

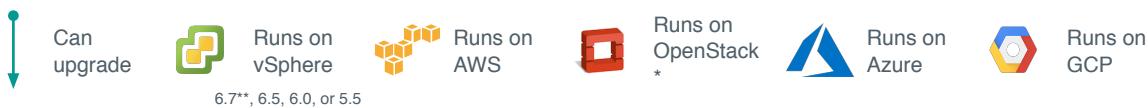
## Product Compatibility Matrix

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.

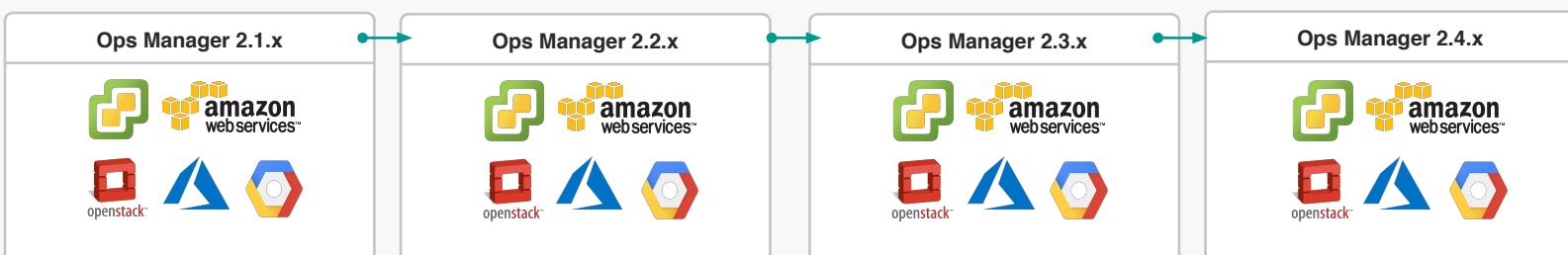
The visuals depict product upgrades vertically and Operations Manager compatibility horizontally.

