



Sizing Requirements for Hyper-Converged Infrastructure

1. General Project Information

Company name	
Project name	
Main contact	
General purpose of this project (application servers, database servers, VDI, mixed, etc.)	
Budget has been allocated (yes/no)?	
Estimated date for final decision	

2. Storage General Requirements

Estimated (USABLE) TOTAL storage required (TBs)	
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3. General purpose (application) servers (do not include SQL or Exchange servers here)

Number of servers (VMs)	
List some examples of these servers/applications	
Average number of vCPUs per VM needed (typically 2-4)	
Average RAM per VM needed (typically 4 GBs)	
Operative Systems (Linux, Windows, etc.)	
Total disk space provisioned per VM in average (GBs)	
If these are existing servers, what's the average total disk utilization per VM?	%



4. Database Servers

Total number of database servers (not instances, just VMs)	
Database platform (SQL Server, Oracle, other)	
Average number of vCPUs required per VM (typically 4-8)	
Average RAM needed per VM (typically 8-16 GBs for production databases)	
Operative Systems (Linux, Windows, etc.)	
Total disk space provisioned per VM in average (GBs)	
If these are existing servers, what's the average total disk utilization per VM?	%
Active Data Set (if known) expressed as a % of the total dataset (typically 15-30%)	%

5. Exchange Servers

Total number of Exchange servers (include mailbox storage and authentication servers)	
How many of these servers will be used for mailbox storage?	
Total number of mailboxes	
Estimated maximum mailbox size (each)	
Total disk space provisioned per Mailbox Storage VM in average (GBs)	
Average number of vCPUs required per VM (typically 4)	
Average RAM needed per VM (typically 4 GBs)	
Total disk space needed per Exchange VM in average (GBs)	



6. Replication (DR)

IMPORTANT: Fill out this section only if replication to a remote Nutanix Cluster or public cloud is in-scope

Total number of remote sites for replication. (do not include primary site)	
Do you need to replicate all VMs to the remote location on a regular basis or only a subset? If only a subset please indicate the total number of critical VMs to be replicated.	
Is Asynchronous replication enough to cover the DR needs? (once per hour max.)	
What's the restore points history objective? (30 days for example)	
Do you currently have a reliable network connection (high-speed, low latency) between the sites?	

7. Additional requirements and comments

Please explain in detail here any requirements or expectations not covered in the sections above.