



**Hewlett Packard**  
Enterprise

# **HPE Nimble Storage Sizing Questionnaire for Oracle Database Deployments**

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### Support

All documentation and knowledge base articles are available on the HPE Nimble Storage Support site at <https://www.nimblestorage.com>. To register on HPE InfoSight, click the *Enroll Now* link on the main page.

Email: [support@nimblestorage.com](mailto:support@nimblestorage.com)

For all other general support contact information, go to <https://www.nimblestorage.com/customer-support/>.

# Introduction

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Oracle Database is a relational database management system (RDBMS) for enterprise applications. It enables you to store data and to query the stored data, typically through an online transaction processing (OLTP) model or a decision support system (DSS) model. Oracle provides its own clustering tool, Oracle Real Application Clusters (RAC), and offers filesystem management through Oracle Automated Storage Management (ASM).

## Audience

Hewlett Packard Enterprise (HPE) and its partners can use this questionnaire in presales opportunities to collect information about customers' environments and determine the storage requirements for the deployment of Oracle Database.

Account representatives and sales engineers should first work with their customer counterparts to collect the information requested in the questionnaire. Next, using the collected information, they should work with the HPE Nimble Storage Technical Marketing team to provide a configuration that meets the customer's needs.

The reader is assumed to have a working knowledge of the following products and technologies:

- HPE Nimble Storage arrays
- Network design for Ethernet, iSCSI, and Fibre Channel protocol
- UNIX-based operating systems
- Oracle databases

# Data Collection for Storage Sizing

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To properly size the storage environment for Oracle Database, you need to collect information about the customer's current Oracle landscape, the new Oracle deployment, and the customer's data management strategy.

## Current Oracle Landscape

Use the following questions to collect information about the customer's current Oracle landscape.

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**1** Does the customer run any Oracle applications, such as Enterprise Resource Planning or Financials? Yes  No

If yes, which Oracle applications is the customer using? Enter applications

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**2** How many unique Oracle systems does the customer have? For example, development, quality assurance, user acceptance test, production, sandbox, and so on. Enter number

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**3** What are the versions of the customer's Oracle systems? Enter versions

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**4** What is the operating system for the Oracle systems? Enter operating system

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**5** Are the systems virtualized? Yes  No

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**6** Do the Oracle systems share the same storage environment with other applications, such as Exchange or SQL Server? Yes  No

If yes, what applications? Enter applications

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**7** Does the customer have a current Automatic Workload Repository (AWR) report? Yes  No

If yes, provide data on a few 30-to-60-minute iterations during peak times. Enter report data

If not, can the customer configure AWR and collect a report before beginning the new deployment? Yes  No

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**8** Does the customer currently use another storage vendor? Yes  No

If yes, which one? Enter storage vendor

What other storage applications does the customer currently use (such as SnapManager products or OnCommand)? Enter storage applications

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## Oracle Database Deployment

Use the following questions to collect information about the new Oracle Database deployment.

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**1** What is the project timeline for the deployment? Enter project timeline

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**2** On what operating system does the customer plan to deploy Oracle? Enter operating system

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**3** What filesystem does the customer plan to use? For example, Oracle ASM, ext4, XFS, JFS2, Windows, and so on. Enter filesystem

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**4** Will the databases be run as standalone databases or Oracle RAC databases? Standalone  Oracle RAC

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<b>5</b>	What type of databases will the customer use, OLTP databases or DSS databases?	OLTP <input type="checkbox"/> DSS <input type="checkbox"/>
<b>6</b>	What version of Oracle Database will the customer deploy?	Enter version
<b>7</b>	Will this deployment be physical or virtual?	Physical <input type="checkbox"/> Virtual <input type="checkbox"/>
<b>8</b>	What protocol will the customer use for storage connectivity, Fibre Channel or iSCSI?	Fibre Channel <input type="checkbox"/> iSCSI <input type="checkbox"/>

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## Data Management and Protection

Use the following questions to collect information about the customer's strategy for managing and protecting data in the Oracle environment.

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<b>1</b>	What is the current method for backing up and restoring Oracle Database? For example, RMAN or some other means, SnapManager, and so on.	Enter method
<b>2</b>	Will the customer use native tools to create backups for the new deployment?	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>3</b>	Will the customer use a third-party backup solution for the new deployment?	Yes <input type="checkbox"/> No <input type="checkbox"/>
	If yes, which solution?	Enter name of third-party solution
<b>4</b>	What is the backup schedule?	Enter backup schedule
<b>5</b>	What is the backup retention schedule?	Enter backup retention schedule

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**6** Does or will the customer have a disaster recovery solution? Yes  No

Storage-based replication? Enter storage-based replication solution

Oracle DataGuard? Yes  No

Other? Enter other solutions

What is the RPO? Enter RPO

What is the RTO? Enter RTO

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**7** Is the customer interested in learning more about HPE Nimble Storage snapshot-based backups and clones? Describe customer's interests

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## What to Do Next

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After you collect the information for characterizing the customer's storage requirements, send the responses to [hpdl\\_nimble-oracle\\_questions@hpe.com](mailto:hpdl_nimble-oracle_questions@hpe.com). If possible, provide an architectural diagram of the proposed solution, including network and storage switches.

After receiving the information, the HPE Nimble Storage Technical Marketing team will work with you to create an accurate sizing proposal for the customer.