

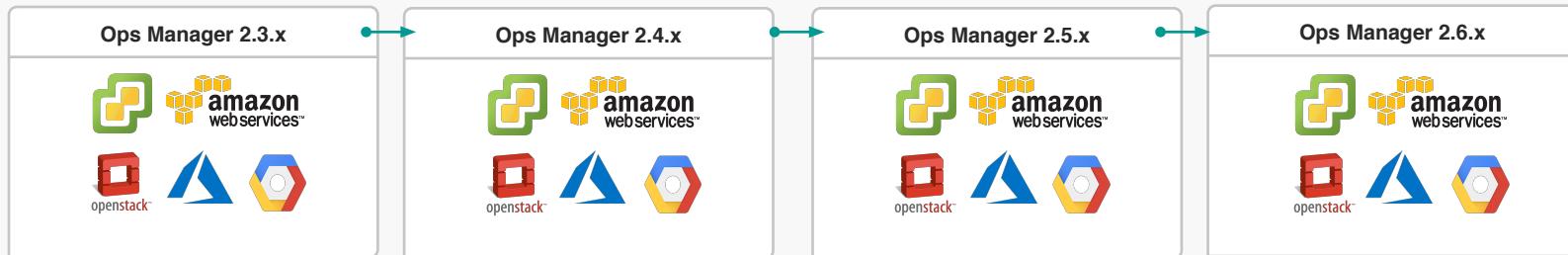
## Product Compatibility Matrix

To upgrade to the latest version of Operations Manager, operators should first upgrade each product to the minimum required version that is certified to run in the version of Operations Manager that they intend to upgrade to.

Once every product is upgraded, the operator can then safely upgrade PCF Operations Manager.

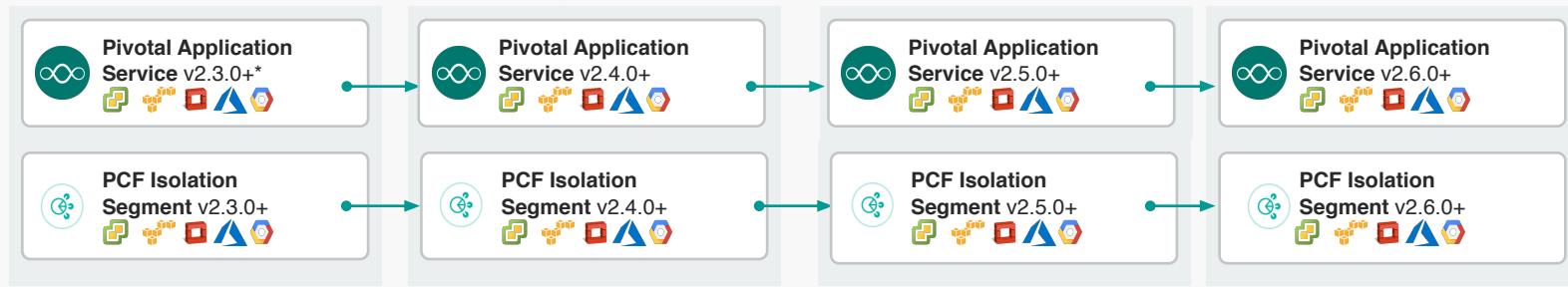
The visuals depict product upgrades vertically and Operations Manager compatibility horizontally.

Last updated on: Fri Aug 09 2019

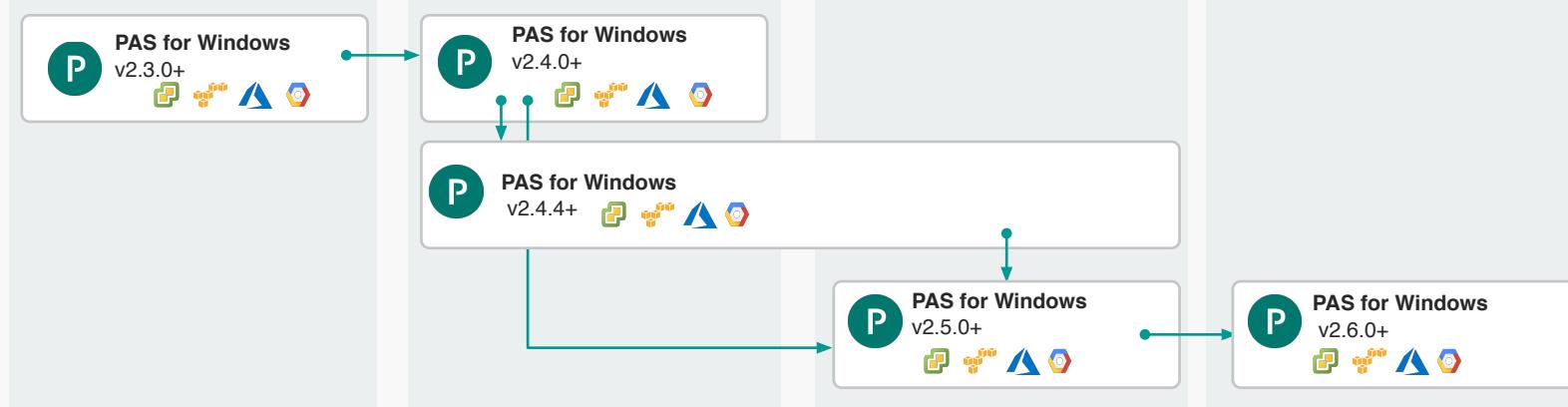


### Pivotal Cloud Foundry

(You must upgrade Pivotal Application Service and Ops Manager simultaneously.)



