

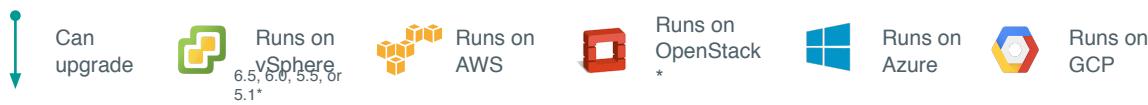
## Product Compatibility Matrix

To upgrade to the latest desired 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.

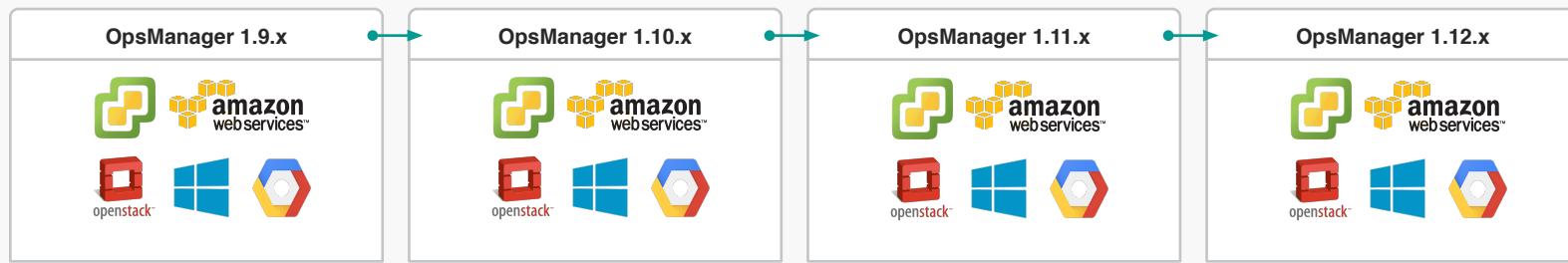
Once every product is upgraded, the operator can then safely upgrade PCF Operations Manager.

