



Hewlett Packard
Enterprise

HPE Sizing Tool for SAP (Online)

User guide v1.0

Abstract

This user guide is intended for HPE Integration Centers, pre-sales personnel, channel partners, HPE Pointnext, and delivery partners to help users get a quick sizing guidance for designing SAP infrastructure.

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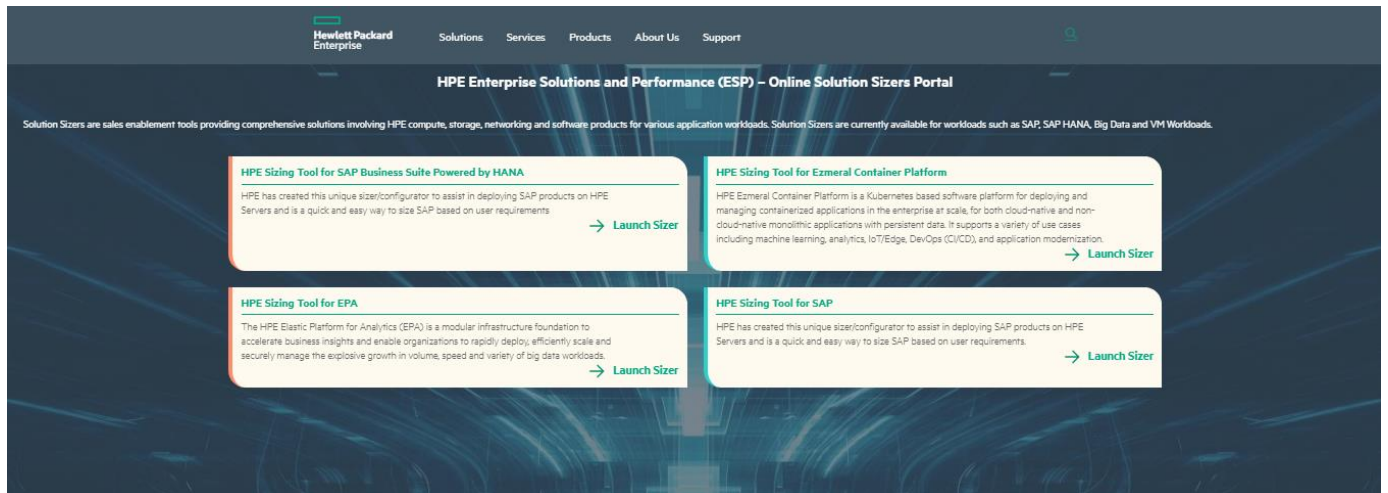
Introduction

HPE Sizing for SAP provides quick sizing guidance for designing SAP infrastructure. The output produced by the sizing tool includes configuration details, Bill of Materials (BOM) with part numbers and prices, Graphical Representation etc.

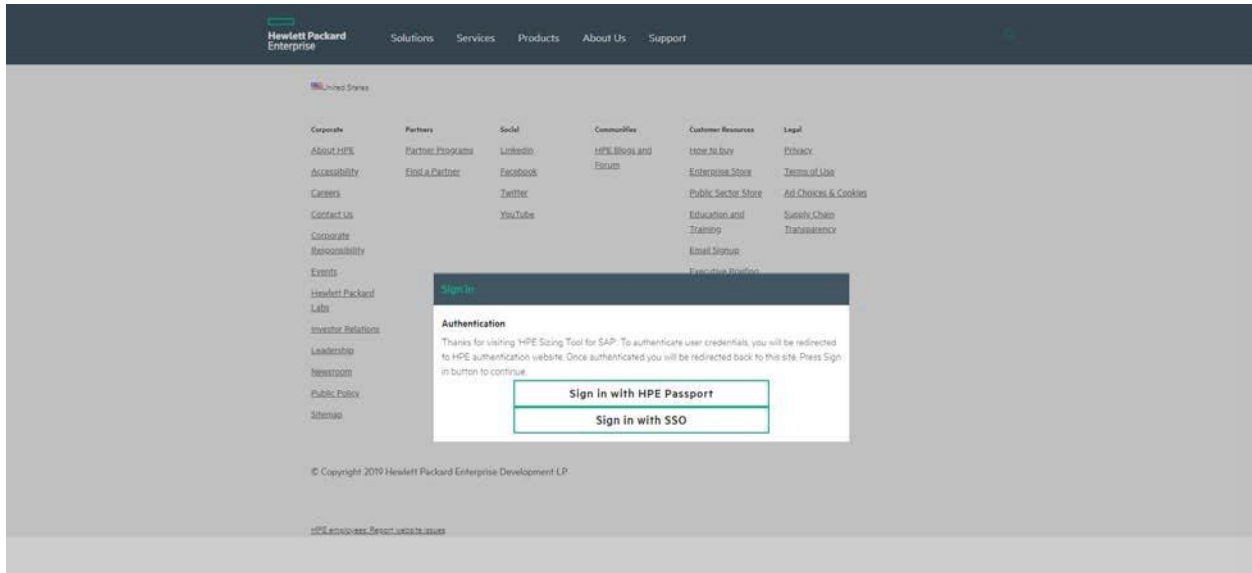
How to access HPE Sizing Tool for SAP Online Sizer

