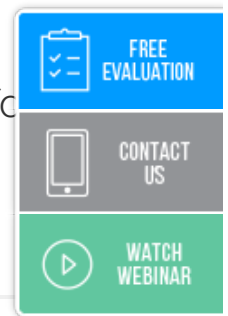


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# OpenStack Cloud Adapter

Automated DNS provisioning and IP address assignment for  
OpenStack Environments



Private and hybrid cloud deployments often run into operational friction due to manual network processes. Even though cloud promises speed and agility, most organizations rely on manual processes and multiple handoffs between the server or cloud and the network team for DNS provisioning and IP address assignment when deploying new virtual instances.

Infoblox DDI for Cloud and Virtualization provides core network service automation to shorten the time to provision VMs while maintaining consistent network policies across the enterprise. The OpenStack Cloud Adapter works in conjunction with the open-source OpenStack cloud orchestration platform to automate the provisioning of DNS records and IP addresses for OpenStack environments as well as cleaning up upon decommissioning of virtual machines.

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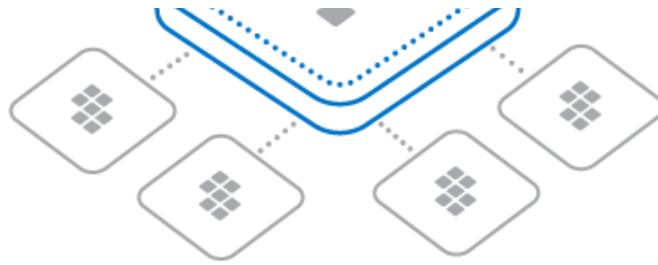
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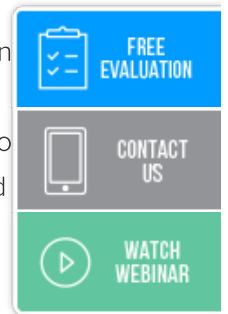
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## Provision Systems in Minutes

Instead of waiting for IP addresses to be assigned and DNS records to be provisioned for newly created VMs, Infoblox automates the processes for core network services. Without manual processes and multiple trouble tickets, provisioning times are often shortened from hours or days to minutes. In addition, the Infoblox VMware Adapter also cleans up IP addresses and records when VMs are destroyed.



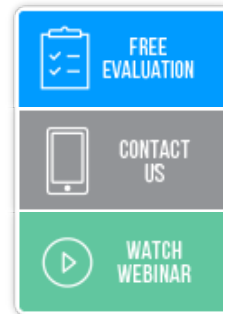
## Automated Discovery, Visibility, and Compliance Auditing

Attempting to keep track of virtual machines is a major challenge for most IT teams. Infoblox eliminates the challenge of tracking VMs across clusters by providing automatic discovery and visibility. This makes it easy to bring virtual assets under common DNS and IP address management. Detailed auditing for VM resources simplifies compliance and reporting requirements.

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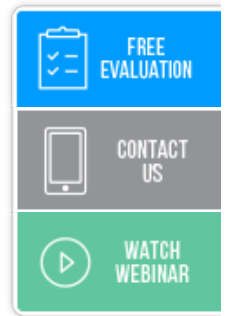
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## Eliminate Errors Introduced by Manual Processes

Too often, over-burdened networking staff is tasked with repetitive tasks such as manually assigning DNS records or attempting to track IP addresses in out-of-date spreadsheets or databases. The Infoblox-VMware integration eliminates unnecessary processes through automation, which increases accuracy, leads to lower operational costs, enables rapid VM deployment, and allows staff to focus on business-impacting initiatives instead of repetitive tasks.

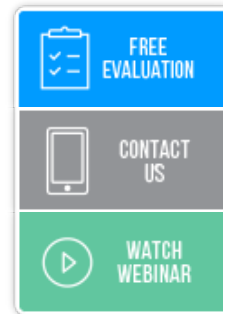
## Comprehensive, Integrated Management

Most organizations have a combination of traditional virtualized/cloud infrastructure. The Infoblox DDI s DHCP, and IP address management across these consistency and improve troubleshooting times.

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