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Deploying WMS5 on Hardware, Virtual and Cloud PBXs

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If your WMS version is lower than WMS4, first upgrade your PBX to WMS4, please follow the document: [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#)

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 **Upgrade to WMS 5 is supported on:** Per User PBXs updated to the latest WMS 4 version with monthly, yearly or 5 year subscriptions. Lifetime per user systems bought 01 Jan 2020 onwards.

Upgrade to WMS 5 is NOT SUPPORTED on: Per Service PBXs and Lifetime Per User PBXs , licenses for these PBXs must be regenerated.


How to update an unsupported system to WMS5:

- If your system is running a WMS version 3.88 or lower, you need to first update it to WMS 4. Follow this guide: [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#).
- If your system is a LifeTime or a Per Service PBX, you can convert it to Cloud, follow the procedure present in the guide [PBX Licensing and Activation](#) (chapter *Move PBX to Cloud*)

Install or upgrade VM PBX

Upgrade a VM PBX from WMS4 to WMS5

1. Update the PBX to the latest WMS4 version (using repository rel40)
2. Update the PBX to the first WMS5 version (using repository rel50)

 Upgrade of VM PBXs running WMS 3.XX or lower is not supported. Follow the guide [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#) to install a VM PBX running WMS4.

Update of VM PBXs with Lifetime licenses is not supported. Follow the guide [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#) to move your PBX to Cloud if you wish to use WMS5.

Install a new WMS5 VM PBX

Requirements

Any kind of VM hypervisor capable of importing OVF/OVA templates for deploying, is supported.

Recommended requirement for VM systems:

2vCPU, 4GB -> PBX managing up to 1000 users

4vCPU, 8GB -> PBX managing up to 5000 users

8vCPU, 16GB -> PBX managing up to 10000 users

Requirements may differ depending on the system usage (i.e. additional integrations, burst load, etc).

Deployment

- Download the new VM Image here: https://files.wildix.com/images/wms5/WMS_5.01_x64_20201113.ova compatible with VMWare 6.X, HyperV, Virtualbox)
- If you prefer OVF format, please use utility called OVFTool by VMWare: <http://ftp.tucha13.net/pub/software/VMware-ovftool-4.1.0/>

After installation, you need to run the following command changing paths for your system:

OVFTool command example


```
ovftool WMS_5.01_x64_20200710.ova WMS_5.01_x64_20201113.ovf
```

- In case if you're running VMWare version lower than 6.5, please run this command in order to reduce VMWare HW Compatibility Level:

OVFTool hw compatibility change (example for ESXi 6.0)

```
ovftool --maxVirtualHardwareVersion=11 wms_5_01_x64_20201113.ova wms_5_01_x64_20201113_v11.ova
```

Once the VM is installed, follow [PBX Licensing and Activation Admin Guide](#) (chapter *PBX Activation*) to activate your PBX and add user licenses.

 Note: If you install the system using Hyper-V, download VHD archive from here: https://files.wildix.com/images/wms5/WMS_5.01_x64_20201113_vhd.zip.



Upgrade HW PBX

Requirements

- Upgrade to WMS5 is supported on Per User PBXs with recurring subscriptions (monthly/ yearly/ five years) running WMS4

Upgrade a HW PBX from WMS4 to WMS5

1. Update the PBX to the latest WMS4 version (using repository rel40)
2. Update the PBX to the first WMS5 version (using repository rel50)

Upgrade of HW PBXs running WMS 3.XX or lower is not supported. Follow the guide [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#) to install WMS4 on your HW PBX first, before upgrading it to WMS5.

Update of HW PBXs with Lifetime licenses is not supported. Follow the guide [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#) to move your PBX to Cloud if you wish to use WMS5.

Activate or upgrade Cloud PBX

Add a new Cloud PBX

- Go to **PBX Per user**
- Select a customer and go *PBXes* tab
- Click **+** to add a new PBX
- Select **WPBX-CLOUD (WMS5)** in *Model* field

Model	WPBX-CLOUD (WMS5)
Region	WPBX-CLOUD (WMS5)
Name	WPBX-VM/HW <input type="text"/> .wildixin.com


- Fill in all other fields
- Click **Add**

Note: Wait for approximately 3 minutes before proceeding. Your PBX will be activated.

Upgrade your Cloud PBX

Requirement:

- Cloud PBX running WMS version 4

 Upgrade of Hardware PBXs running WMS 3.XX or lower is not supported. Follow the guide [Deploying WMS 4.0 on Hardware, Virtual, Cloud PBXs](#) to migrate your Cloud PBX to WMS4 first, before upgrading it to WMS5.

To upgrade your newly created or existing Cloud PBX to WMS 5 version, proceed with the following steps:

1. Update the PBX to the latest WMS4 version (using repository rel40)
2. Update the PBX to the first WMS5 version (using repository rel50)