HPE Sizing Tool for SAP Online is available at: <https://solutionsizers.ext.hpe.com>

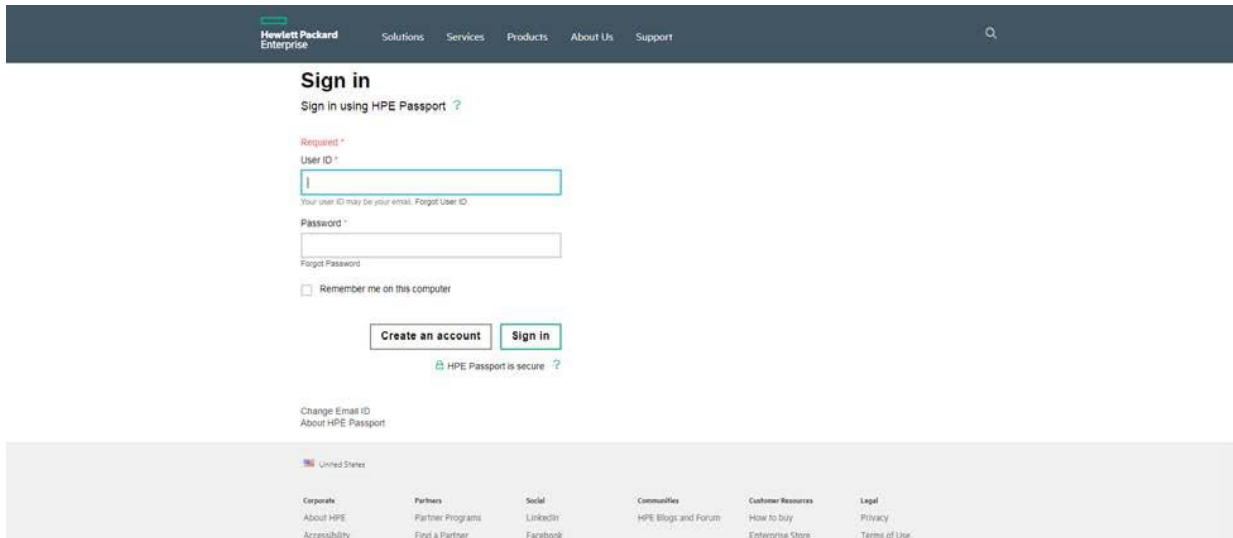
Click on “Launch Sizer” link of “HPE Sizing Tool for SAP” block.



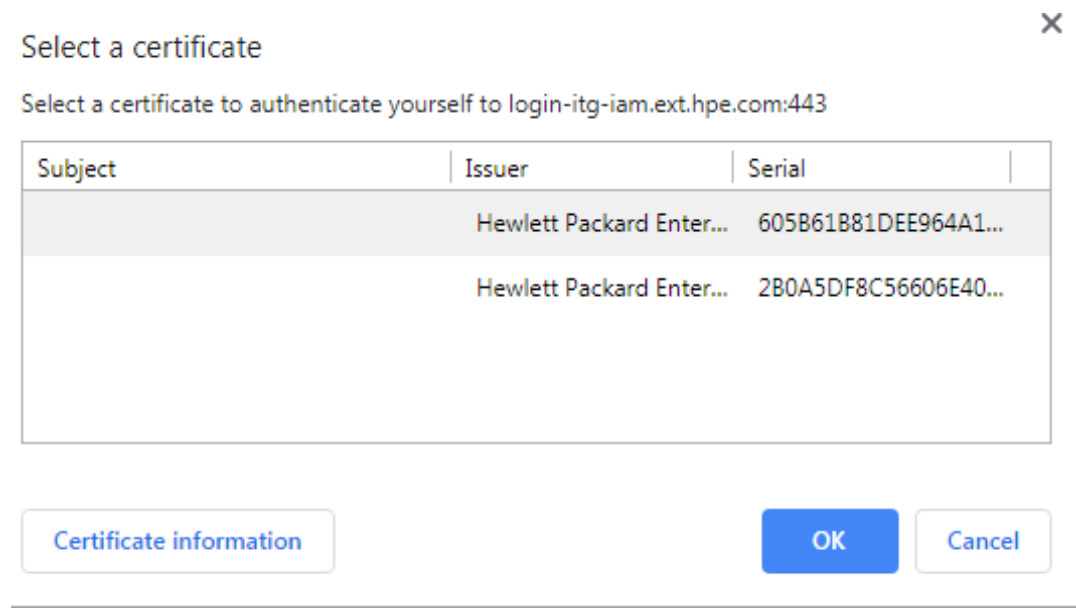
Sizer is authenticated using both HPE Passport and Single Sign On (SSO). Click on Sign In button.