Last updated on: Thu Jan 17 2019



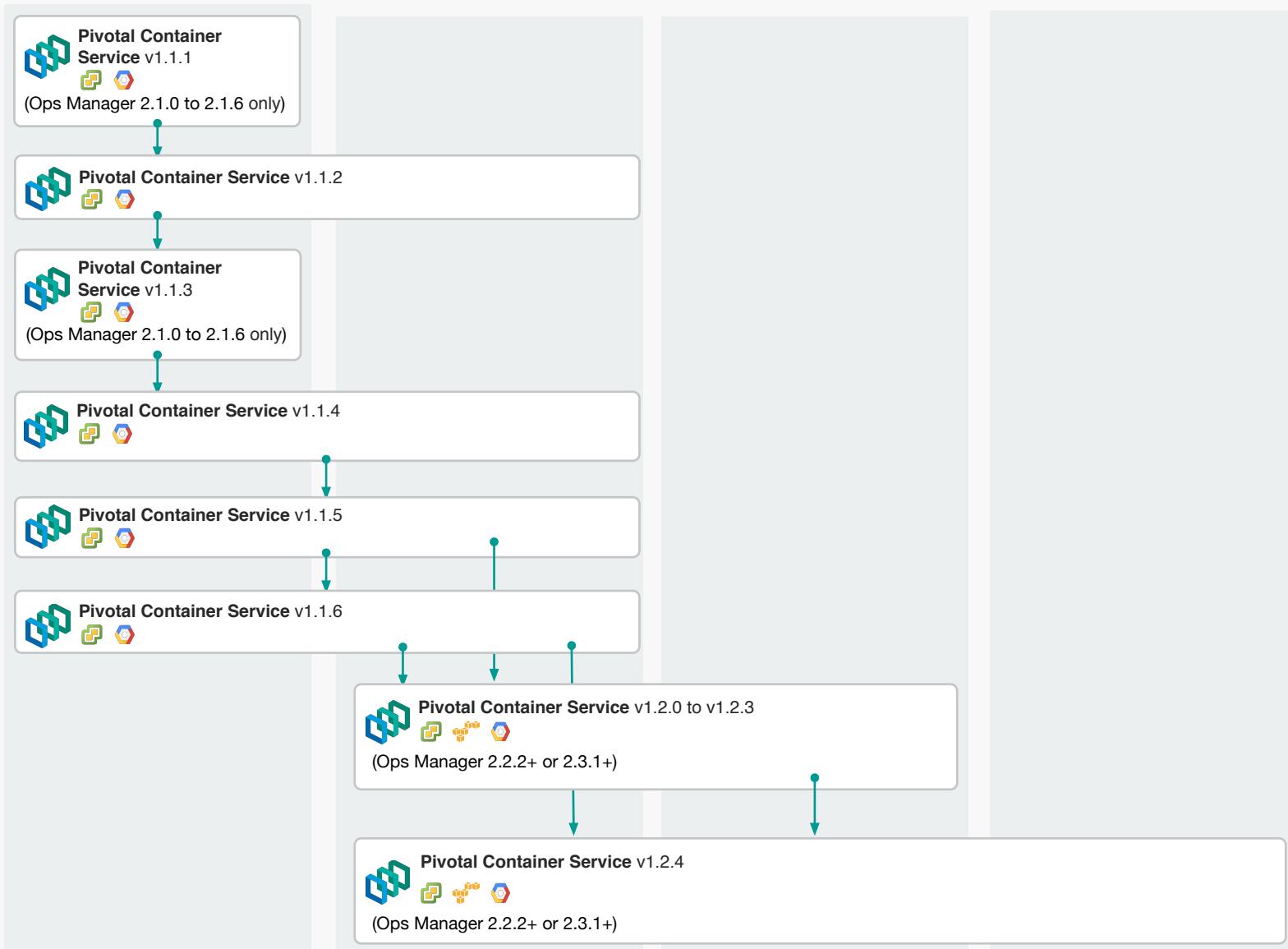
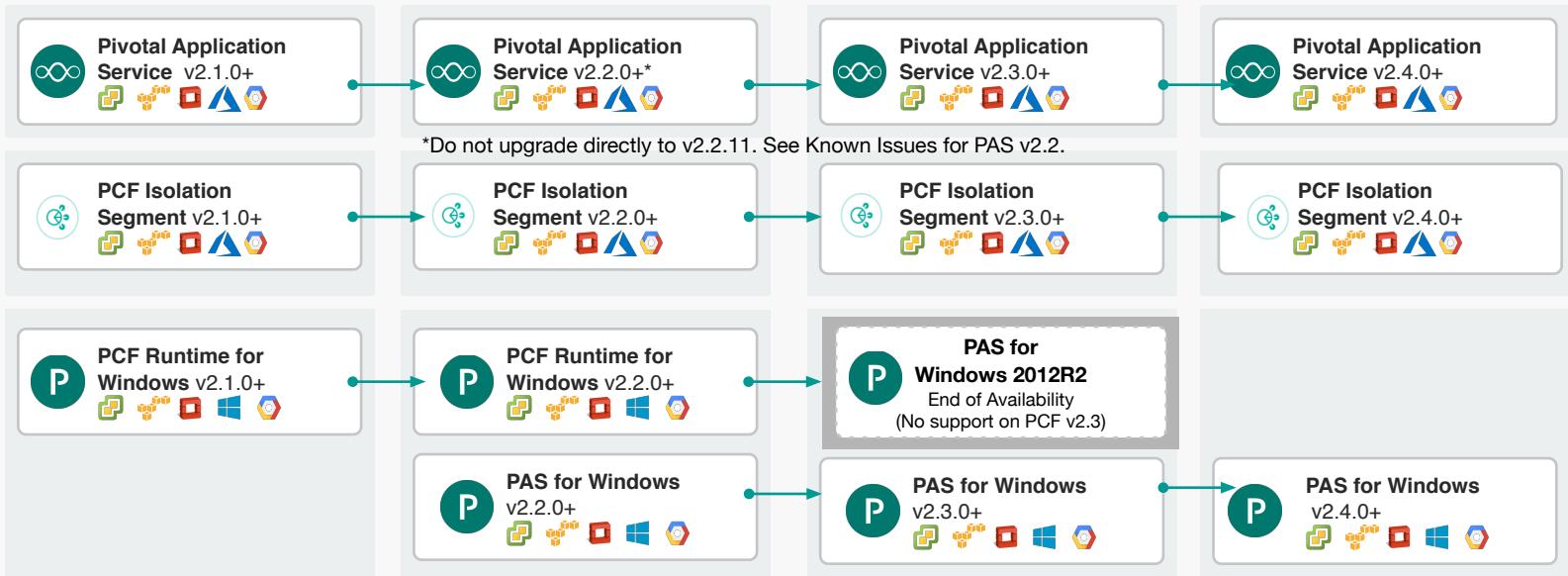
\*PCF Services are supported but not necessarily verified on versions of OpenStack and vSphere certified for OpsManager; see specific service documentation for details.