**PAS for Windows 2012R2**  
End of Availability  
(No support on PCF v2.3)



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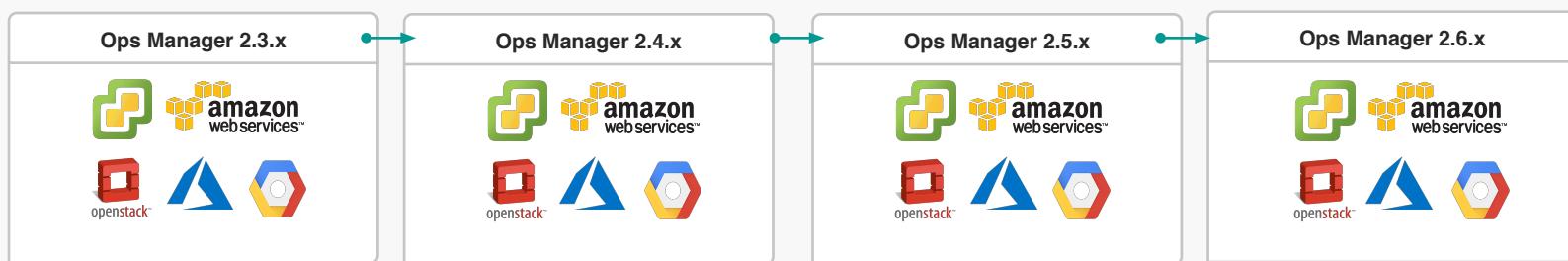
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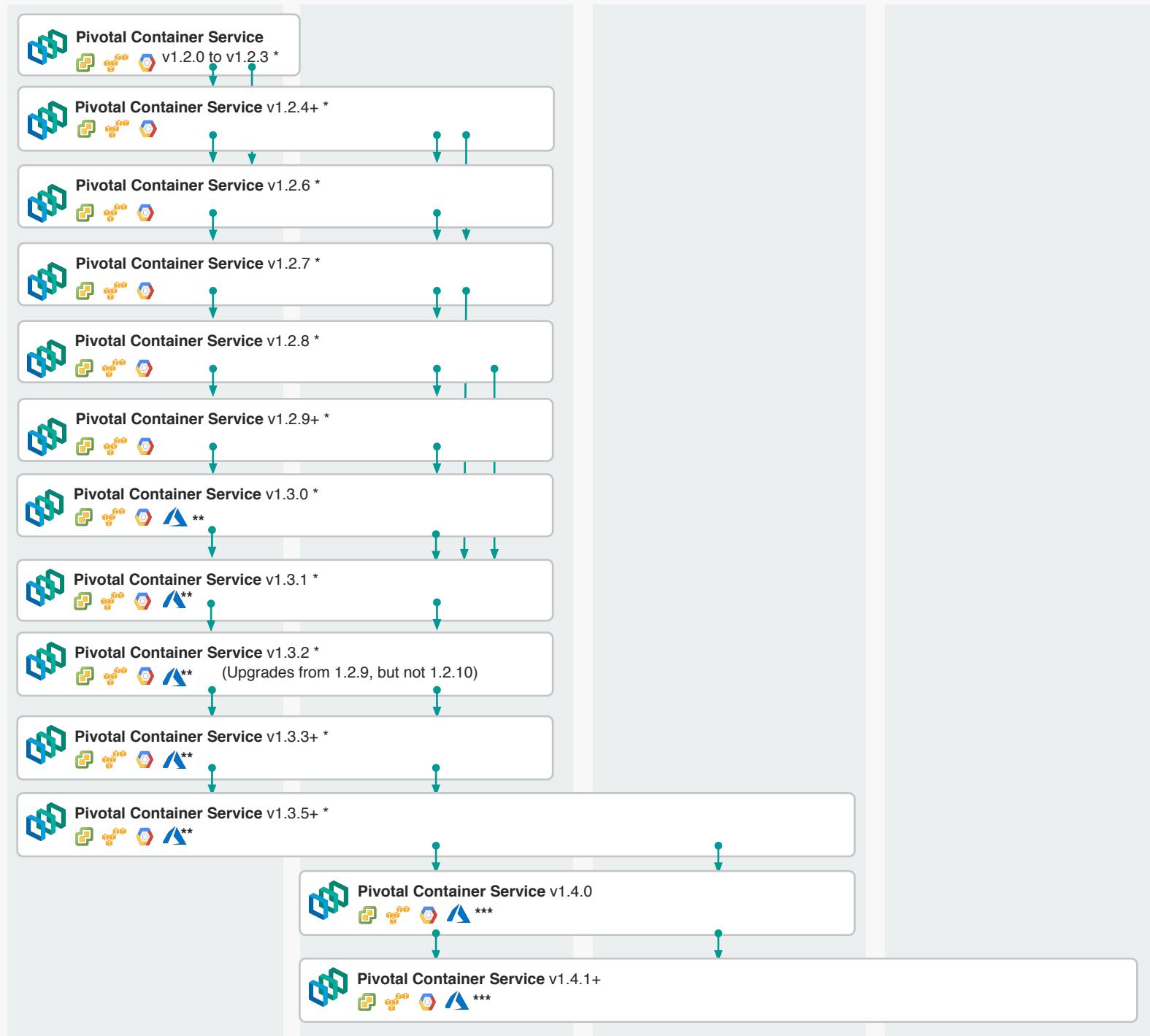
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\* PCF Services are supported but not necessarily verified on versions of OpenStack and vSphere certified for OpsManager; see specific service documentation for details.