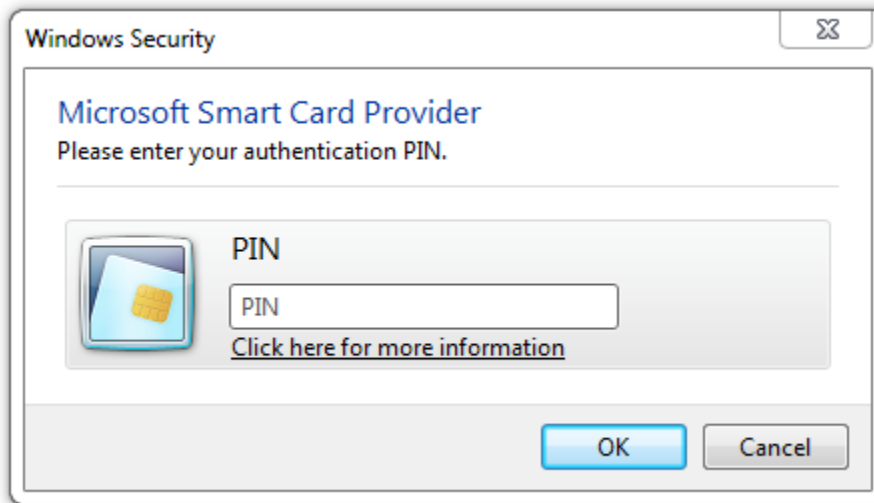
When the Passport Sign in option is chosen, HPE Passport login page is displayed. If you already have an existing HPE Passport account, please enter your credentials and click Sign In. Else, click on the “Create an account” button to create a new HPE Passport account.



When the SSO Sign in option is chosen, it will ask to select HPE Digital Badge certificate.
Select the proper Certificate and click OK.

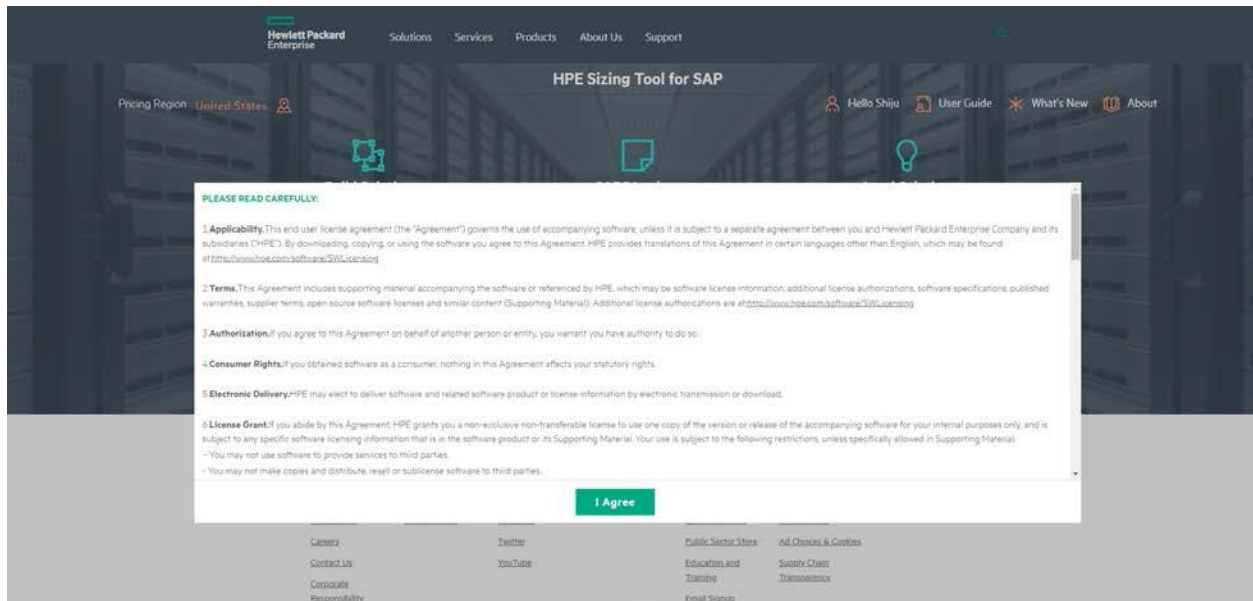


As a next step, option to provide the Smart PIN window is appeared.



