



Server Refresh
RFP 520-26-02
Questions and Answers
May 21, 2026

1. Are GPUs required, or is CPU-based acceleration sufficient?
 - a. GPUs are not required.
2. What is the current VM count, and what is the expected growth over 3–5 years?
 - a. Currently there are 18 VMs. Expected growth may be 12 (up to 30 total in 3-5 years).
3. What are the CPU, RAM, and storage utilization baselines today (peak and average)?
 - a. CPU average for 1-year 34GHz (peak), 25GHz (average); RAM average for 1-year 508GB (peak), 467GB (average); Storage utilization average for 1-year 8.85TB (peak), 8.35TB (average).
4. Can you please provide a comprehensive list of VMs being migrated, what their function is, and how large they are?
 - a. This information is proprietary, and the previous answers provide the aggregate data; see answer on 3.
5. What type of workloads, besides ai will run on these nodes (e.g., VDI, databases, file services, ERP)?
 - a. Databases and virtual servers.
6. What is the current storage consumption vs. allocated capacity?
 - a. 8.35TB consumption, 10TB capacity.
7. Any need for Snapshots and retention policies?
 - a. No.
8. Replication to DR site?
 - a. No.
9. Is 10Gb sufficient, or will future growth require 25/40Gb?
 - a. The minimum requirement is dual 10Gb NICs for each node.

10. What type of AI workloads, Training vs inference?
 - a. Training.
11. What type of AI workloads, batch vs real-time?
 - a. Real-time.
12. When and how long are maintenance windows anticipated to be, how many windows will the winning bidder be permitted?
 - a. We are prepared to have one maintenance window open for 1 business day.
13. Are there various tiers of VMs, i.e., ones that can be migrated at any time, vs mission-critical ones that require a maintenance window? If so please identify each type.
 - a. We have mission-critical VMs and non-mission-critical VMs. We will have a 1 business day window where everything will be migrated at the same time.
14. Are there any VMs running on paravirtual hardware (PVSCSI, VMXNET3) that need driver changes?
 - a. Yes, all of them.
15. Are there VMs with snapshots, linked clones that require special handling?
 - a. No.
16. Can you provide a list of all servers with any special requirements, including special firewall rules, USB dongles, licensing ties and appliance-style configurations?
 - a. There is one VM with licensing tied to VNIC hardware.
17. Can you identify which VMs are production, test, dev, lab, or utility systems?
 - a. All VMs are production.
18. Are there scheduled jobs, scripts, batch processes, or automation tools tied to any VM?
 - a. No.
19. Has the PPLD team checked for VM interoperability and compatibility between existing VM infrastructure and Nutanix based on their interoperability and

compatibility matrix here <https://portal.nutanix.com/page/compatibility-interoperability-matrix/software?partnerName=all&solutionType=all&componentVersion=all&hypervisor=all&validationType=all?>

- a. Yes.
20. Can the district provide a list of the compatible and incompatible VMs based on this list?
- a. All VM's are compatible with the RFP request.
21. Are any databases involved, and if so, what engines, versions, and replication methods are in use?
- a. SQL 2022; no replication.
22. Are any legacy applications dependent on specific VM hardware settings, time sync behavior, or old operating system versions?
- a. There are no legacy applications.
23. Are there any custom VM settings, hardware versions, or compatibility modes in use?
- a. No.
24. Are there any orchestration tools, scripts, or integrations tied to VMware APIs?
- a. No.
25. What VMWare specific features are currently in use?
- a. RFP does not mention VMWare.
26. What speed network connectivity will there be between the old platform and new?
- a. 10GBs.
27. Are the old platform and new platform layer 2 adjacent, and if so what is the MTU available for data transfers?
- a. Yes, in the same subnet. Standard MTU for standard networking.

28. How are current VLANs and port groups structured?

- a. This would be answered during the implementation phase due to security considerations.

29. Is NSX or NSX-T in use? If so, what replaces micro-segmentation (Flow Networking)?

- a. No.

30. Which workloads have been mapped for application dependency (east-west traffic)?

- a. Not applicable.

31. What storage performance tiers are in use?

- a. Not applicable.

32. Are there any file shares, NAS targets, or SAN dependencies that must be remapped?

- a. No.

33. Is deduplication, compression, or encryption enabled anywhere today?

- a. Yes.

34. Will the backups for these systems be stored on Acropolis Hypervisor Storage?

- a. No.

35. Are there any dependency systems in other locations or data centers?

- a. No.

36. What backup system is in use, is it working completely today, and will there be manufacturer support on it at the time of the migration?

- a. There is a Nutanix compatible system; no other details will be provided due to security concerns.

37. Are any systems under vendor support restrictions that affect the timing of migration?

- a. No.

38. What is specifically meant by "AI accelerated workloads"? Can you clarify whether there is a current or planned requirement for GPU acceleration (such as NVIDIA GPUs) or AI/ML workloads that would require specialized hardware acceleration?
- a. There are no current workloads; this is for future proofing. We do not need GPU acceleration.
39. Would you accept a 14-day price guarantee instead of the January 31, 2027 date, as no major manufacturer is holding quotes longer than 14 days.
- a. No. Price offers shall remain irrevocable from the proposal due date through January 31, 2027, to support PPLD's budgeting and financial planning cycle beginning in June. Vendors may include a contingency factor of up to 5% in their proposed pricing to account for market fluctuations.
40. When is the purchase of product for the RFP anticipated...in July? The Fall? End of '26? or in 2027?
- a. Purchase will be in January 2027.
41. Will there be enough space in the current rack for the nutanix hardware to be installed side-by-side the vmware?
- a. Yes.
42. What monitoring, alerting, and ITSM integrations currently exist, and which need to be replaced?
- a. None need to be replaced.
43. Who owns post-migration validation, and what are the acceptance criteria?
- a. PPLD owns the post-migration. Acceptance would be VMs are all on and functioning as expected, and we are able to successfully take a backup on the new infrastructure.
44. Would PPLD also accept an electronic submission via email in addition to, or in place of, the physical copies as part of a more environmentally conscious and streamlined submission process?
- a. No, please follow the Proposal Submission guidelines in section 3.1 of the RFP.