**\*\* vSphere v6.7 is only supported with Ops Manager v2.2.5+ and v2.3.0 and later.**



Pivotal Cloud Foundry

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



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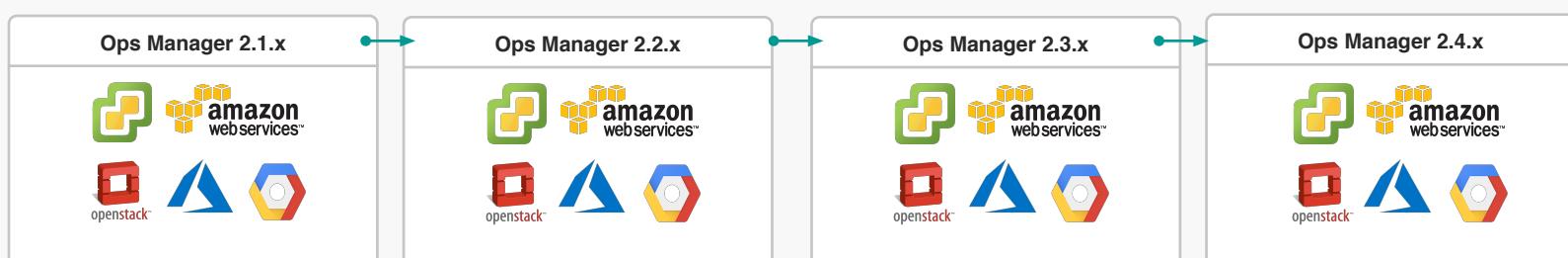
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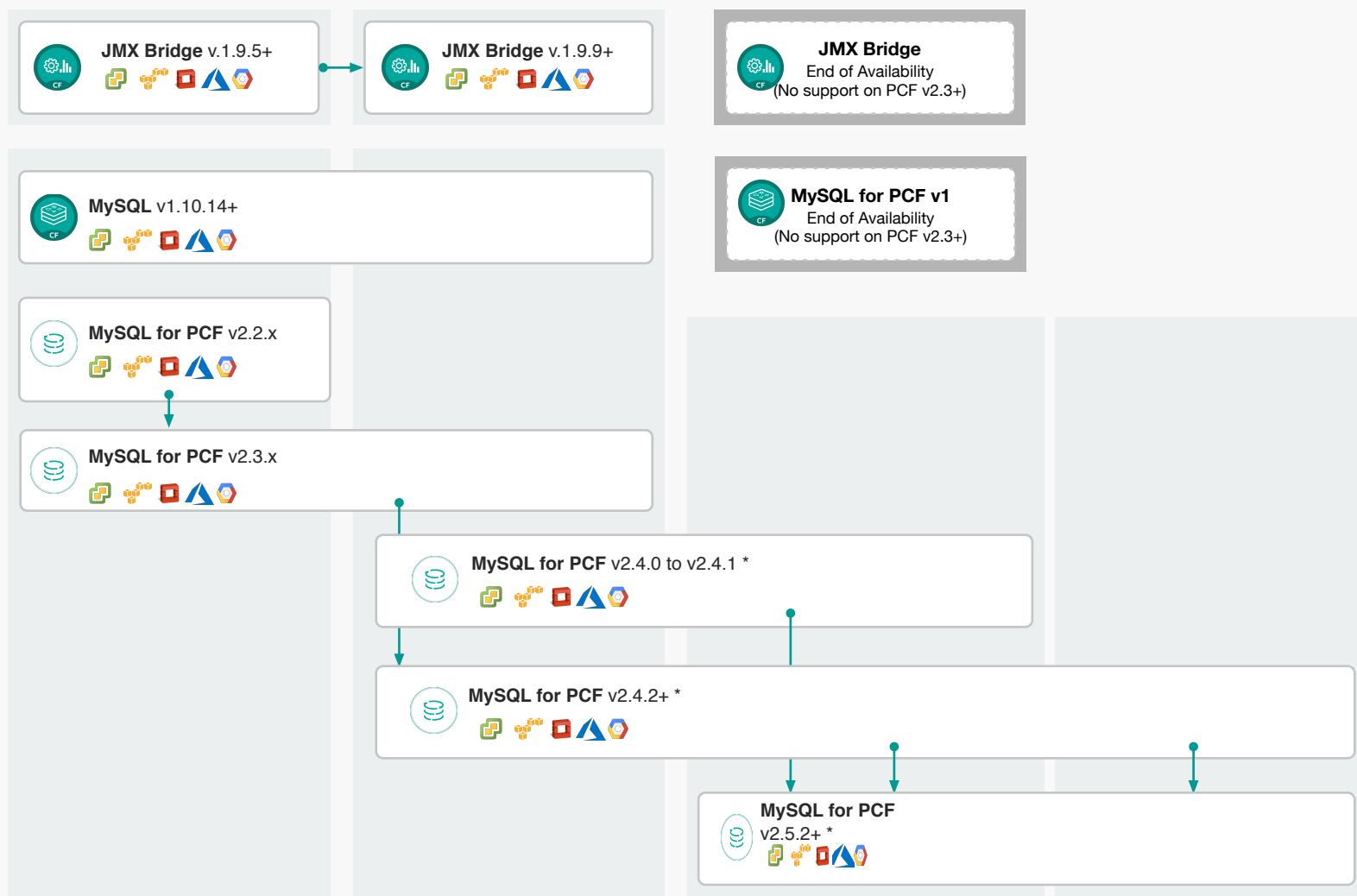
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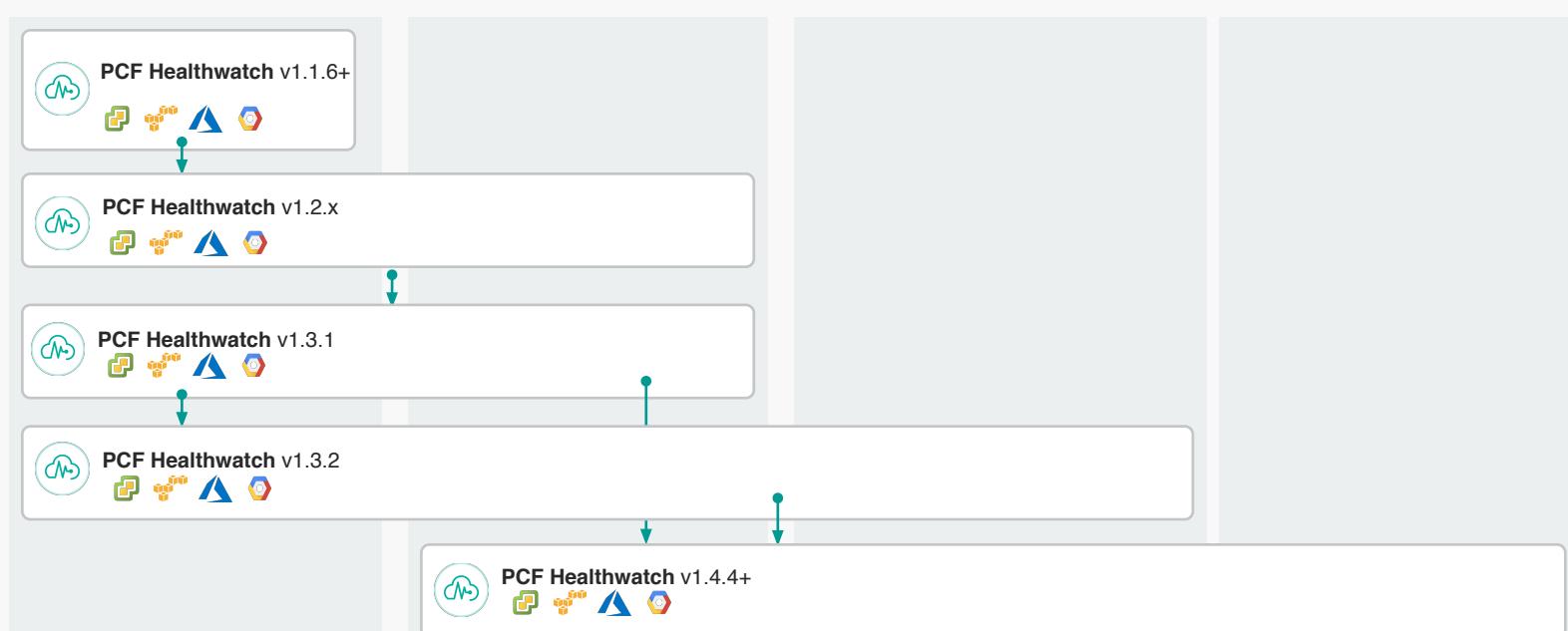


## Pivotal Cloud Foundry Services

You must upgrade JMX Bridge and OpsManager simultaneously.



\* MySQL for PCF v2.4.x requires Ops Manager v2.2.2 or later due to Xenial stemcell