## Pivotal Cloud Foundry



\* PKS v1.2.x and v1.3.x require Ops Manager v2.3.1 and later.

\*\* PKS v1.3.x on Azure is compatible with Ops Manager v2.3.9 and earlier only, and Ops Manager v2.4.3 and earlier only.

\*\*\* PKS v1.4.x on Azure is compatible with Ops Manager v2.4.2, v2.4.3, v2.4.13, and v2.5.5 and later.

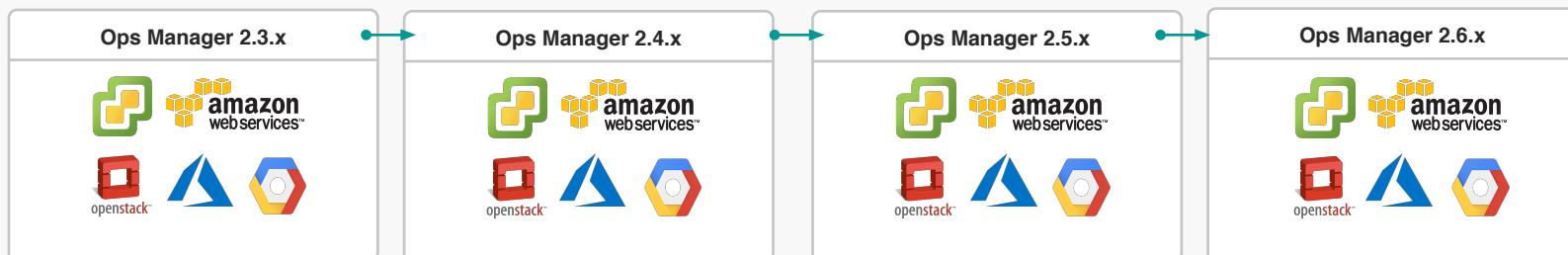
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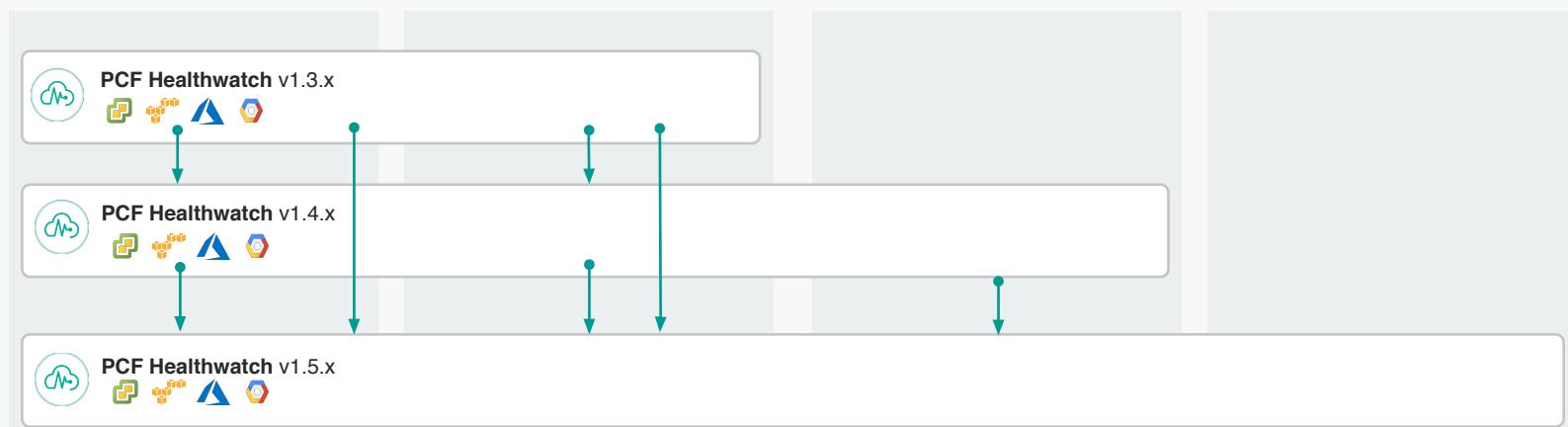
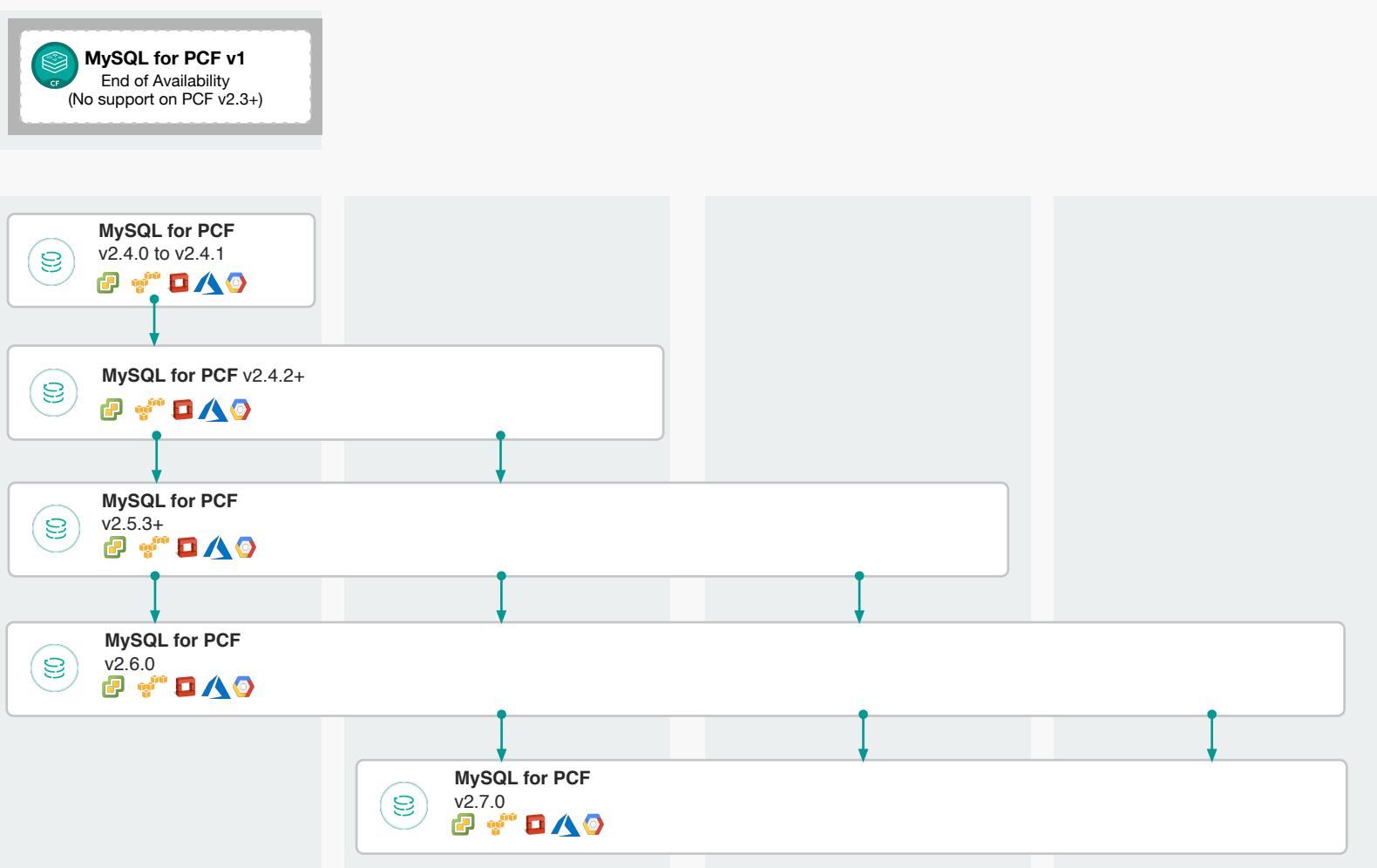
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### Pivotal Cloud Foundry Services