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

Last updated on: Thu Nov 09 2017

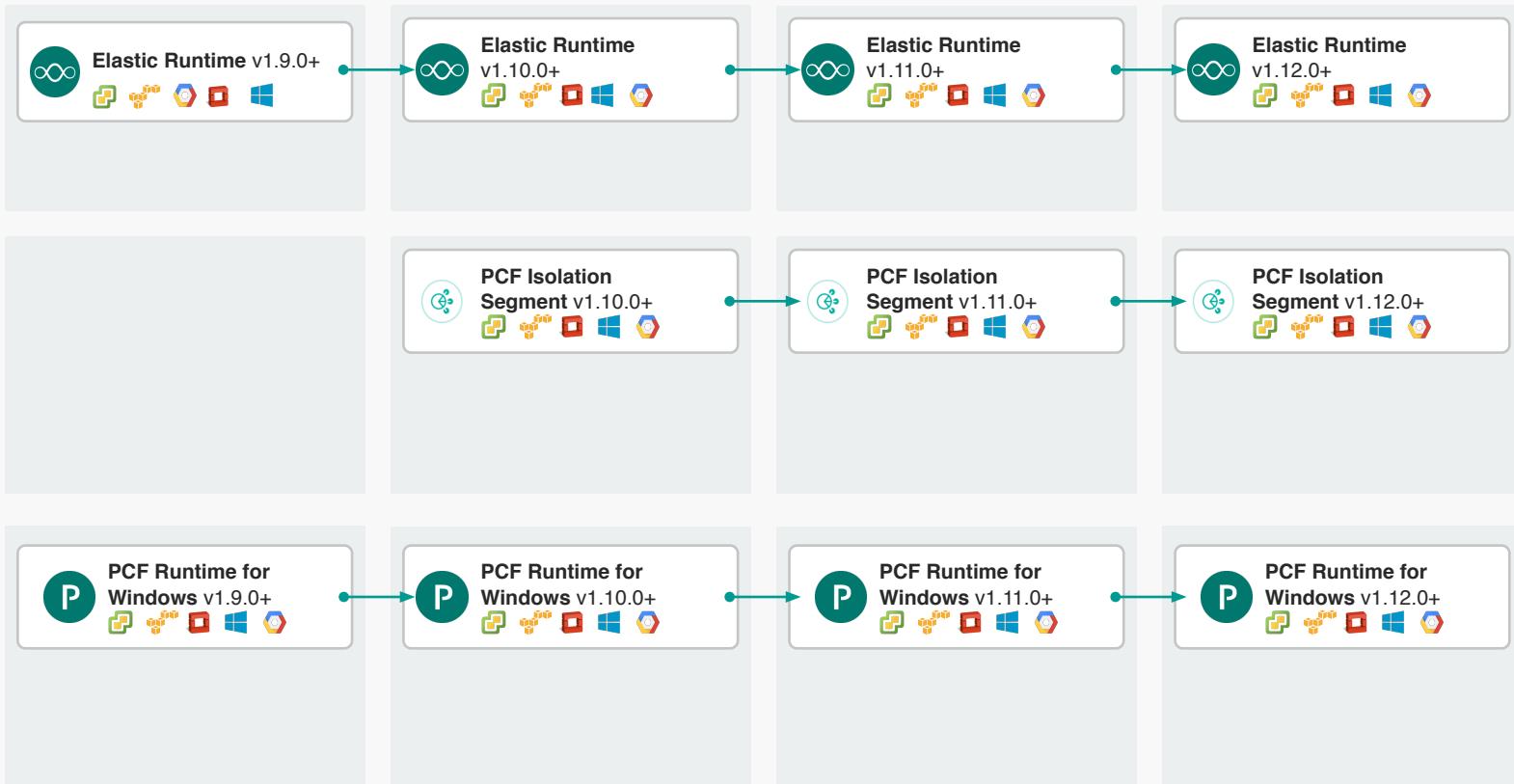


\*PCF Services are supported but not necessarily verified on versions of OpenStack and vSphere certified for OpsManager; see specific service documentation for details.  
OpsManager and Elastic Runtime 1.5.x through 1.8.x are certified on Mirantis OpenStack versions I (IceHouse) and J (Juno). PCF 1.8.x has run on OpenStack versions H through M, from Canonical, EMC, Mirantis, Red Hat, and SUSE.



### Pivotal Cloud Foundry

(You must upgrade Elastic Runtime and OpsManager simultaneously.)



