

## VMWARE Specification

The vSphere Essentials Plus Kit latest Version consists of the following:

- vSphere Hypervisor (ESXi)
- vCenter Server Essentials.
- vSphere Data Protection.
- vSphere High Availability (HA)
- vSphere vMotion.
- Cross Switch vMotion.
- vSphere vShield Endpoint.
- vSphere Replication.
- 3 Years support term

## Server Specification

Item 1: server added to VMWARE		QTY 1
Form Factor chassis	Rack mountable	
Processors	Installed: Two (2) Intel Xeon Silver 4214 10C 2.20 GHz	
Chipset	Intel Chipset	
Installed memory	128GB DDR4 2999MHz up to 1024GB of RAM	
Internal Storage	3 x 480GB SSD SATA HDD hot plug	
RAID Controller	RAID controller support 0/1/5/10 & 6 with 1G Cache.	
Cooling	hot-plug redundant cooling fan	
Power Supply	Dual, Hot-plug, Redundant Power Supply	
Optical Drive	DVD+/-RW Drive or Equivalent system	
Networking	2 x 10/100/1000 Ethernet ports + 1GBE management	
Fiber card	2 ports FC 16GB/s card with required fiber cables qty 2	
Slots	Free PCIe slots	
Operating System support	Microsoft® Windows Server® 2016 VMware vSphere Red-Hat® Enterprise Linux	hypervisors: Citrix® XenServer™ VMware vSphere™ MS Hyper-V
Service & Support	3 years (parts and Labor) onsite warranty	

١- الوضع القائم حاليا:

السيرفرات الموجودة مع وحدة التخزين كالتالي:

- Fujitsu server Primergy RX254 M5; 2CPU; 128GB RAM; 2 FC QTY 2
- Fujitsu storage Eternus DX100 S4 Hybrid System; 2 Controllers QTY 1
- Brocade G610 Switch 8 Ports FC installed QTY 1

٢- المطلوب لاستكمال المشروع

- شراء VMWARE Essential Plus licenses
- شراء خادم حسب المواصفات أعلاه لأضافته على نظام ال VMware
- تنزيل نظام VMWARE على الخوادم الثلاث ونقل جميع انظمه التشغيل Windows والأنظمة العاملة عليها الى النظام الجديد والمرفقة في الملحقات.
- تدريب موظفي الوحدة على نظام VMware في الموقع.

### Conditions

- The Contractor shall visit the site and shall be responsible for obtaining all information
- The Contractor is responsible for full installation of the system and to have it work properly, and to provide technical consultations to resolve any problems.
- The bidder shall provide Company Profile & practical experience with related fields; shall provide a list of references for such project in Jordan.
- Warranty period after the date of final acceptance, Maintenance percentage shall be indicated in the offer after the free warranty period.
- The bidder shall price each item separately:
  - VMWare Software
  - Server
  - All installation and configuration processes
  - **Professional VMware training for 2 employees**

ملحق بالخوادم الموجودة في الهيئة:

No	Vendor	Model Number	Cores	Total RAM GB	Utilized RAM(GB)	Total Disk Capacity (GB)	Utilized Disk Capacity (GB)	OS
1	Dell	PowerEdge 2950	4	24	15	1109	120	Windows Server 2012 R2 Standard
2	Dell	PowerEdge 2950	4	16	13	1109	58	Windows Server 2012 R2 Standard
3	FUJITSU	PRIMERGY RX300 S6	4	8	4.8	278.9x2	132.2	Windows Server 2008 R2 Enterprise
4	FUJITSU	PRIMERGY RX300 S6	4	8	5.54	278.9x2	88 /191.8	Windows Server 2008 R2 Enterprise
5	Dell	PowerVault NX300	4	6	4.94	1,778	842.4	Windows Storage Server 2008 R2 Workgroup
6	IBM	System x3650 M3 - [7945TML]-	4	32	5.47	1,115.5	333.2	Windows Server 2008 R2 Standard
7	HP	ProLiant DL380 G6	4	6	2.8	410	151.28	Windows Server 2003 R2 Enterprise
8	HP	ProLiant DL380 G5	4	8	2.3	204.99	82.38	Windows Server 2003 R2 Enterprise
9	HP Blade Servers	ProLiant BL460c G6	4	8	3.3	232.8	46.8	Windows Server 2008 R2 Enterprise
10	HP Blade Servers	ProLiant BL460c G6	4	8	2.7	232.8	34.6	Windows Server 2008 R2 Enterprise
11	HP Blade Servers	ProLiant BL460c G6	4	8	3.4	232.8	55	Windows Server 2008 R2 Enterprise
12	HP Blade Servers	ProLiant BL460c G6	4	16	5	232.8	70.7	Windows Server 2012 R2 Standard
13	HP Blade Servers	ProLiant BL460c G6	4	16	5.20	232.8	74.88	Windows Server 2008 R2 Standard
14	HP	ProLiant ML110 G5	4	2	1.7	500	165.95	Windows Server 2008 R2 Enterprise
15	HP	ProLiant DL180 G6	4	4	2	4085	766	Windows Server 2008 R2 Enterprise
16	HP	ProLiant DL80 Gen9	6	8	5	3620	3597	Windows Server 2008 R2 Enterprise