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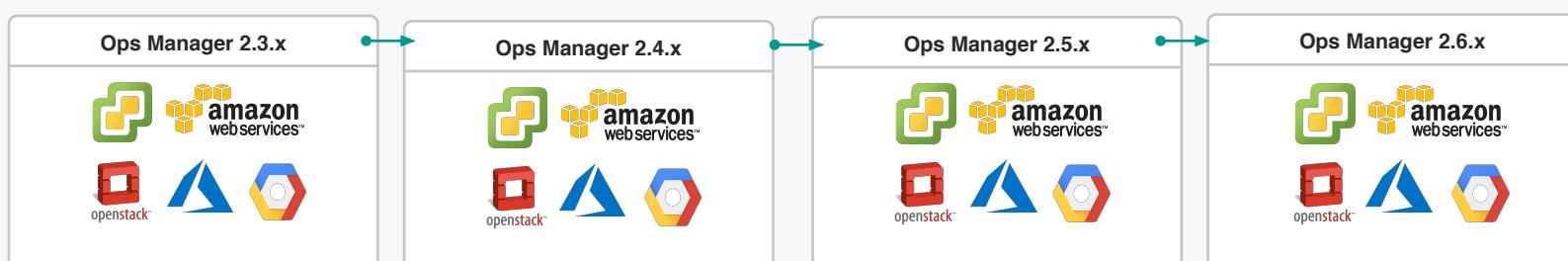
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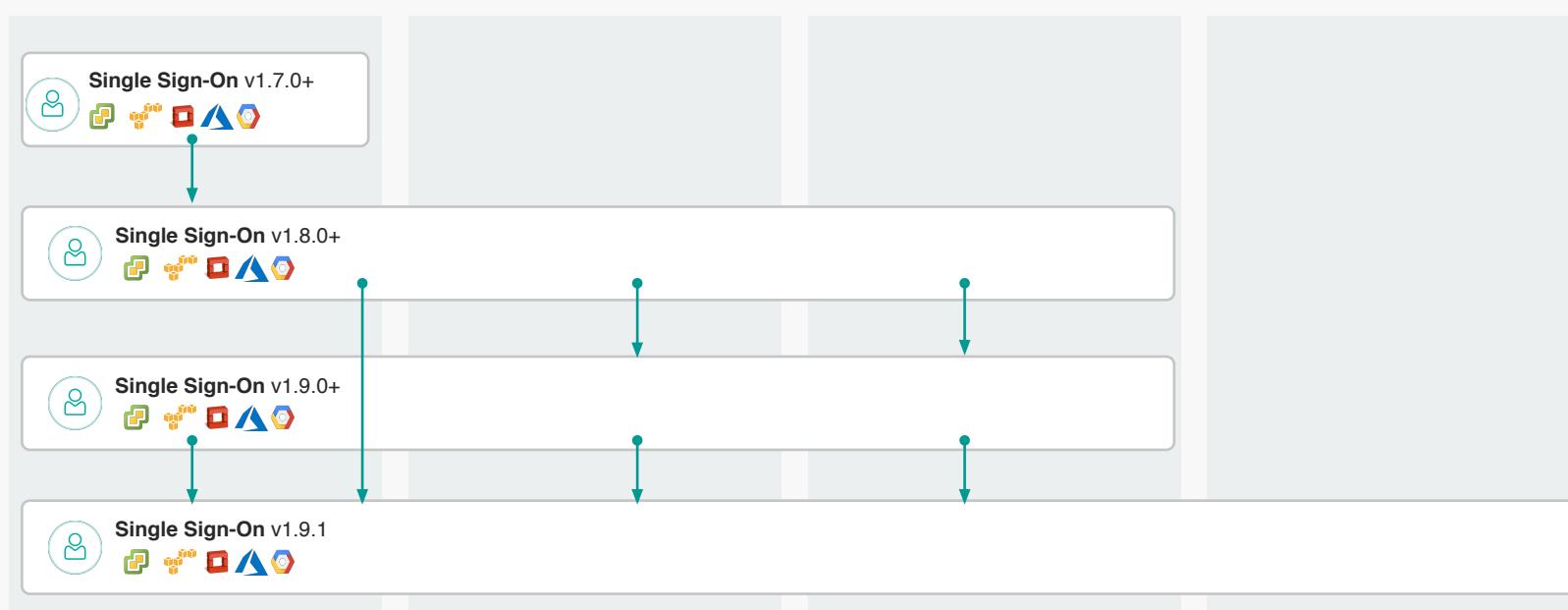