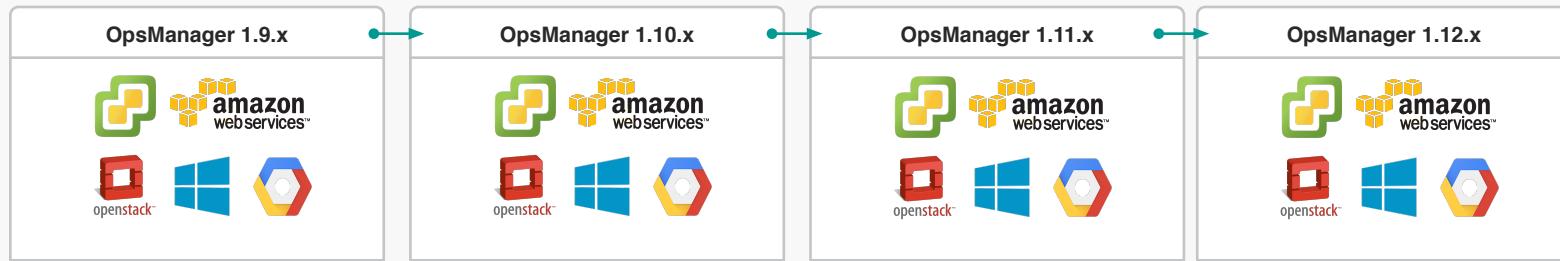
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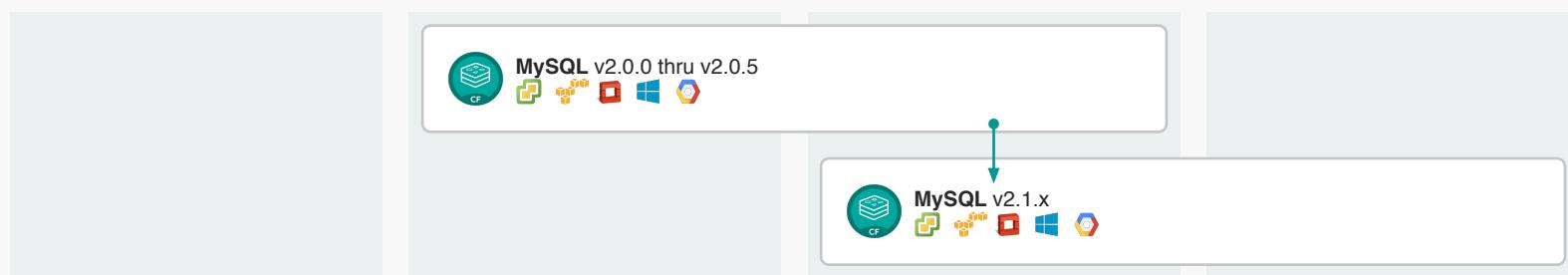
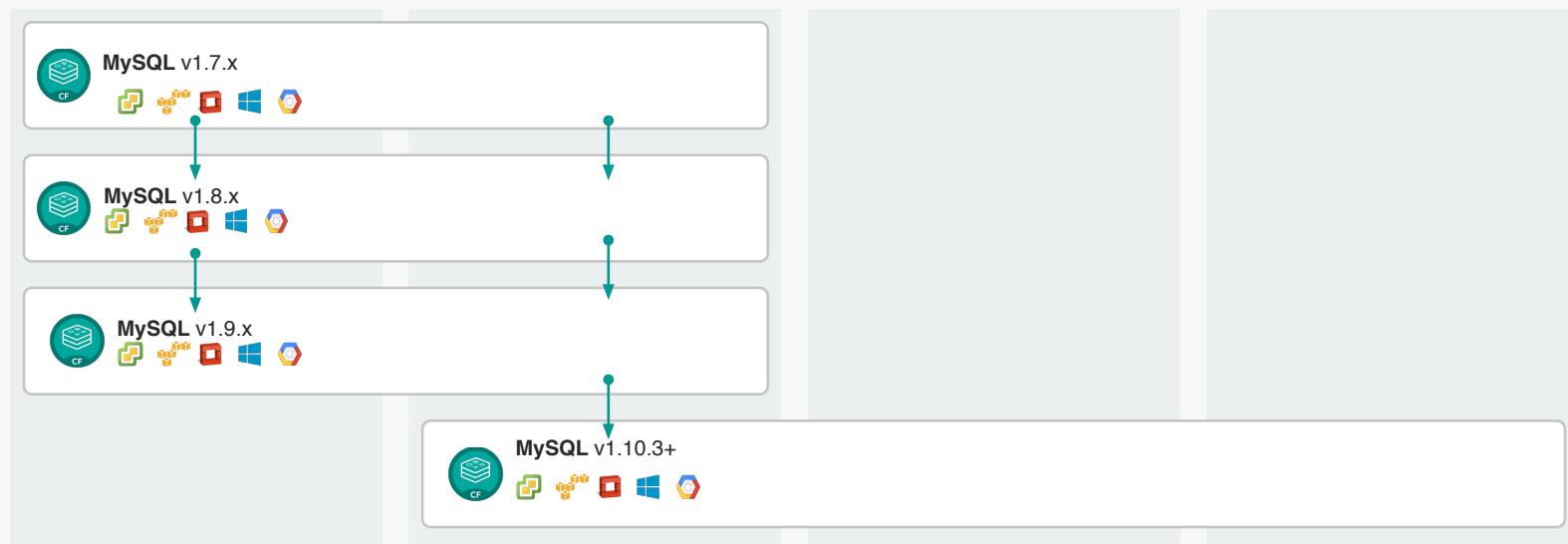