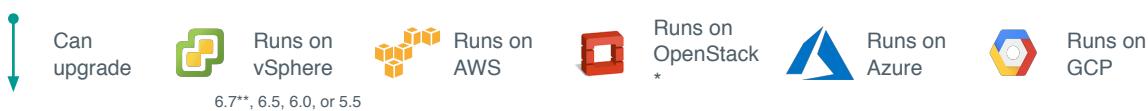
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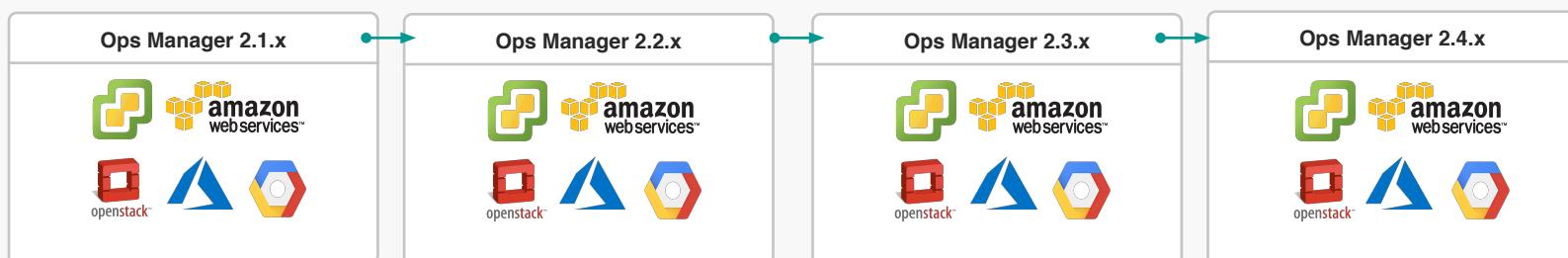
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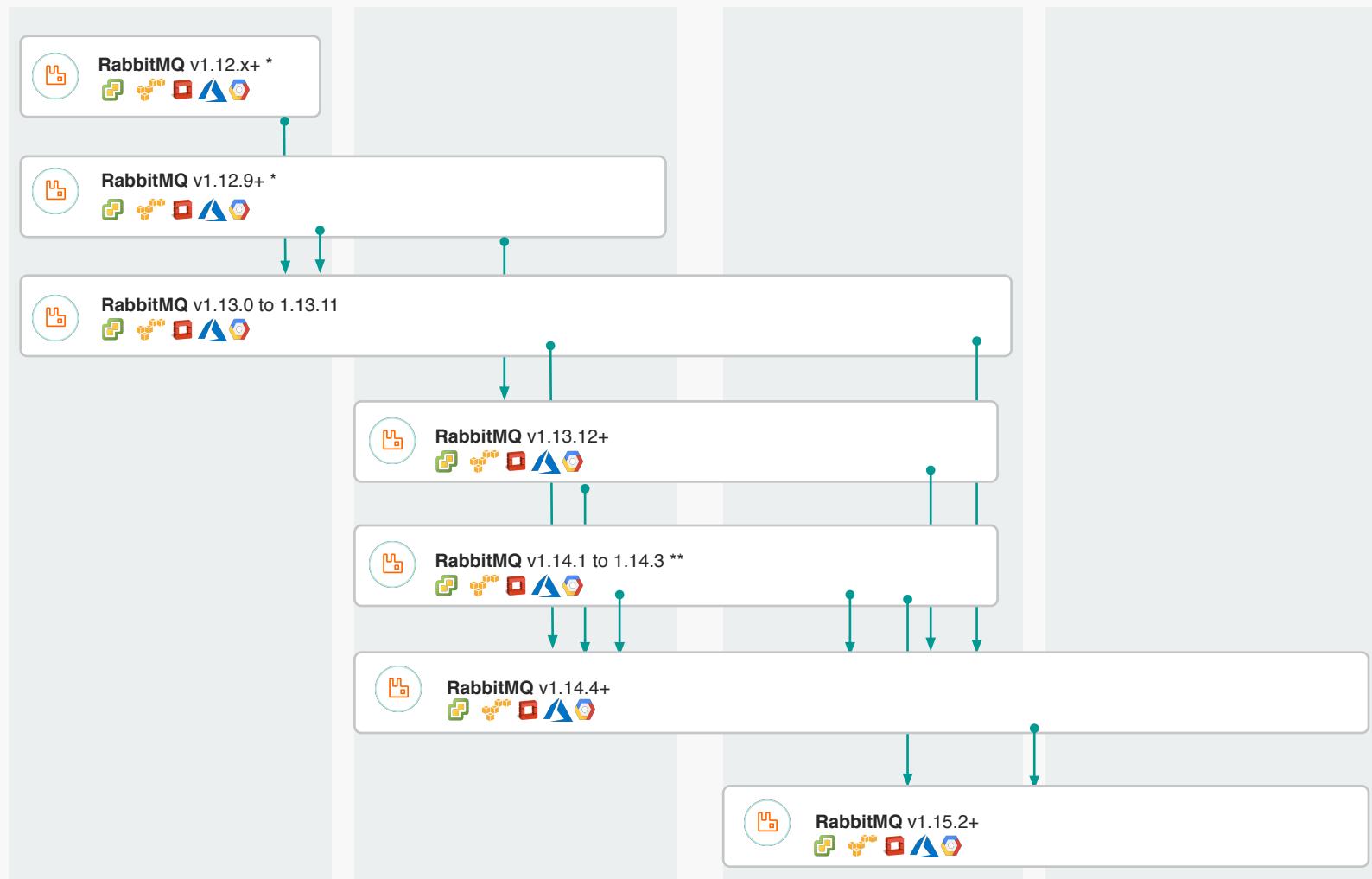


