

Nutanix Audit Report

This report presents the findings summary of the assessment of existing desktops environment in order to determine the optimal Nutanix solution design.

Based on Liquidware Labs Stratusphere solution and built specifically for Nutanix, the report includes a breakdown of workload profiles as well as summary of resources usage to be used in Nutanix VDI Sizer tool.

Introduction

The assessment is based on a mostly Virtual environment accessed by total of 37 users that were observed for 7 days.

The target solution is based on VDI and RDSH/XenApp workload types and includes 5 different types of workloads.

No users were excluded from the targeted solution based on their resources consumption.

The report is organized into 3 main sections :

VDI /RDSH profiles

Workload profiles definition and user count (actual and targeted)

Estimated size and resource overview for targeted environment

Health Check (if applicable)

For existing virtual environment only

Provides a summary of actual User Experience and performance bottlenecks detected

VDI Sizer

Organize findings in a easy to use list for VDI sizer

To be used in conjunction with Nutanix VDI Sizer accessible through Nutanix Community site.

VDI Scenario

User breakdown (actual)

Task worker

7

CPU	RAM	Profile	IOPS
280	2	5	30

Knowledge

7

CPU	RAM	Profile	IOPS
383	4	10	40

Power User

10

CPU	RAM	Profile	IOPS
500	6	25	60

Developer

13

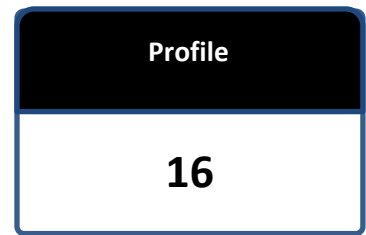
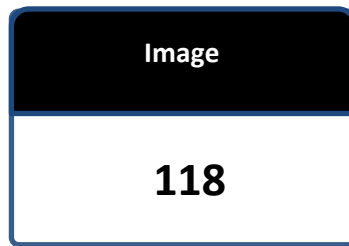
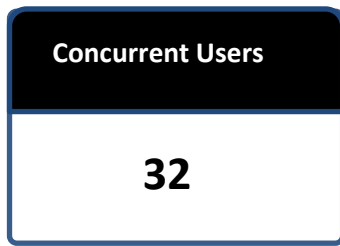
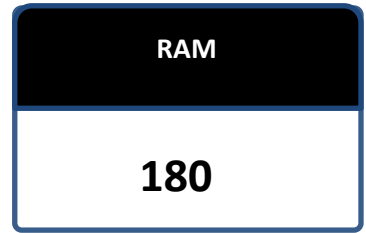
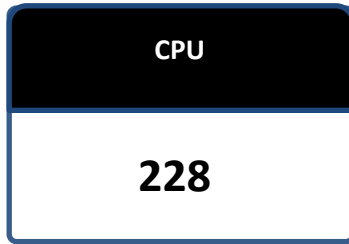
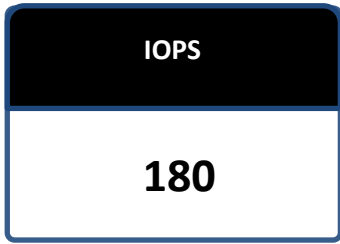
CPU	RAM	Profile	IOPS
2800	8	50	60

Projected Workload Types

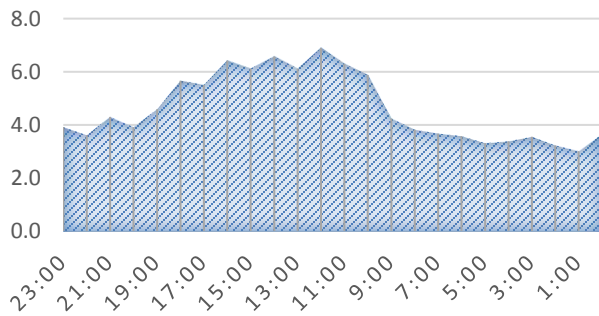
Task	19
Knowledge	19
Power	27
Developer	35
Exclude	0

Total	100
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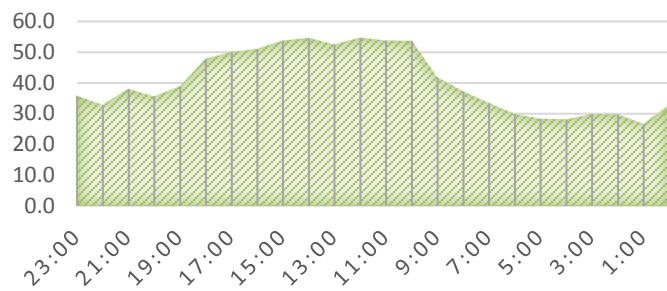
XenApp/RDSH Scenario



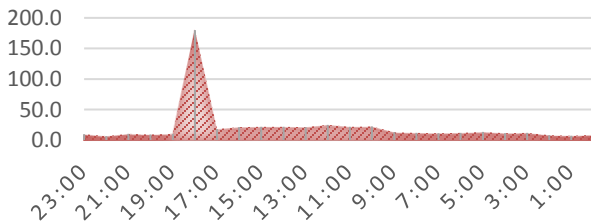
CPU GHZ



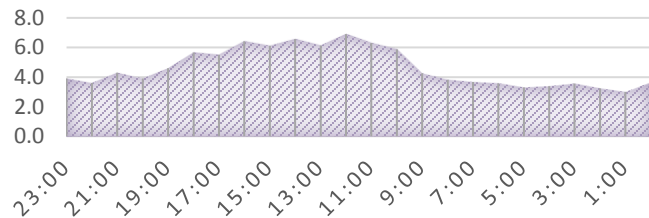
MEMORY GB



DISK IOPS



USERS



VDI Sizer

Workload Name	Workload 1
Workload Type	VDI
Select User Type	Task Worker
Number of Users	19

Workload Name	Workload 2
Workload Type	VDI
Select User Type	Knowledge Worker
Number of Users	19

Workload Name	Workload 3
Workload Type	VDI
Select User Type	Power User
Number of Users	27

Workload Name	Workload 4
Workload Type	VDI
Select User Type	Developer
Number of Users	35

Workload Name	Workload 5
Workload Type	RDSH/XenApp
Number of Concurrent users	32
System Data(GiB)	118
User Profile Data (MiB)	16