Enter your Smart PIN number and click OK.

When you are successfully authenticated, read the License Agreement and click I Agree to go to the Sizer home page.



Beginning a session

In Sizer Home page, the following options are available.

Build Solution – To start using the Sizer by providing inputs

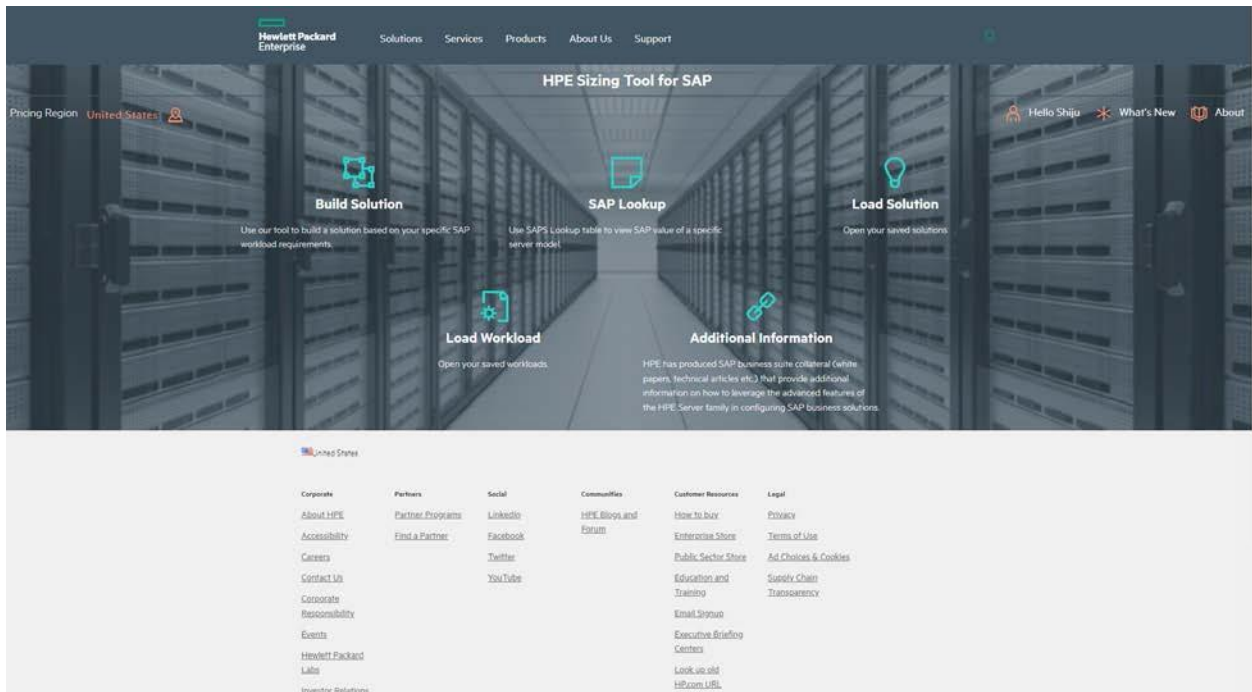
SAPS Lookup – To view the SAPS of specific server models

Load Workload / Solution – To load a previously saved workload / solutions

Click on “Build Solution >>” button to begin a session.