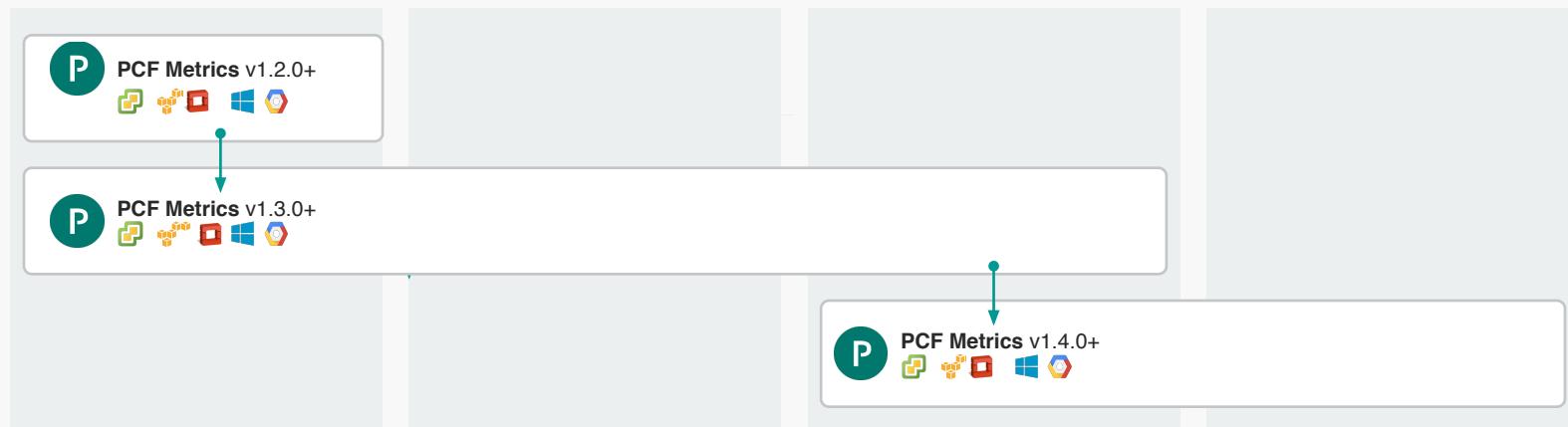
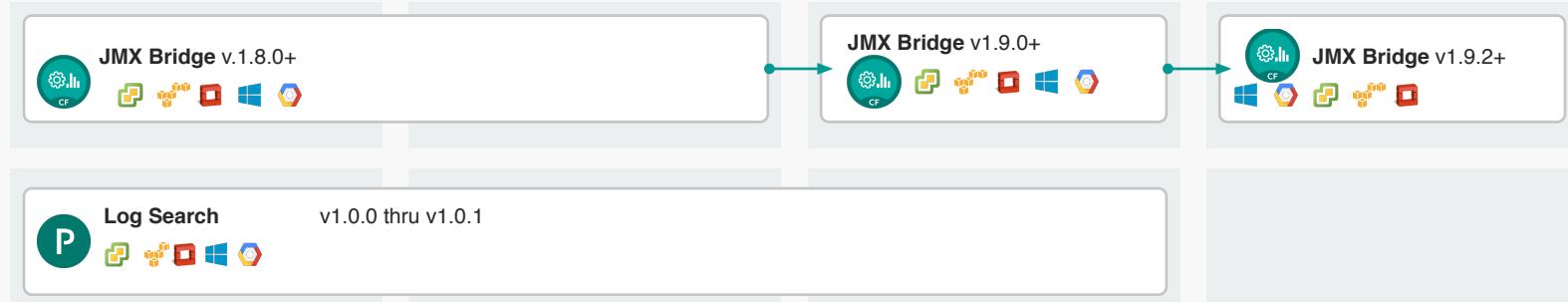
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### Pivotal Cloud Foundry Services

