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NIOS-X AS A SERVICE

Streamlined delivery and control of critical network services for distributed hybrid and multi-cloud environments

SUMMARY

Industry's most advanced cloud delivery solution for the deployment and management of critical network services for hybrid, multi-cloud environments.

Infoblox, the industry leader in DNS, DHCP and IP address management (or DDI), has introduced NIOS-X as a Service, the industry's most advanced cloud delivery solution for the deployment and management of critical network services for hybrid, multi-cloud environments. NIOS-X as a Service combines operational efficiency with exceptional reliability and leverages a new as-a-service model to reduce management overhead while ensuring the ease and efficiency of an infrastructure-free delivery.

OVERVIEW & CHALLENGES

Businesses are embracing hybrid (i.e., on-premises, public and private cloud) and multi-cloud deployments to modernize their infrastructures and IT operations for greater agility, speed and simplicity. These trends are driven by the need to innovate faster, streamline operations, modernize workloads and even integrate environments during and after mergers and acquisitions. However, deploying and managing critical network services such as DDI in these environments has become a major challenge.

To address this, enterprise organizations are increasingly reducing hardware footprints in distributed locations and seeking true cloud solutions as they modernize and scale their networks. These requirements have become foundational and span across network infrastructures, from branch offices and private data centers to cloud workload migrations and new cloud deployments. By embracing such flexible solutions, businesses can enhance their operational efficiency and adaptability in today's dynamic IT landscape.

THE INFOBLOX SOLUTION

Infoblox, the industry leader in DNS, DHCP and IP address management (or DDI), has introduced NIOS-X as a Service, the industry's most advanced cloud delivery solution for the deployment and management of critical network services for hybrid, multi-cloud environments. NIOS-X as a Service combines operational efficiency with exceptional reliability and leverages a new as-a-service model to reduce management overhead while ensuring the ease and simplicity of infrastructure-free delivery.

KEY CAPABILITIES

Infrastructure-Free Service Management
Centralized delivery and control of critical DNS and DHCP services without the overhead of managing physical or virtual servers or hosts.

Reduced Sizing Requirements
Minimizes the need for complicated designs, rightsizing and growth projection activities to ensure delivery of critical DNS and DHCP services.

NIOS-X as a Service saves time as critical network services are configured once and centrally delivered throughout the environment, for streamlined service delivery for public clouds, data centers and distributed sites. With NIOS-X as a Service, organizations struggling to keep pace with the increasing demands can leverage the resource-saving benefits of infrastructure-free delivery for greater agility, speed and operational efficiency for:

- **Infrastructure Modernization:** As organizations upgrade their environments, they also need alternatives to on-premises services (e.g., Microsoft DNS), without deploying new physical or virtual servers. NIOS-X as a Service provides modern alternatives to traditional on-premises network service solutions.

- **Multi-Cloud Simplification:** With most businesses using one or more public clouds, there is a growing need to consolidate the configuration of multiple DNS services. NIOS-X as a Service unifies the management and control of DNS services across public clouds, for integrated, secure and efficiently delivered network services.

- **Distributed Branch Optimization:** Organizations are optimizing operations by reducing or eliminating physical server and virtual appliance deployments at branch sites. NIOS-X as a Service streamlines the delivery of critical network services without the need for servers of any kind. This approach minimizes deployment time and management overhead and improves the allocation of scarce IT resources.

Lastly, NIOS-X as a Service is part of a comprehensive set of service delivery options designed to meet the growing demands of any organization. NIOS-X Physical Servers and NIOS-X Virtual Servers (formerly BloxOne Hosts) are also available and are ideal for use cases like local survivability, which requires local on-premises servers or hosts to maintain business operations if primary connections are lost.
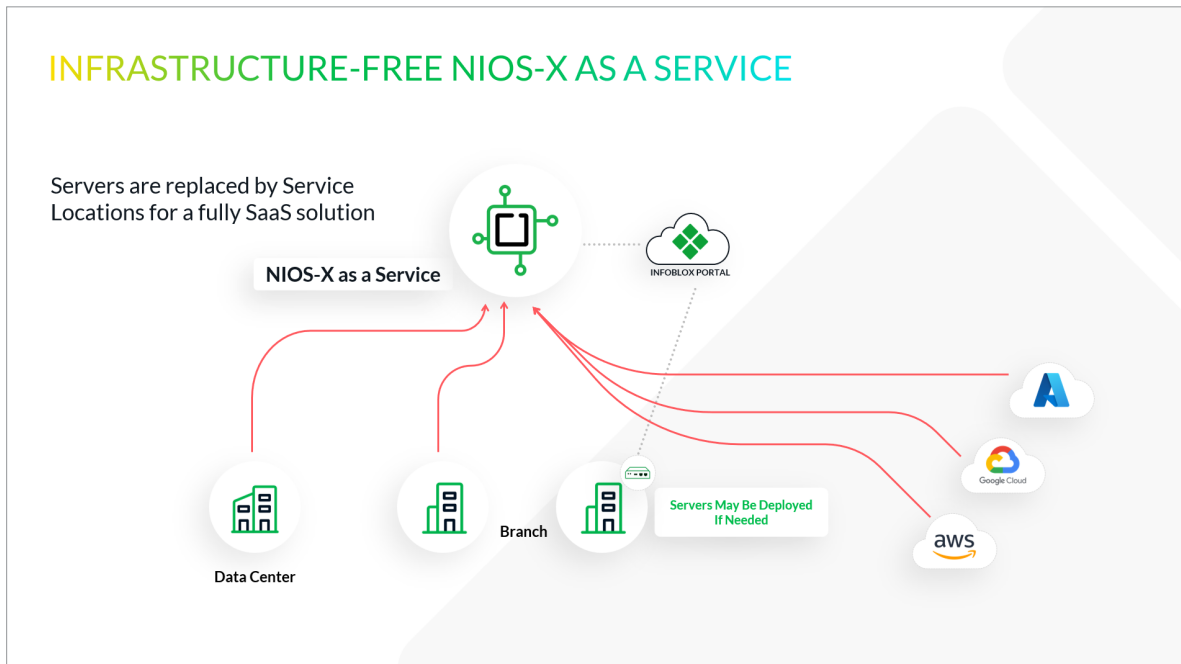

Figure 1: NIOS-X as a Service Management

CONCLUSION

The adoption of hybrid and multi-cloud deployments has become increasingly important among businesses seeking to modernize their infrastructures. However, this trend brings significant challenges in deploying and managing critical network services such as DDI. The lack of interoperability across different cloud providers and on-premises deployments leads to configuration difficulties and necessitates managing separate services for each environment. This results in complex, error-prone manual processes that can cause service outages, delays and increased operational costs.

Infoblox, the leader in DDI, addresses these challenges with NIOS-X as a Service, the industry's most advanced cloud delivery solution for the deployment and management of critical network services for hybrid, multi-cloud environments. NIOS-X as a Service combines operational efficiency with unequaled reliability and leverages a radically new deployment model to reduce management overhead, while ensuring the ease and efficiency of infrastructure-free delivery. Providing the ideal solution to help organizations deliver the reliable, efficient and resilient critical network services today's demanding mobile, IoT and Software as a Service (SaaS) business environments demand.

For more information or to get answers on Infoblox network services, connect with your Infoblox account team, see our critical-network integrations or contact us at Infoblox.com

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Infoblox unites networking and security to deliver unmatched performance and protection. Trusted by Fortune 100 companies and emerging innovators, we provide real-time visibility and control over who and what connects to your network, so your organization runs faster and stops threats earlier.

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