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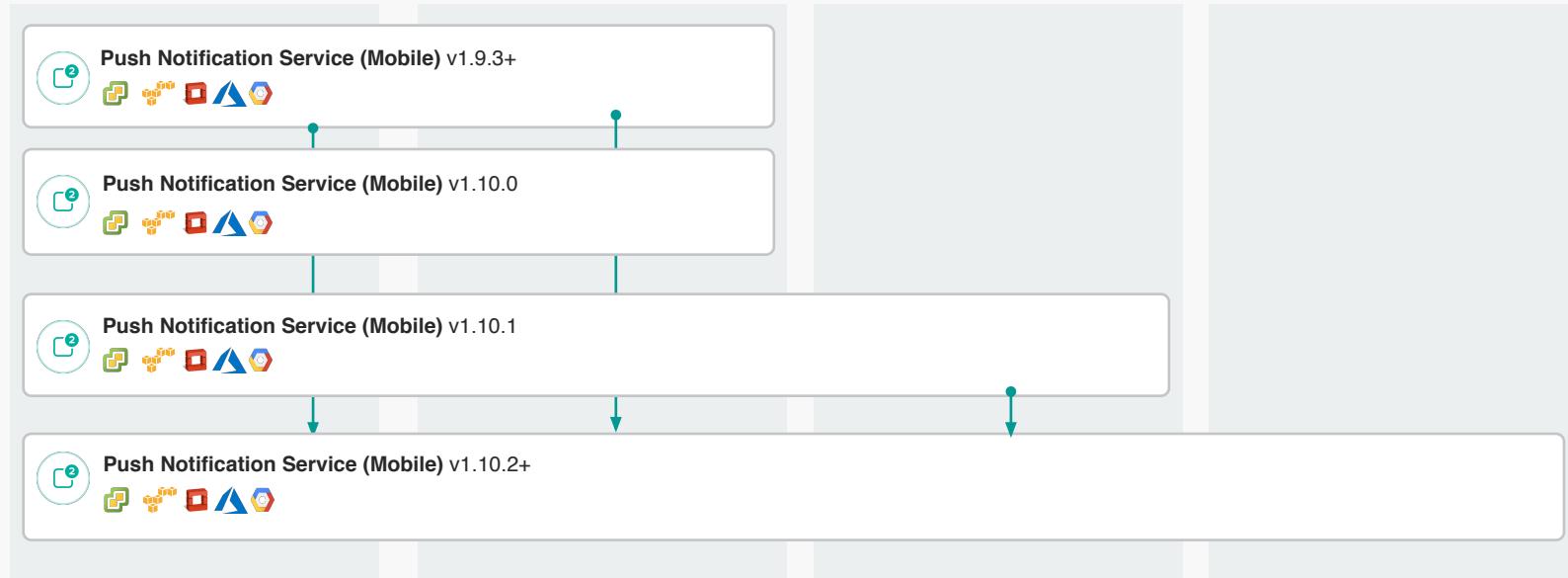


## Pivotal Cloud Foundry Services (continued)



\* Pivotal recommends that you upgrade from RabbitMQ for PCF v1.12.x to v1.13.x on PCF v2.1 or PCF v2.2.6 or later.

\*\* RabbitMQ v1.14.1+ requires Ops Manager v2.2.2+