(You must upgrade JMX Bridge and OpsManager simultaneously.)



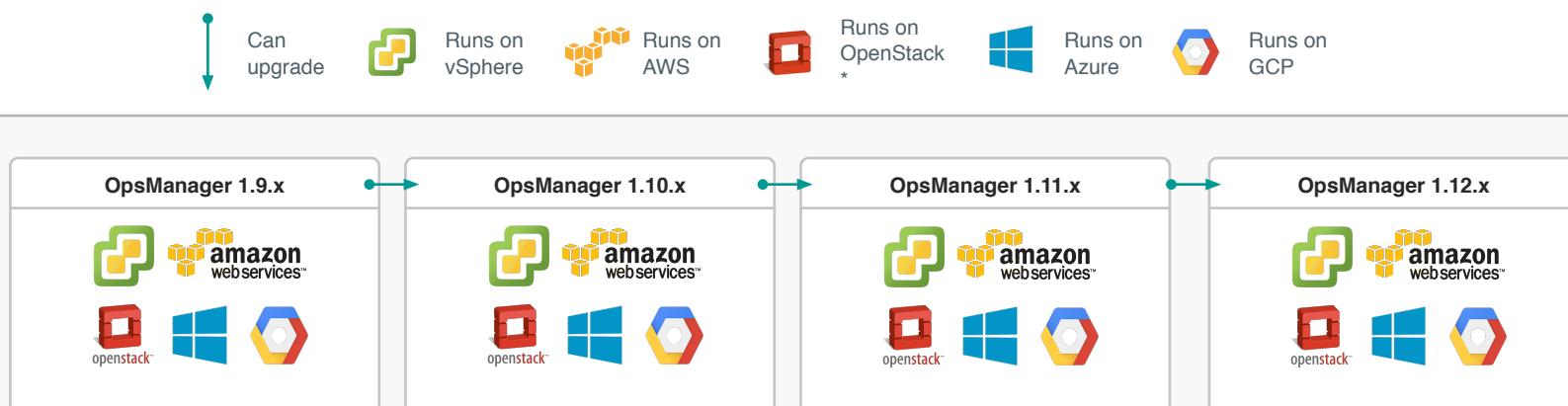
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