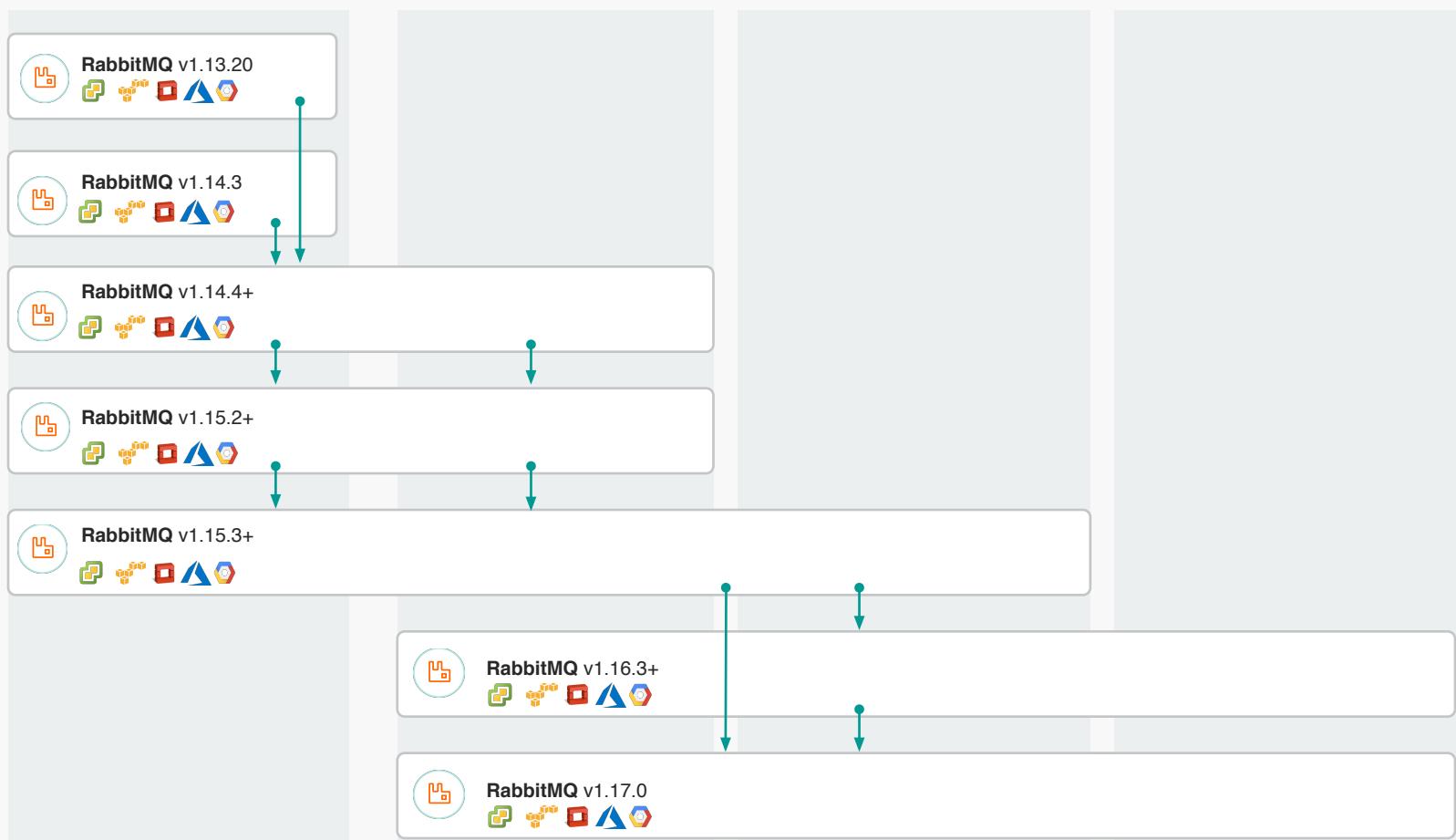
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### Pivotal Cloud Foundry Services (continued)