**Note:** Push Notification Service v1.10.0+ requires the MySQL for PCF v2 tile.

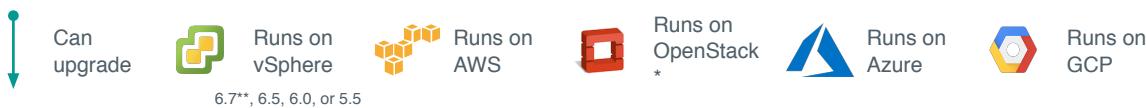
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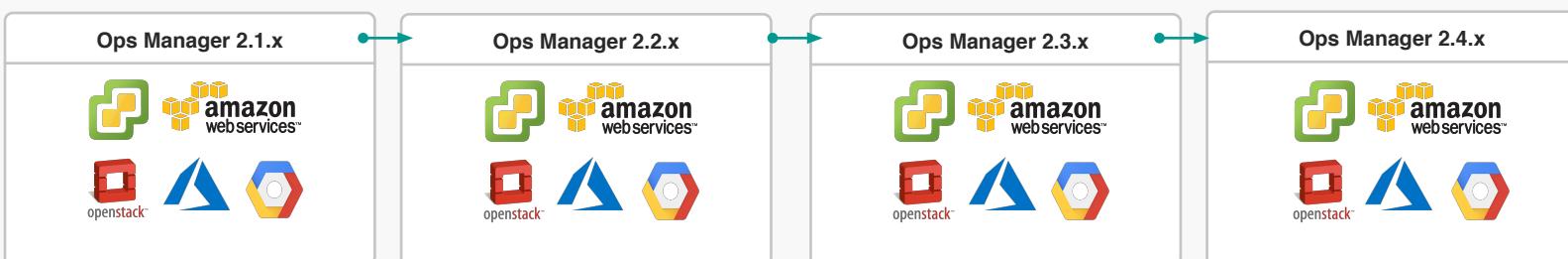
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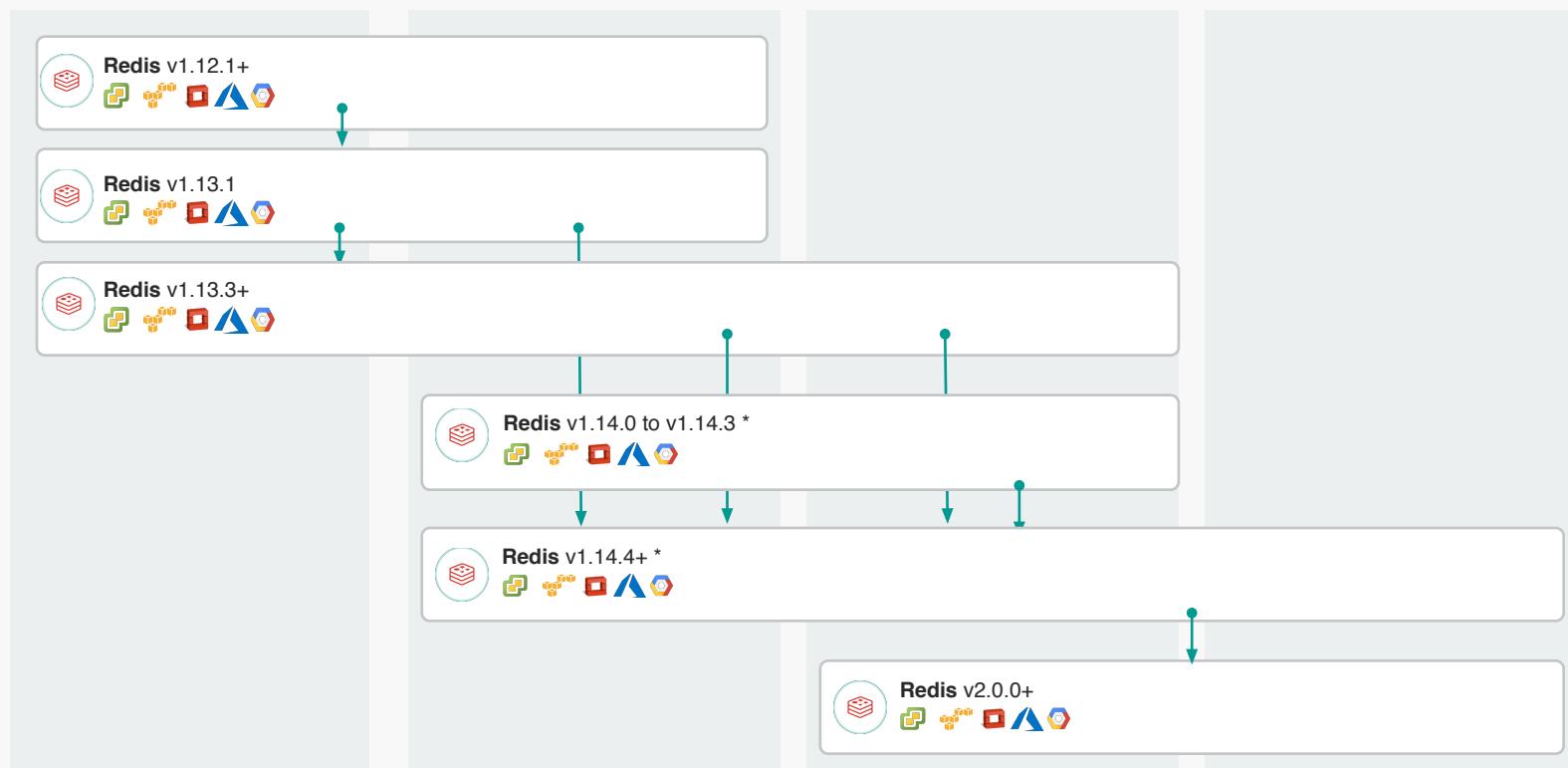
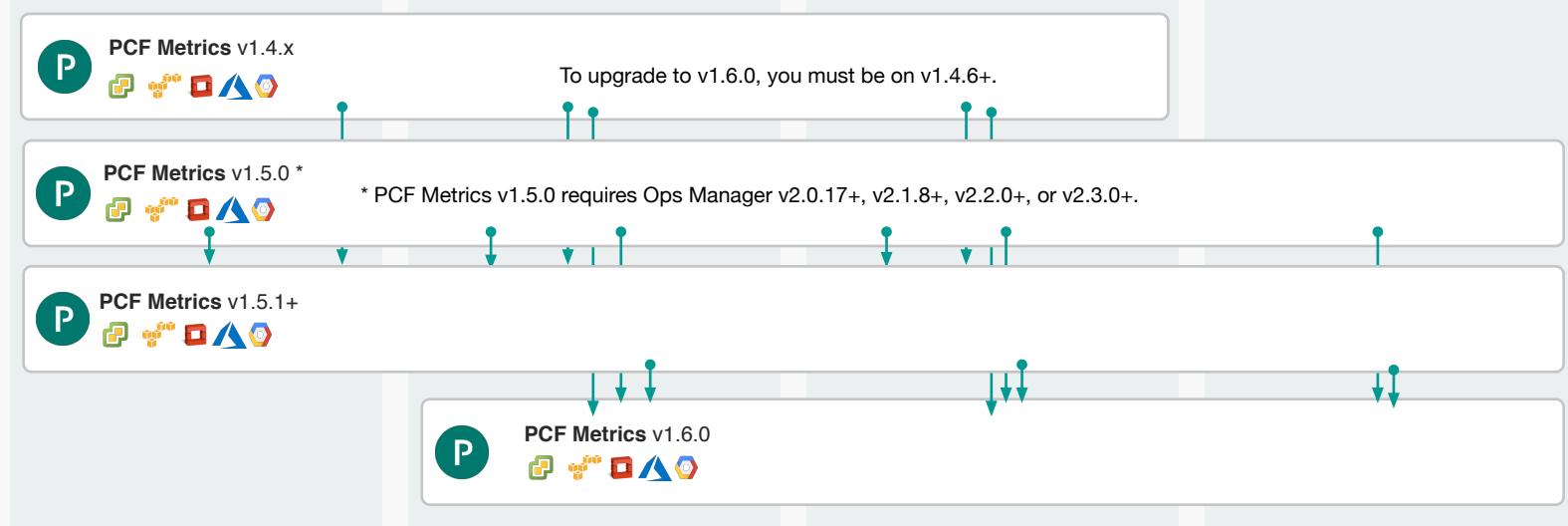