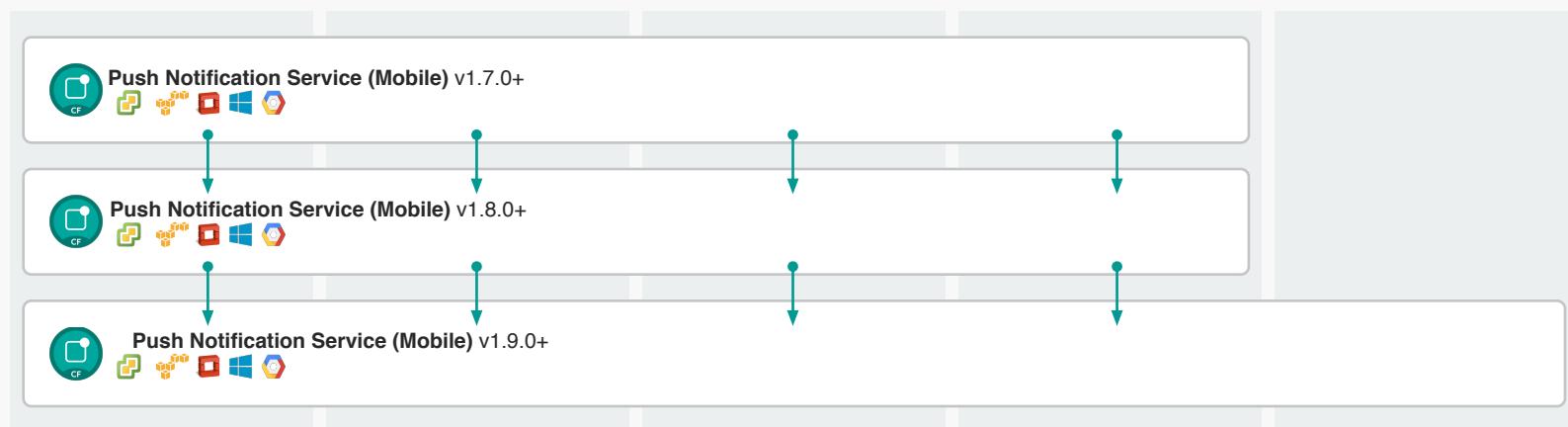
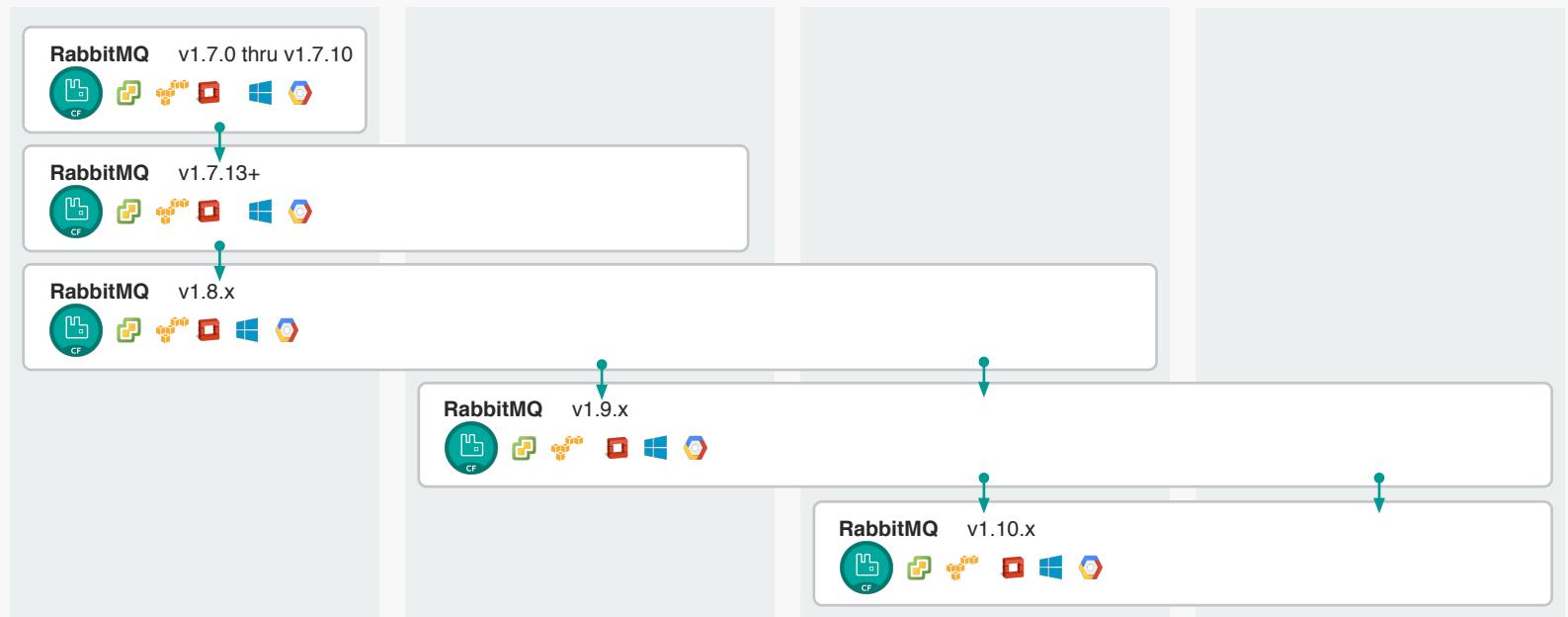
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## Pivotal Cloud Foundry Services (continued)