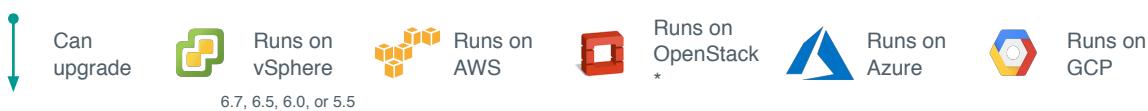
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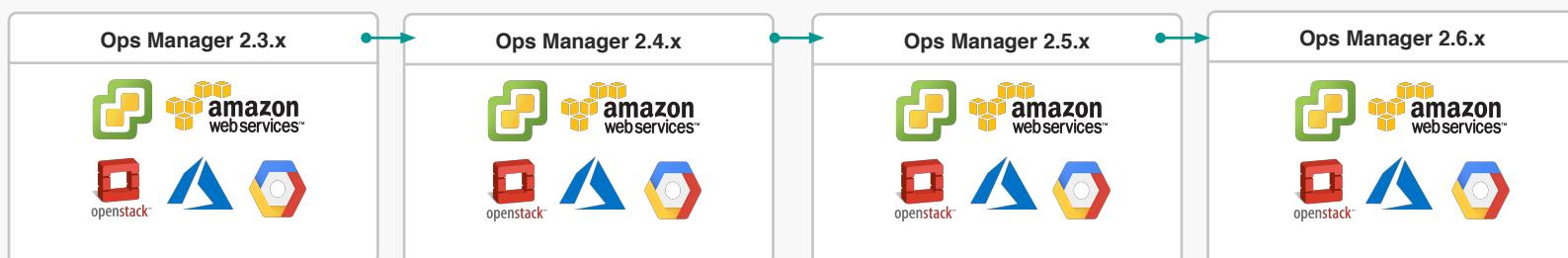
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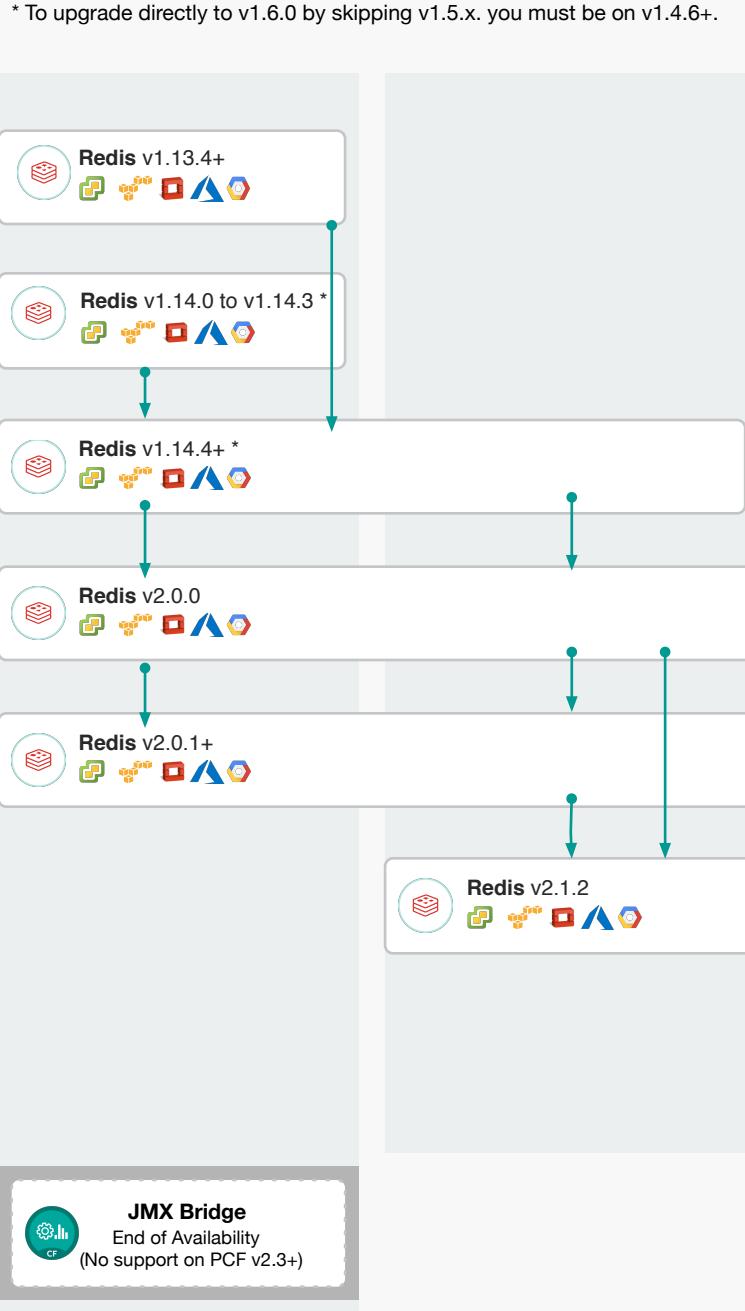
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### Pivotal Cloud Foundry Services (continued)