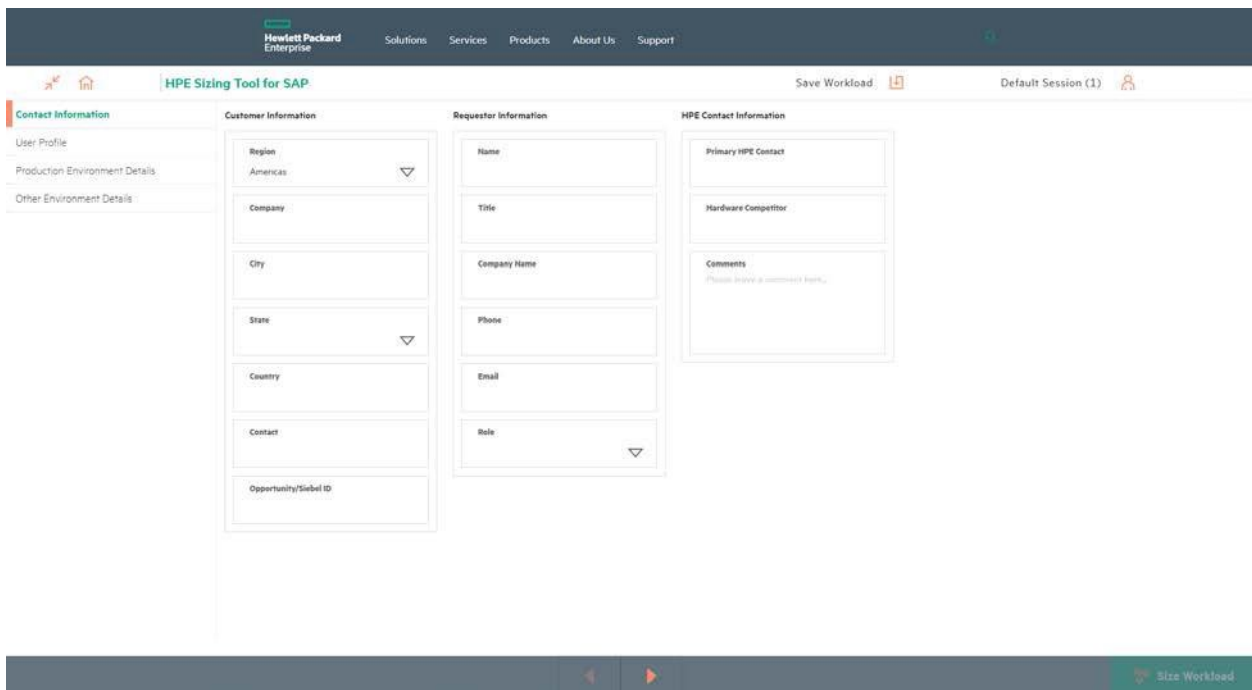
What’s New – To view the latest product updates

Additional Information – To view the product white papers



Interview screens

Contact Information screen is displayed to provide the Customer/ Requester/ HPE Contact information.



Click on the Forward / Backward arrow buttons to traverse between screens. Traverse from one screen to other can also be done using the Left navigation panel.

Provide your SAP Production Environment User Matrix details in User Profiles screen:

SAP ECC (R/3) Modules		Load Factor	Low	Medium	High
Controlling	CO	.6	0	0	0
Financial Accounting (incl. F&AA)	FI	.1	0	0	0
Personnel Admin & Payroll	PA	.1	0	0	0
Personnel Planning & Development	PD	.3	0	0	0
Logistics Execution (former LE-WM)	LE	.2	0	0	0
Asset Lifecycle Mgmt (former PM)	ALM	.6	0	0	0
Materials Management	MM	.3	0	0	0
Production Planning	PP	.6	0	0	0
Project System	PS	.6	0	0	0
Quality Management	QM	.3	0	0	0
Customer Service	CS	.6	0	0	0
Sales & Distribution	SD	5.5	0	0	0

Based on your requirement, various inputs can be provided in Production Environment Details screen such as:
 SAPs, Database size, Storage configuration, Service configuration, SAP ECC Version
 Sap Production Environment Planning (Configuration Type, Data base Type, Operating System, Server Type)

Based on your requirement, various inputs can be provided in Other Environment Details screen such as:

Test / Quality Assurance System, Training System, Development System, Sandbox System.