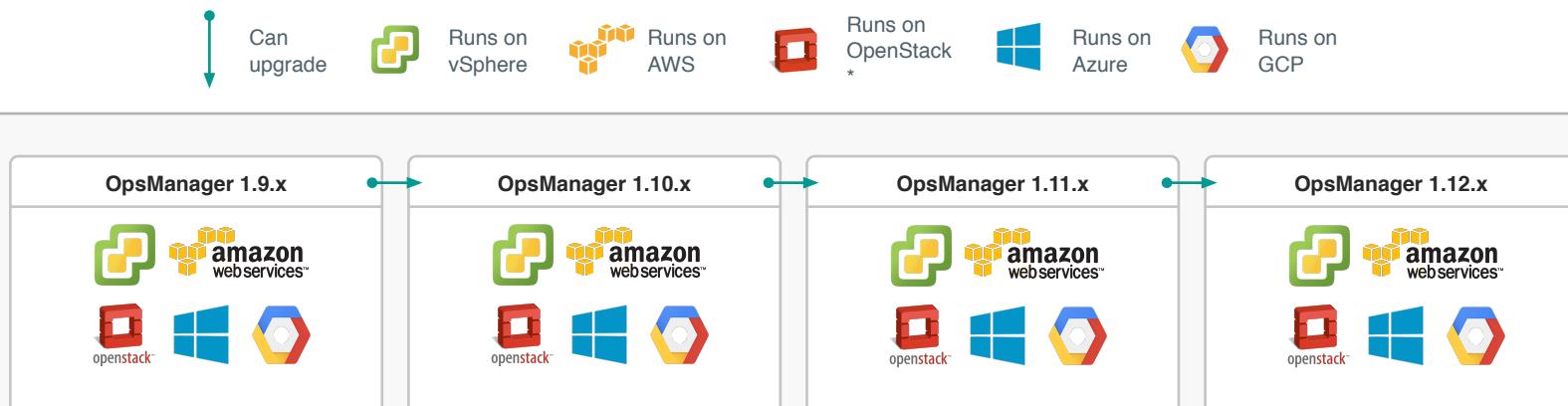
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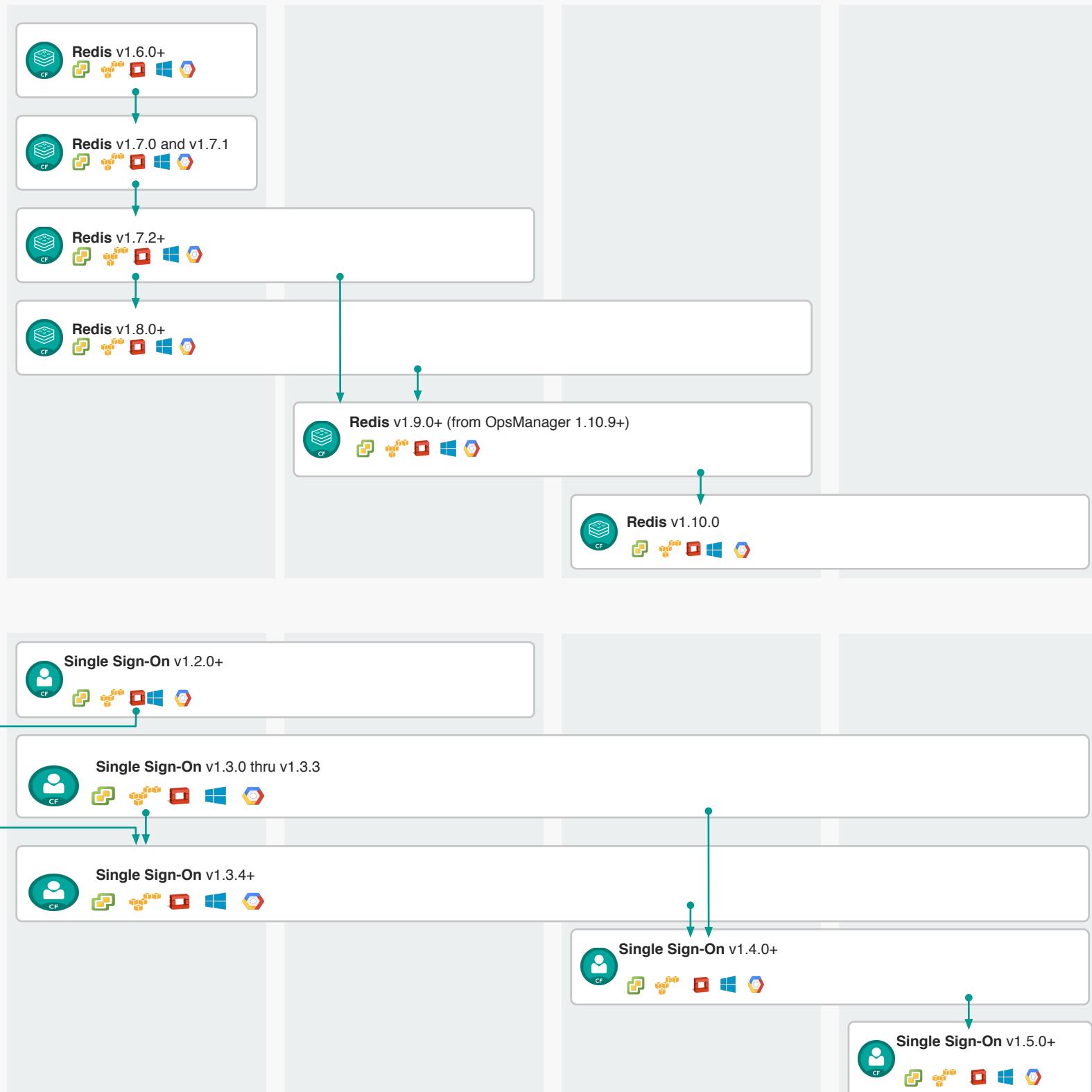
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Last updated on: Thu Nov 09 2017



