial load | | Size       TB | | Number of files       (Total in Millions) | | |
| **Delivery** | **1 Year Post STP** | | | | **2 Years Post STP** | |
|  | Average | | Peak | | Average | Peak |
| Number of IEs viewed by end users per hour[[3]](#footnote-3) |  | |  | |  |  |
| Number of staff users |  | | | |  | |

**Special Infrastructure Requirements**

If there are any special requirements that need to be considered in the sizing recommendation, please list them below. Please examples for such special requirements are security, firewalls, load balancers, virtualization, consolidation, or any other infrastructure issues.

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1. Initial load includes all data that is planned to be loaded to the system during the establishment of the system before go live. In case the customer migrates from existing system to Rosetta please include all objects that will be migrated to Rosetta even when the ingest is planed post go live. [↑](#footnote-ref-1)
2. IE stands for an Intellectual entity, which is one catalogue object with the related representations and files for this object. [↑](#footnote-ref-2)
3. This question is relating to planned number of file delivery [↑](#footnote-ref-3)