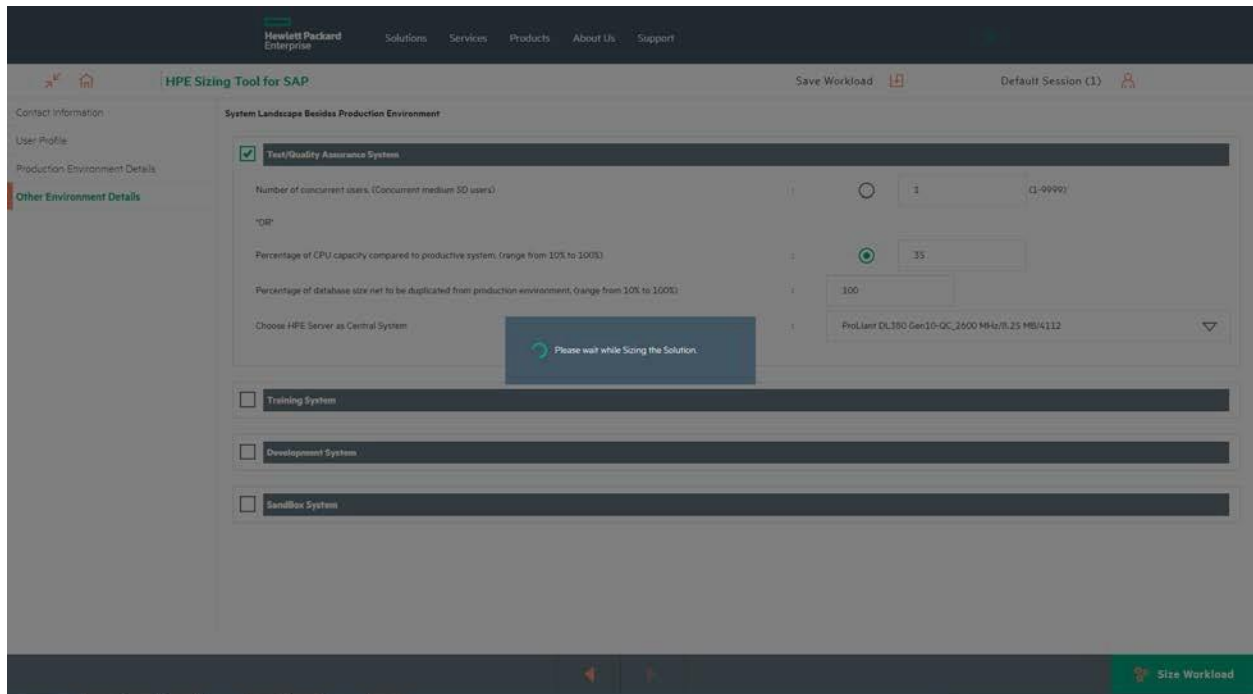
The screenshot displays the HPE Sizing Tool for SAP interface. The top navigation bar includes the Hewlett Packard Enterprise logo and links for Solutions, Services, Products, About Us, and Support. The main header shows 'HPE Sizing Tool for SAP' and 'Save Workload' options. The left sidebar contains navigation links: Contact Information, User Profile, Production Environment Details, and Other Environment Details. The main content area is titled 'System Landscape Besides Production Environment' and features a configuration panel for a 'Test/Quality Assurance System'. This panel includes input fields for 'Number of concurrent users' (set to 1), 'Percentage of CPU capacity compared to productive system' (set to 35%), and 'Percentage of database size net to be duplicated from production environment' (set to 100%). A dropdown menu for 'Choose HPE Server as Central System' is set to 'ProLiant DL380 Gen10-OC_2600 MHz/8.25 MB/4112'. Below this are three unchecked checkboxes for 'Training System', 'Development System', and 'Sandbox System'. At the bottom right, a green 'Size Workload' button is visible.

User has option to save the created configuration/workloads in the server using Save Workload option available at the top of the screen. Saved Workloads can be used for the future reference.

Sizing

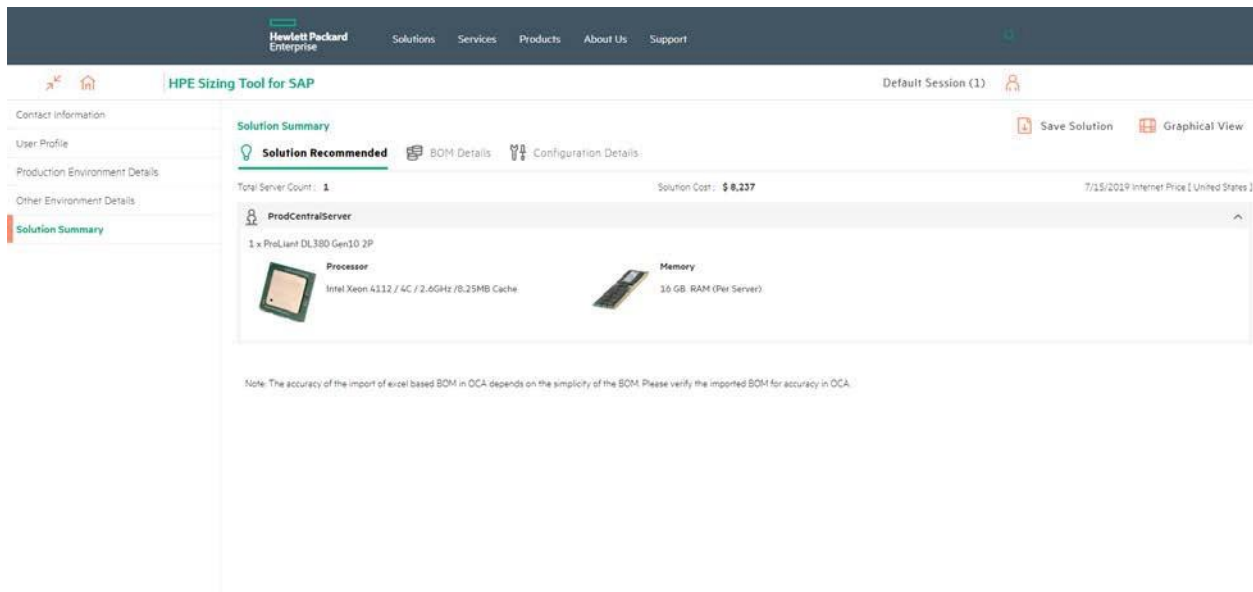
When all the inputs are provided, click Size Workload button to start sizing.

