Request under Freedom of Information Act 2000

Request Ref: NGFOI 17/18: 31

Thank you for your request for information received at Northampton General Hospital NHS Trust (NGH) on 13 April 2017 and I am pleased to be able to provide you with a response.

1. *What is your annual IT Infrastructure Budget for 2016, 2017 & 2018?*
   2016 - £300k
   2017 and 2018 not yet approved/confirmed

2. *What storage vendor(s) and model do you currently use?*
   NETAPP and NETAPP SSD Flash Array

3. *When was the installation date of above storage vendor(s)? (Month/year)*
   Feb 2009 – NETAPP 3140

4. *When is your planned (or estimated) storage refresh date? (Month/year)*
   March 2020

5. *What is your estimated budget for the refresh?*
   Not yet confirmed/approved

6. *What is the capacity of the storage data in TB?*
   700Tb

7. *The total number of IT staff employed by the organization:*
   53

8. *Please list and provide contact details for the IT senior management team including CIO, IT Director and Infrastructure Architects if applicable –*
   Not applicable, these roles do not exist as stated.

9. *Please confirm if you are utilising desktop virtualisation technologies and if so how many users do you provide services for?*
   In pilot stage

10. *What backup software do you use?*
    VEEAM

11. *How much data do you backup in TB?*
    500Tb

12. Number of servers?
460

13. What operating system(s) do you use?
VMWare VSphere 6

14. Number of virtualised servers?
435

15. What percentage of your environment is virtualised?
95%

16. If you outsource your IT works, please provide who it is with and when the contract started and ends.
We do not outsource

17. Please also name all of the IT re-sellers that you work with and buy from, as well as the frameworks that you use for the release of any tenders etc –
Various IT re-sellers. GCloud, SBS, CCS mainly.

18. Please also approximate the time spent managing your IT systems, specifically storage, per week in the unit of man hours. Also approximate the amount of time taken carving out LUNs and/or Volumes.
1.   7.5 person hours per week for housekeeping the storage.
2.   4 minutes week carving out LUNs and/or Volumes

19. Please list any and all pain points that the IT teams, and organisation as a whole, experience with regard to the storage and usage of the virtualised workloads.
None at all at present as we have just upgraded to clustered on tap in line with an upgrade on our filer heads

20. How is your storage connected, i.e. via Fibre Channel, Ethernet (NFS or ISCSi). If your storage is currently connected via Fibre Channel, do you have access to 10 GB Ethernet, or 1 GB ethernet, and if so, please declare which.
Fibre channel over Ethernet 10Gb