**JMX Bridge**  
End of Availability  
(No support on PCF v2.3+)

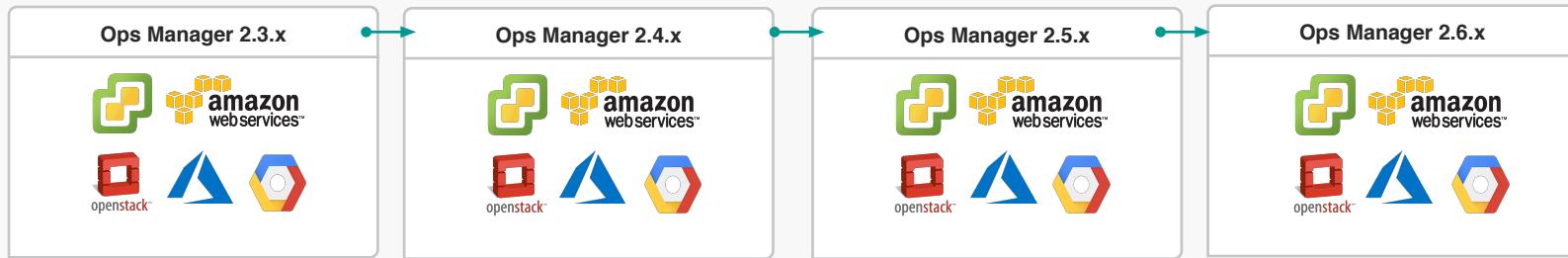
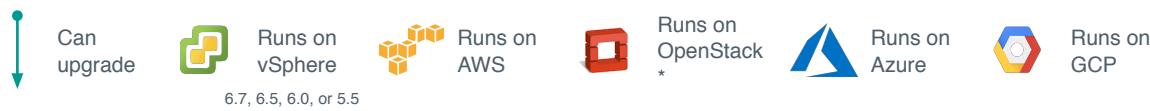
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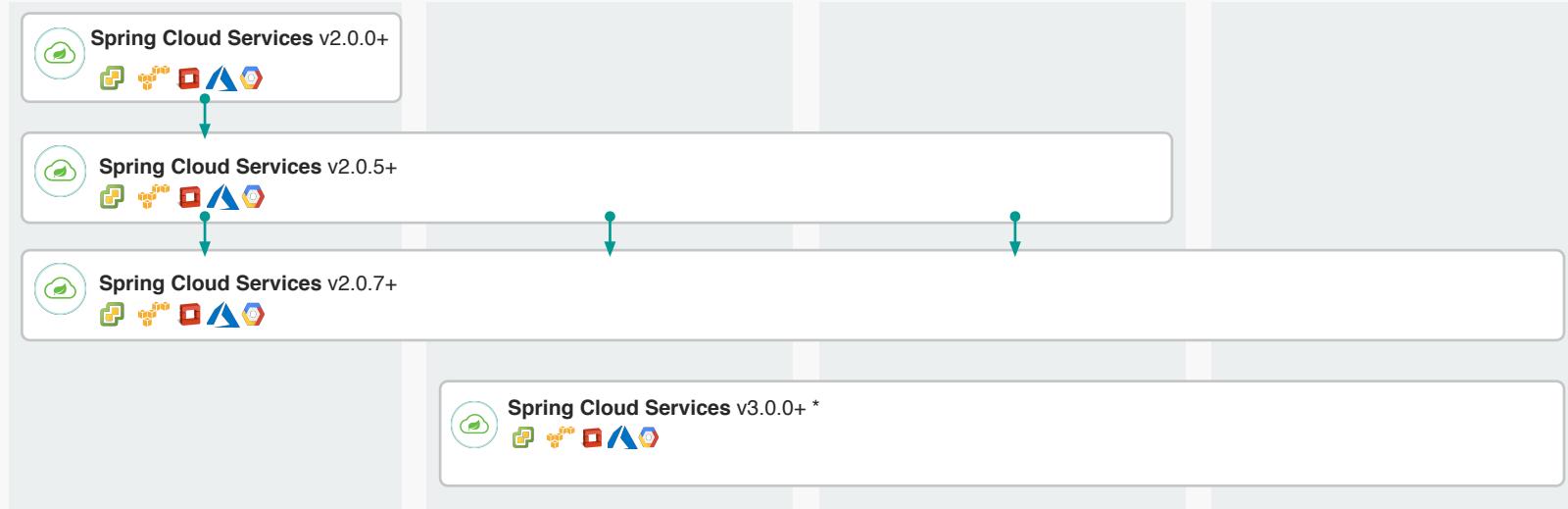
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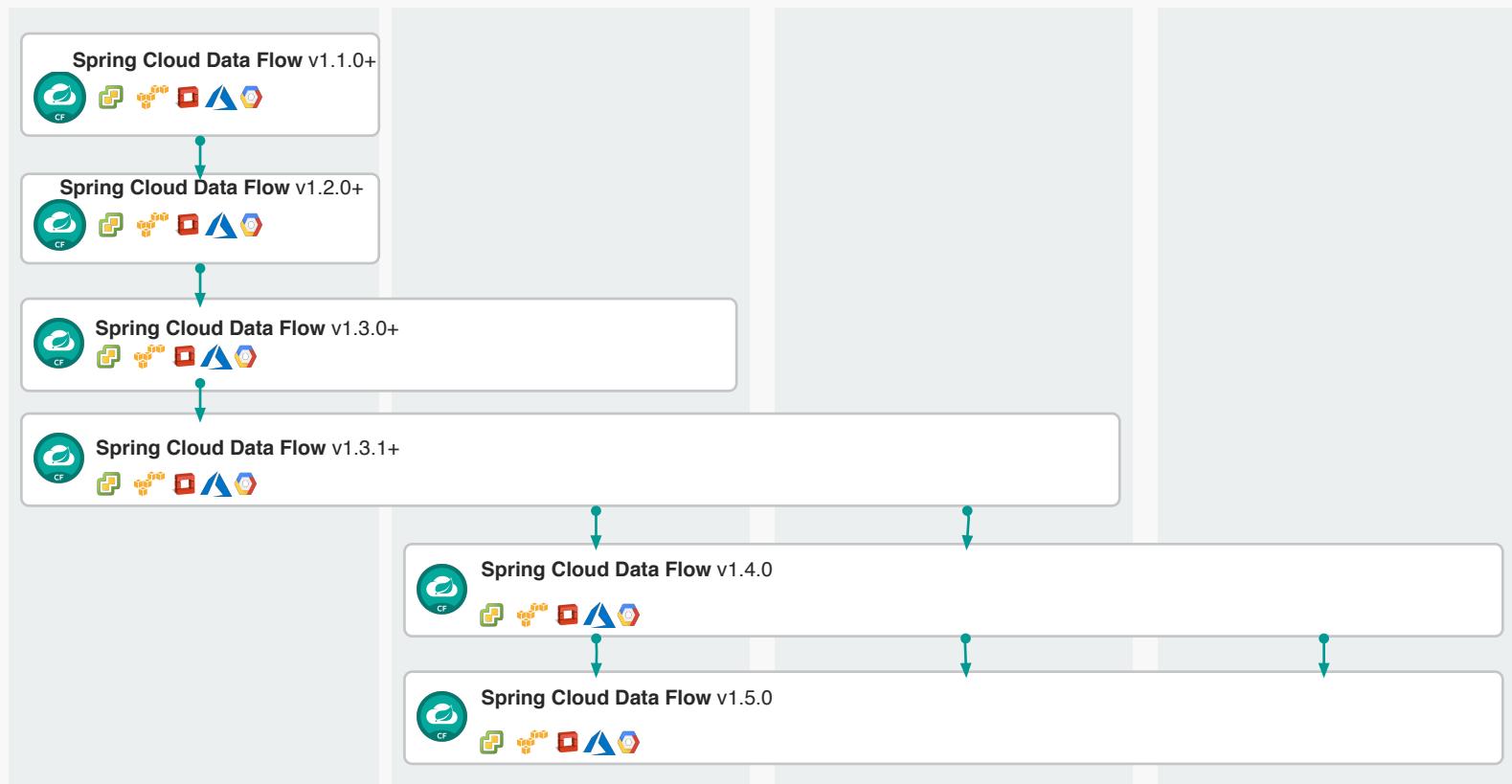
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### Pivotal Cloud Foundry Services (continued)