Sizing starts now, and it show the progress and takes few seconds to complete the sizing.



Solution Summary

When the sizing is completed, Solution Summary screen is displayed which provides the Recommended Solution Details with different role details, solution cost, recommended configuration etc.



Solution Summary screen also contains the following options:

Save Solution – To save the solution for future use

BOM Details – To view the detailed Bill of Materials

Configuration Details – Detailed configuration information with Input, Output and detailed Bill of Materials.

Configuration Details can be exported to Word, PDF and a detailed Proposal Document can also be generated. Graphical Representation – To view the pictorial format of solution generated. Rack Inner view, Front View, and Rear View etc. are also available. Detailed Cost Split Diagram available is in Graphical Representation. Print / Save option are also available.

BOM Details – Detailed Bill of Materials.

Consolidated - Bill Of Material (BOM) [United States]

Quantity	Part Number	Description	Status	List Price(\$)	Cost at Quantity(\$)
1	AFO21A	HPE 10622 G2 Pallet Universal Rack	Active	1,479	1,479
1	848705-821	HPE DL380 Gen10 12LFF CTO Server	Active	2,354	2,354
2	830272-821	HPE 1600W PS Plat Ht Plg LH Plat Spz Kit	Active	479	958
1	873447-421	HPE DL380 Gen10 4112 Xeon-S FIO Kit	Active	819	819
1	826706-821	HPE DL380 Gen10 High Perf Heatsink Kit	Active	169	169
1	873447-821	HPE DL380 Gen10 4112 Xeon-S Kit	Active	819	819
2	815097-821	HPE 8GB 1R68 PC4-25600 V-R Smart Kit	Active	420	840
1	ESY43A	HPE OV for DL 3yr 24x7 FIO Phys 1 Yr Lic	Active	799	799
				Total Price(\$)	8,237

This is an approximate bill of materials. Please contact your HPE Representative for a complete configuration.

Note:

- * Microsoft(R) Excel must be installed on your machine in order to view the spreadsheet.
- * Once you open the spreadsheet, you will be able to save it to your hard disk.
- * If Microsoft(R) Excel is not installed on your machine, you will be provided an option to save the spreadsheet for later use. Please rename the file extension to ".xls" if you want the file to be opened in Microsoft(R) Excel at a later point in time.

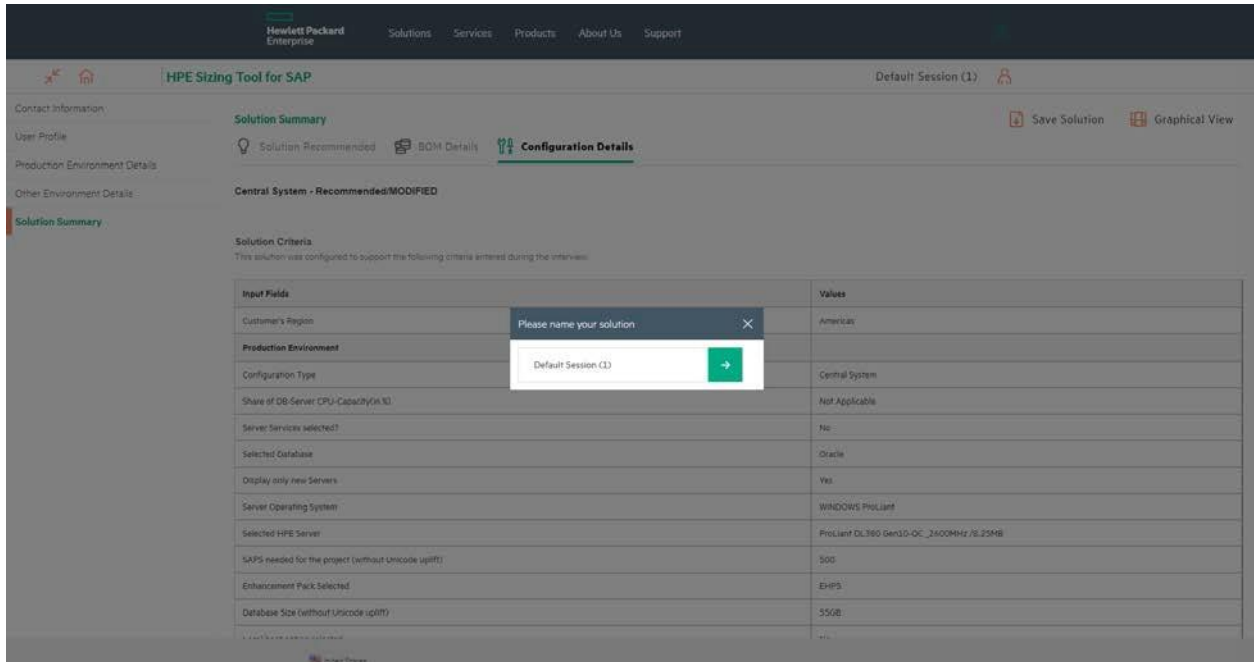
Configuration Details – Detailed configuration information with Input, Output and detailed Bill of Materials. Configuration Details can be exported to Word, PDF.