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### Pivotal Cloud Foundry Services (continued)



\* Redis for PCF v1.14.x requires Ops Manager v2.2.2+ due to Xenial stemcell

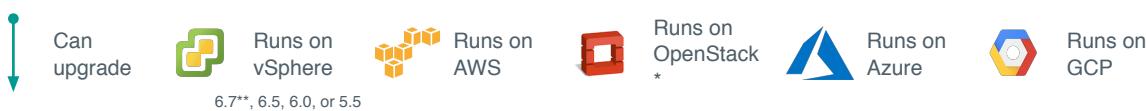
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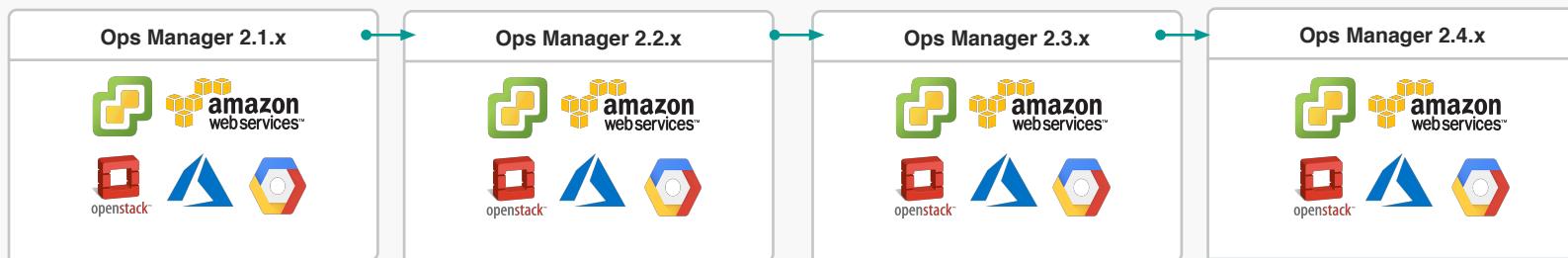
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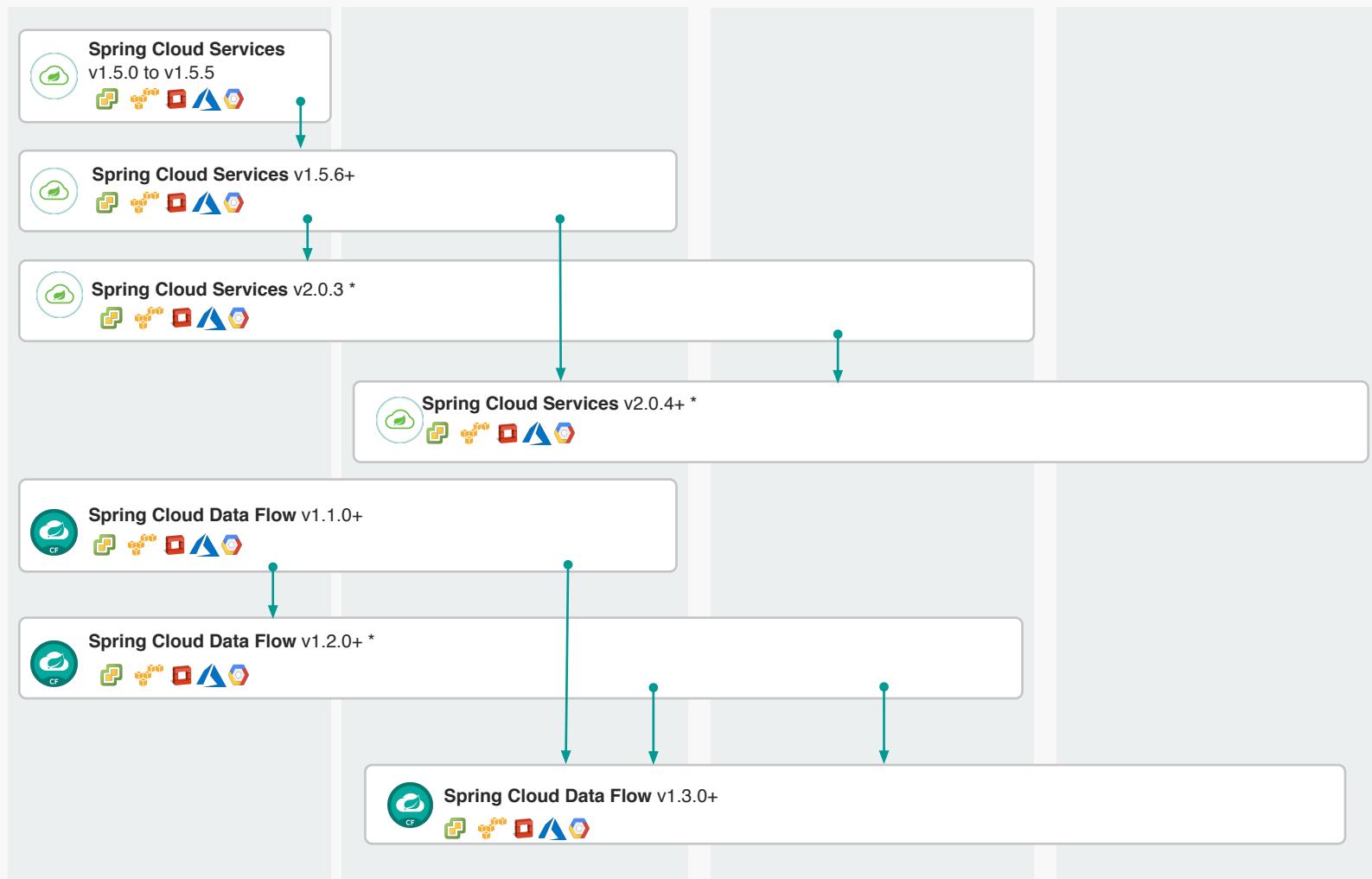


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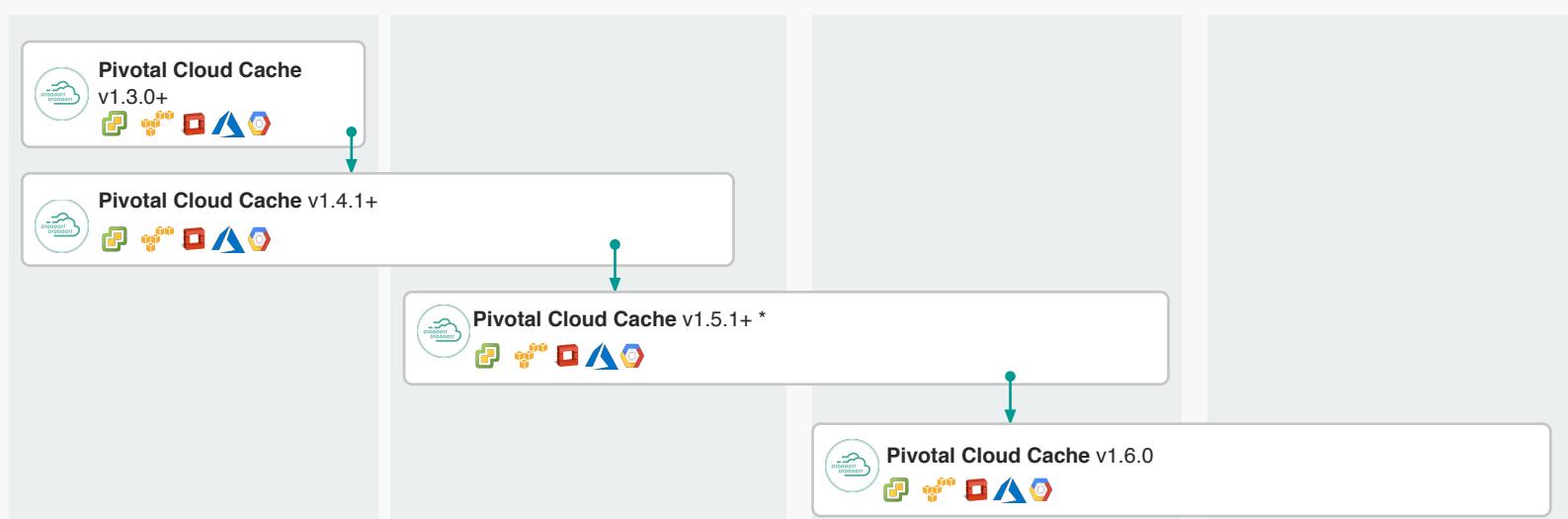
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### Pivotal Cloud Foundry Services (continued)



\* Spring Cloud Services v2.0.2+ and Spring Cloud Data Flow v1.2.0+ require Ops Manager v2.1.15+ or Ops Manager v2.2.2+ due to Xenial stemcell.