\* Instead of doing an upgrade, Spring Cloud Services v3.0.x can be deployed alongside Spring Cloud Services v1.5.x and v2.0.x.



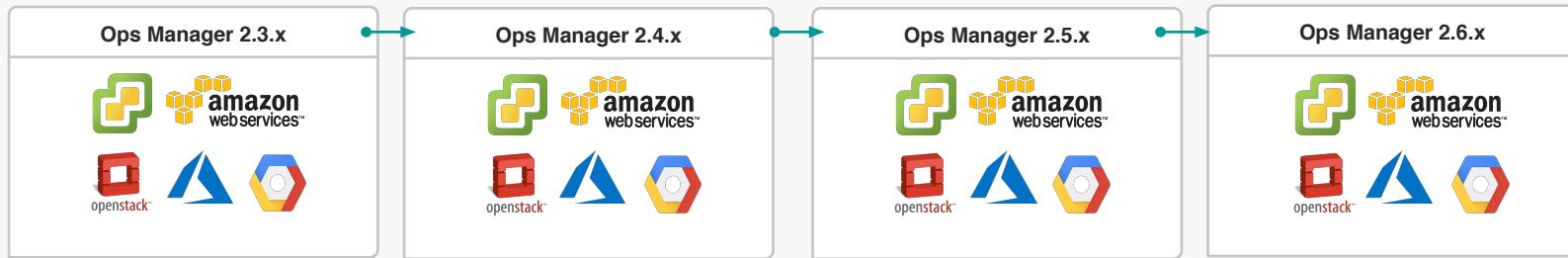
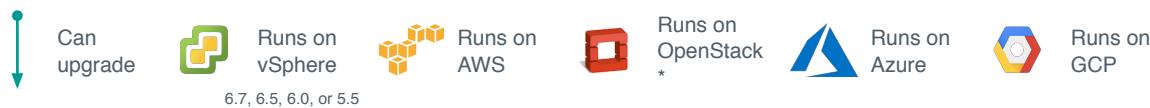
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