

DATASHEET

Business Benefits

Reduces Integration Costs:

- Provides standards-based integration

Wide Range of Applications:

- Coordinated security
- Security audit compliance
- Factory automation/SCADA
- Network & IT automation
- Cloud Computing
- Smart Grid

Minimizes Operations Costs

- Intuitive web 2.0 UI
- Extensive monitoring, troubleshooting, and logging

Ensures Nonstop Operation

- High capacity, high performance, high availability
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Key Features

Full Compatibility

- IF-MAP 1.1 compliant

Real-time Visibility

- Search and view IF-MAP data
- Manage IF-MAP clients
- Log all publish, subscribe, and search operations

Granular Administration

- Granular control over client-to-server connections
- Grant or deny access to specific operations on a specific client

High Availability

- Active/standby failover
- Ensures transactional integrity

Scalable

- Robust infrastructure for large scale IF-MAP deployments
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Optimize Business Efficiency by Enabling All Your IP Connected Systems to Work Together

Sharing data across independent IT systems creates significant business benefits, including:

- Automation of slow, error-prone manual processes
- More intelligent & timely decisions
- Richer and more fine-grained policies
- Greater visibility & control
- New applications that streamline operations and add value

Today, sharing data among infrastructure systems, and between the infrastructure and applications, typically requires custom, point-to-point integration. The resulting systems are complex, brittle and difficult to maintain. As a result much of the data available in IT systems today remain locked in proprietary silos.

As a member of the Trusted Computing Group (TCG), Infoblox has contributed to the development of a new standard for sharing data across different systems called IF-MAP. Leveraging our experience with providing highly reliable, scalable and manageable core network services appliances, Infoblox now offers the Orchestration Server appliance that provides organizations with a solid infrastructure for their IF-MAP deployments.

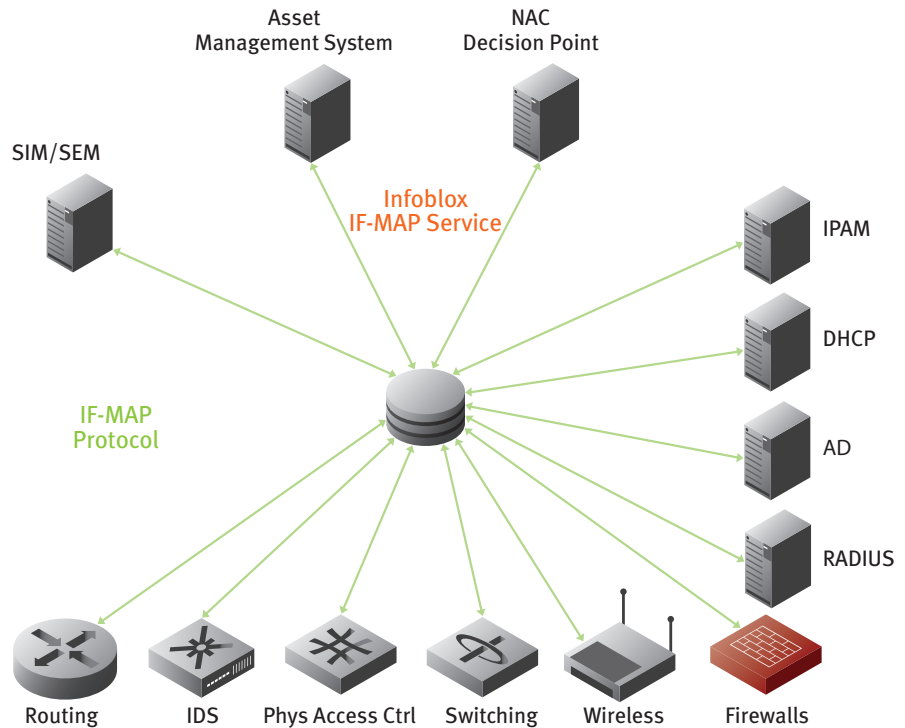
Overview

The Infoblox Orchestration Server provides a highly secure and scalable Metadata Access Point (MAP) Server that acts as an active, real-time repository and distribution point for information to and from IF-MAP enabled devices and systems. IF-MAP aggregates and distributes metadata from a wide range of systems, including network infrastructure systems (routers, switches, load balancers, etc.); Network security systems (firewalls, intrusion detection/prevention systems, policy servers, SIEM systems); Authentication systems (RADIUS, Microsoft AD, etc.); Physical control systems (building control, factory automation, etc.); and business applications (asset management, ERP, CRM, HR, etc.). The Infoblox Orchestration Server is standards based and fully supports the IF-MAP 1.1 specification published by the TCG.