\* Pivotal Cloud Cache v1.5.1+ requires Ops Manager v2.2.2+ due to Xenial stem cell.

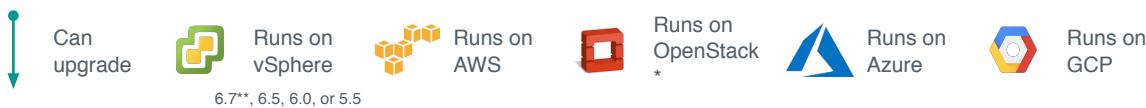
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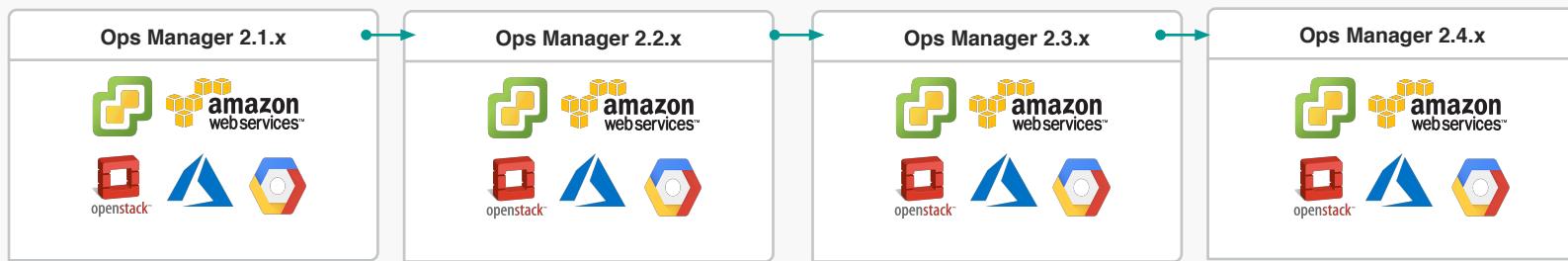
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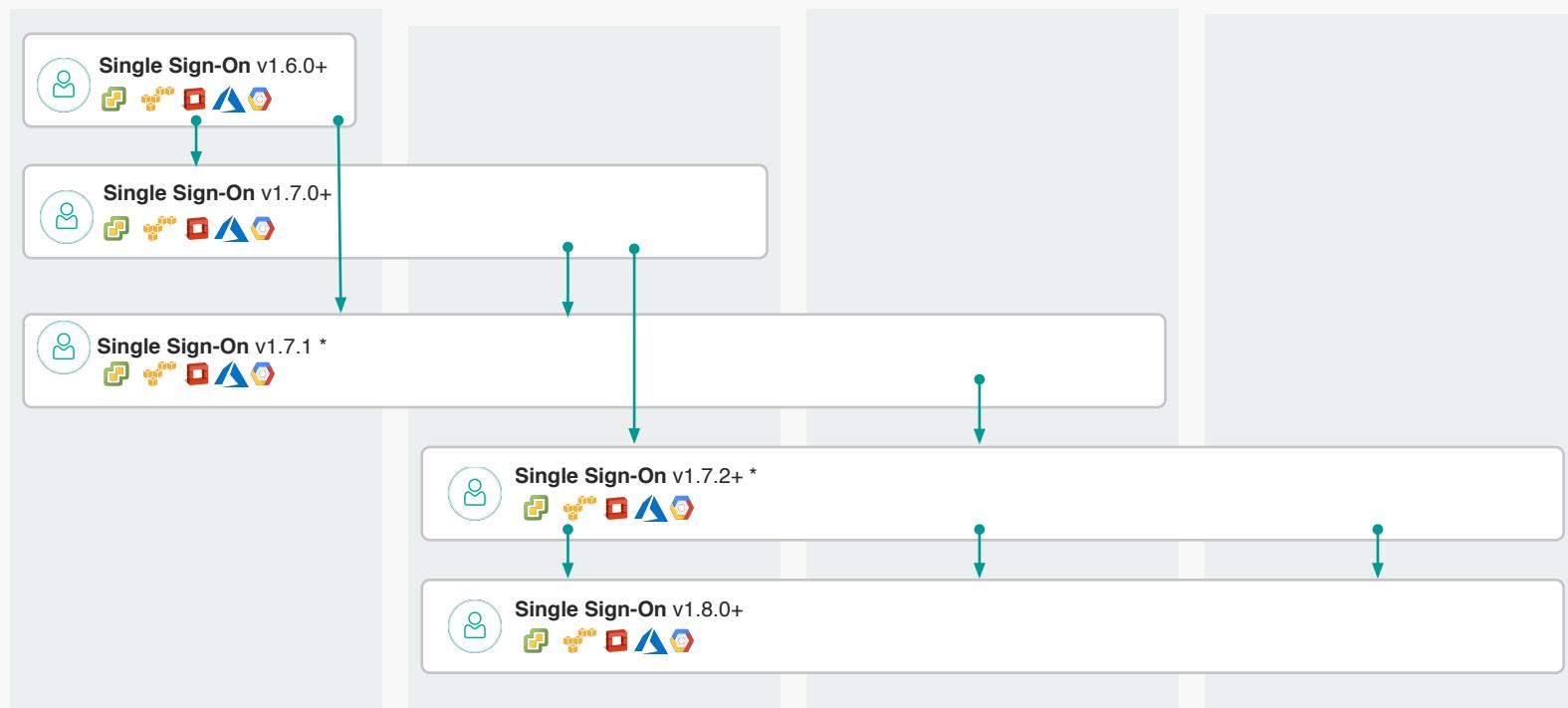


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## Pivotal Cloud Foundry Services (continued)



\* Single Sign-On v1.7.1+ requires Ops Manager v2.1.15+ or v2.2.2+ due to Xenial stemcell