



ManagelQ Administration (MI-ADM)

Keywords

ManagelQ, Cloud Provider,
Container Provider

References



ManagelQ Documentation

<http://manageiq.org/docs/>





Discover, Optimize, and Control your Hybrid IT

- The Open-Source Management Platform for your Hybrid IT Environments
- Manage containers, virtual machines, networks, and storage from a single platform



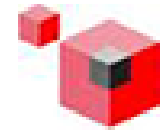
A Brief History of ManageIQ

- **2006** ManageIQ Inc. was founded
- **2008** First Enterprise Virtualization Manager (EVM)
- **2012** Red Hat acquired ManageIQ Inc.
- **2013** OpenStack Cloud provider added
- **2014** ManageIQ became Open Source*
- **2015** OpenStack Infrastructure provider added
- **2016** vCloud, Middleware, Network providers added

Community Partners



redhat



produban

Booz | Allen | Hamilton



XClarity™

BBVA



nuagenetworks

From Nokia

Google

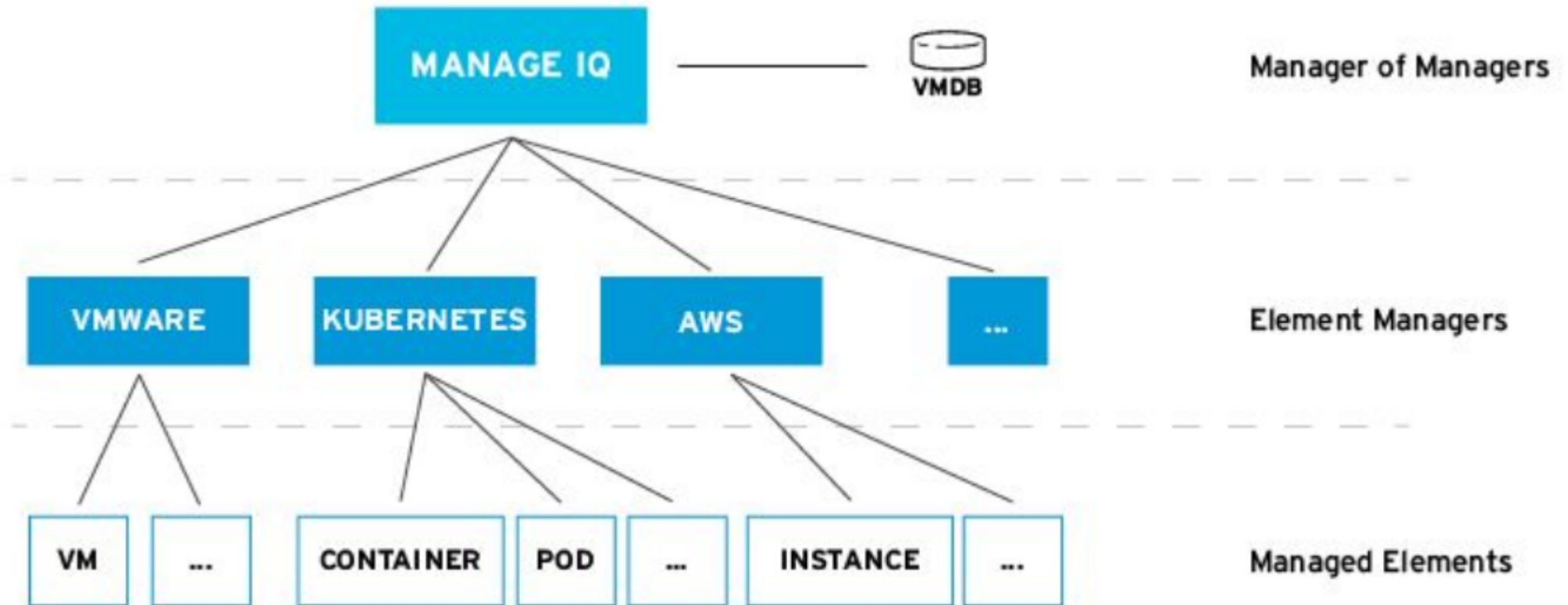
NEAR
TECHNOLOGIES



XLAB

Cox
AUTOMOTIVE™

High Level Architecture



Supported Platforms

vmware®

Microsoft®
System Center

oVirt



vmware®
vCloud Air™ Network

 Google Cloud Platform

 **amazon**
web services

Microsoft Azure

 **ANSIBLE**
TOWER
by Red Hat®

 **FOREMAN**

 **kubernetes**

OPENSHIFT
origin

Supported Platforms (2)

Single Pane of Glass

INSIGHT



Discovery, Monitoring, Utilization, Performance, Reporting, Analytics, Chargeback, Trending

CONTROL



Security, Compliance, Alerting, Policy-Based Resource and Configuration Enforcement

AUTOMATE



IT Process, Task and Event, Provisioning, Workload Management and Orchestration

INTEGRATE



Systems Management, Tools and Processes, Event Consoles, CMDB, RBA, Web Services

vmware®



Microsoft Hyper-V

Virtualization



Private Cloud



Google Cloud Platform



Public Cloud



OPENSIFT



kubernetes

Containers



Neutron



nuagenetworks

Software Defined Network



FOREMAN



TOWER

Provisioning and Configuration Management

Features

- **Agentless**



ManageIQ does not depend on agents, and is therefore extremely easy to install and operate.

- **Virtual Appliance**



ManageIQ is distributed as a single virtual appliance that is available for a wide variety of a platforms.

Features (2)



- **SmartState Analysis**

SmartState analysis allows ManageIQ to peek inside virtual machines, containers and hosts to discover their contents.



- **Scalable Architecture**

The ManageIQ virtual appliance can be deployed standalone, or as part of a federated global deployment.



ManagelQ Releases

- The ManagelQ project uses a time based release cycle where a new version is released approximately every 6 months.
- Releases are named after chess grandmasters, where subsequent releases names start with consecutive letters of the alphabet.



ManagelQ Code names

- Anand : 2 Sep 2014
- Botvinnik : 12 Jun 2015
- Capablanca : 5 Dec 2015
- Darga : 7 Jun 2016
- Euwe : 20 Dec 2016
- Fine : 17 May 2017
- Gaprindashvili : 30 Jan 2018



Lab



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