## Pivotal Cloud Foundry Services (continued)



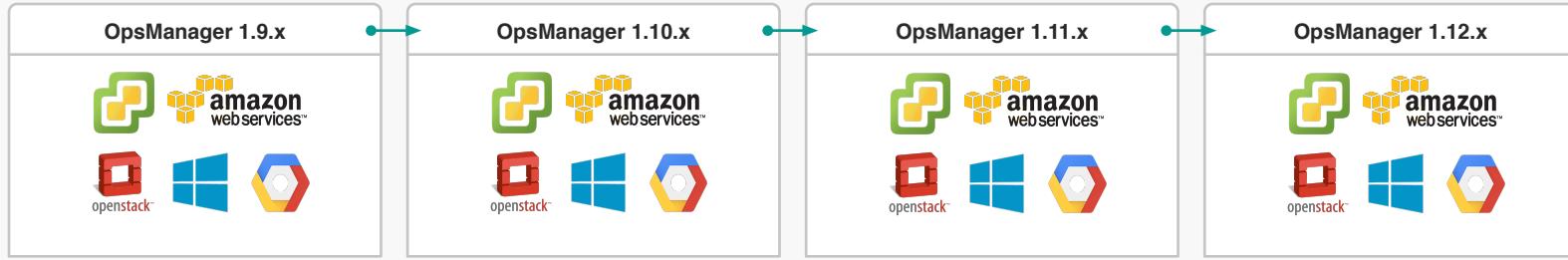
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## Pivotal Cloud Foundry Services (continued)