Central System - Recommended/MODIFIED

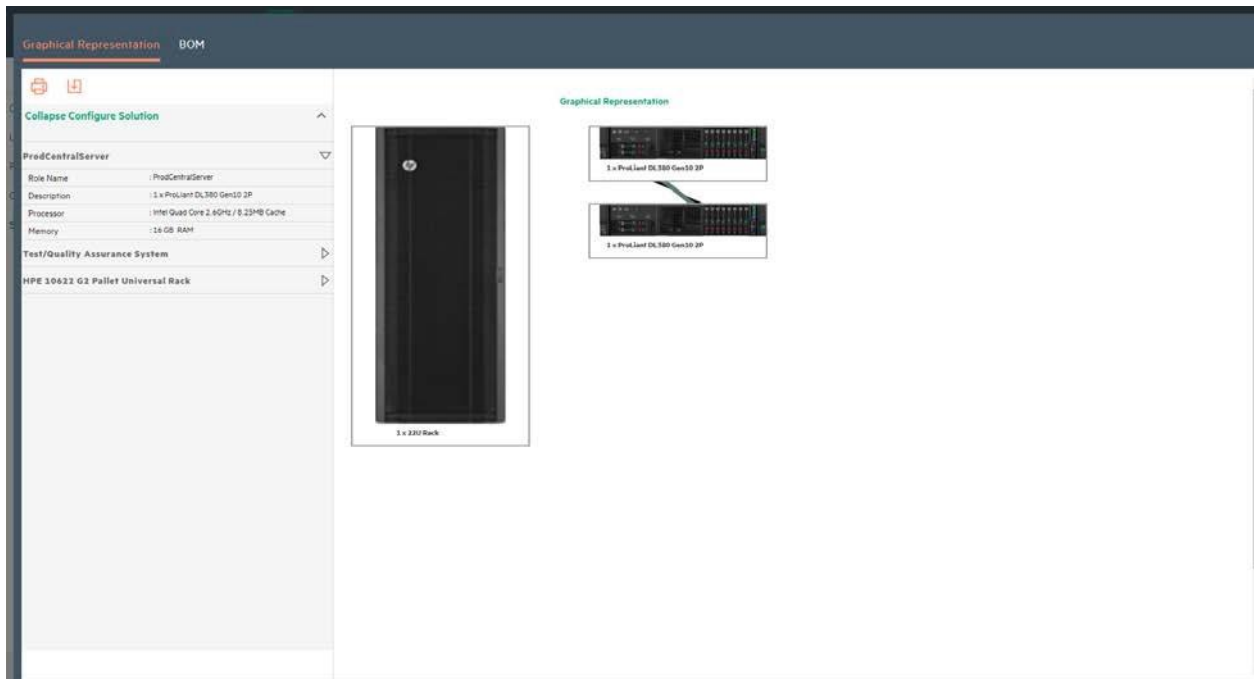
Solution Criteria
This solution was configured to support the following criteria entered during the interview:

Input Fields	Values
Customer's Region	Americas
Production Environment	
Configuration Type	Central System
Share of DB-Server CPU-Capacity(in %)	Not Applicable
Server Services Selected?	No
Selected Database	Oracle
Display only new Servers	Yes
Server Operating System	WINDOWS Pro,Last
Selected HPE Server	ProLiant DL380 Gen10-DC_2400MHz /8.25MB
SAPS needed for the project (without Unicode uplft)	500
Enhancement Pack Selected?	EHPS
Database Size (without Unicode uplft)	55GB

Save Solution option: Click on Save Solution option to save the solution for future usage.



Graphical Representation – To view the pictorial format of solution generated. On clicking on the Rack image, user can see the Inner-view of the rack and its components.



Detailed Cost Split Diagram is available on click on BOM in Graphical Representation. Provided the Print & Save option.

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