

Process Owner: IT Operations	FORM	F-CMG-3.1
	Create New Server Instance in JKA-PESX-HV01	

Request Information				
Requestor	DesktopOps			
Implementing Team	ServerOps			
Ticket Number/s	201917304			
Change Classification		Major	x	Minor
After the fact		Yes	x	No
Emergency		Yes	x	No
Proposed Change Date	July 18, 2019			
Proposed Change Start/End Time	16:00 – 17:00			
Proposed Change Verification Time	17:30			

Objective of the change

Technical/Operational Impact of the change		
Negative: Additional CPU, Memory and Disk utilization for JKA-PESX-HV01	Beneficial: OsTicket Test server will be available for DesktopOps to perform their assigned task.	Neutral: N/A

Affected IT Infrastructure components			
Site	Hostname	IP Address	Function
JAKA	JKA-PESX-HV01	172.17.1.11	ESXI Host / Hypervisor

Affected Departments and corresponding contact persons		
Department	Contact Name	Contact Info
ServerOps Team	Rovie Salvatierra	0917-627-4325
DesktopOps Team	Marc Arahán	

Test Environment implementation and Verification Summary
<ol style="list-style-type: none"> 1. Log-on to JKA-PESX-HV01 using the root credentials. 2. On the Virtual Machines page, create a New VM. 3. Upload a Centos7-x86_64 ISO to the datastore2 of JKA-PESX-HV01. 4. On the VM instance, select CD/DVD and access the Centos7-x86_64 ISO. 5. Turn on the Virtual Machine and install Centos7-x86_64. 6. Once done, set a static IP address for the Server. 7. Set host name to JKA-VLIN-OST01 8. Configure SSH connection set ssh port to 3489 9. Reboot server, after boot, log-on to the using root credentials.

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Test Environment Results Summary

1. Virtual instance is turned on and running when you open the JKA-PESX-HV01.
2. Test server for OsTicket is successfully installed and no error prompt upon launch.

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Configuration Change Template

Baseline File	3.1.144 JKA-PESX-HV01
Baseline Version	3.0

Baseline File Changes:

Existing Configuration	Proposed Change	Impact	Section
JKA-VLIN-FIM01 JKA-VLIN-FNP02 JKA-VWIN-DC01 JKA-VWIN-WSUS01	Add new virtual server having Linux Operating System (Centos), 4GB RAM and 1TB Storage Capacity. for OsTicket testing.	Additional instance in the PESX machine.	Virtual Machine

Physical Implementation Procedures / Advisory

No physical implementation will be facilitated.

Backup Procedures

No Backup procedures since it's a creation of new virtual instance.

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Technical Configuration Procedures
<ol style="list-style-type: none"> Log-on to the web interface of VMWare ESXi using the credentials below <ol style="list-style-type: none"> Username: root Password: P*****t Server Links: <ul style="list-style-type: none"> https://172.17.1.11/ui/#/host/vms/5 From the Virtual Machines section, click on Create/Register VM > Create New Virtual Machine. Name it GL2-VLIN-KBS01 > select the following: <ul style="list-style-type: none"> Guest OS Family: Linux Guest OS Version: Centos-7 (64-bit) Next, select GL2-PESX-HV01.datastore2 > customize the settings: <ul style="list-style-type: none"> CPU: 2 Hard Disk 1: 1 TB CD/DVD Drive 1: Datastore ISO File On the Datastore browser, go to JKA-PESX-HV01.datastore2 > ISO > Upload > select Centos-7x86_64 Follow the Wizard until Finish. Once done, right click on the VM JKA-VLIN-OST01 > Power > Power On. Follow Centos-7 installation wizard and wait until VM boots up. Enter the root credentials to login. Once logged set STATIC ip for the server <ul style="list-style-type: none"> IP: 172.17.0.130 Subnet Mask: 255.255.255.0 Default Gateway: 172.17.0.254 Preferred DNS: 172.17.0.121 Alternate DNS: 8.8.8.8 Next, rename the server hostname <ul style="list-style-type: none"> hostnamectl set-hostname JKA-VLIN-OST01 Reboot server to take effect, Once the PC boots, log back-in and Configure SSH connection <ul style="list-style-type: none"> yum install openssh openssh-server openssh-clients openssh-lib cp /etc/ssh/sshd_config /etc/ssh/sshd_config.orig vi /etc/ssh/sshd_config and find port 22 and change it to port 3489. hit wq! to save file. Restart SSH service "systemctl restart sshd.service" Able to connect now via SSH using port 3489

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Verification Procedures
<ol style="list-style-type: none"> 1. To verify that instance was successfully created, log on to https://172.17.1.11/ui/#login using the root credentials. On the Virtual Machine list, you will see the JKA-VLIN-OST01 instance on the list. 2. Server is accessible via SSH using IP address with port 3489

Back-out Procedures
<ol style="list-style-type: none"> 1. Log-on to the web interface of VMWare ESXi using the credentials below <ul style="list-style-type: none"> • Username: root • Password: P*****t • Server Links: https://172.17.1.11/ui/#login 2. From the Virtual Machines section > right click on GL2-VLIN-KBS01 VM instance > Power > Power Off. 3. Right click on the VM again > Delete.