Standard-based Networked System Coordination

The IF-MAP specifications standardize the way devices and applications share information with one another, in real-time. More specifically, IF-MAP defines a protocol and associated database used by applications and systems to publish information, subscribe to changes in information of interest, and search for relevant data. It's analogous to Facebook for network devices and systems, and can be used entirely within a company as well as between and among different organizations.

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Applications

- Enhance network access control by dynamically aggregating and correlating information from independent systems from multiple vendors, including device IDs, network addresses, user roles, endpoint status, and network activity.
- Ensure that PCs are immediately denied access to restricted applications if their owners leave a classified area.
- Improve services, optimize supply chains and prevent loss by actively tracking assets and people within and between facilities.
- Automate IT operations and simplify compliance.

Infoblox IF-MAP Return on Investment

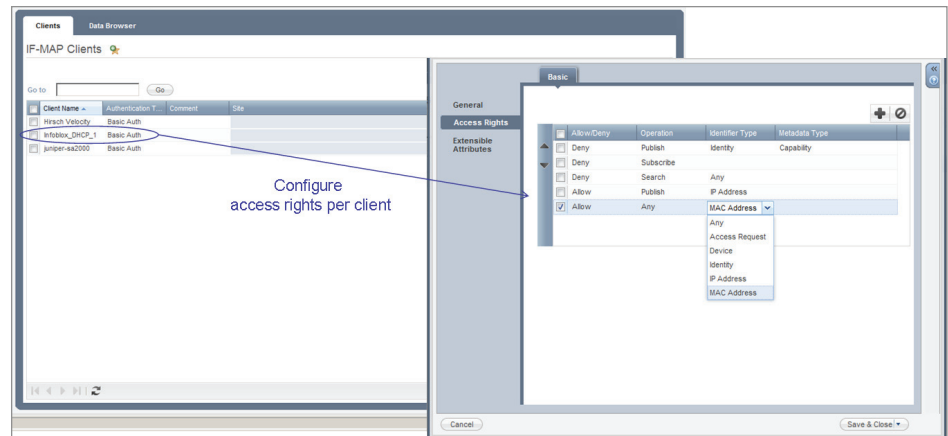
Used in conjunction with IF-MAP enabled products, the Infoblox Orchestration Server reduces the complexity and cost of system integration, enabling new worlds of collaborative systems and applications. The need for a standard in this area is widely recognized: In a recent survey of 50 of large enterprises, over 87% see a major business value in standard-based integration solutions such as IF-MAP.

Infoblox Orchestration Server Solution Details

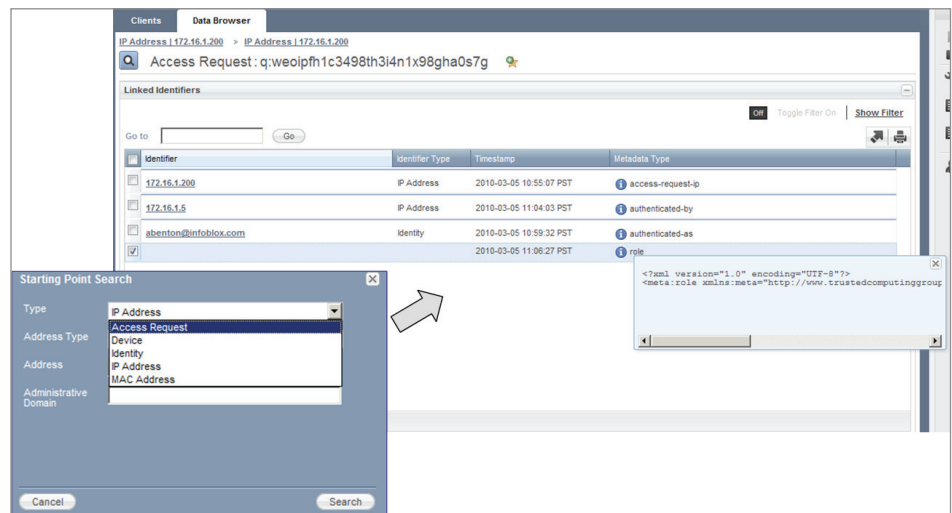
The Infoblox Orchestration server provides a TNC-compliant IF-MAP server running on an Infoblox appliance platform. Appliances can be configured in high-availability pairs to ensure nonstop operation, even during software upgrades. The solution also offers an easy-to-use browser based GUI that makes it easy to set up, manage and maintain a robust IF-MAP service.

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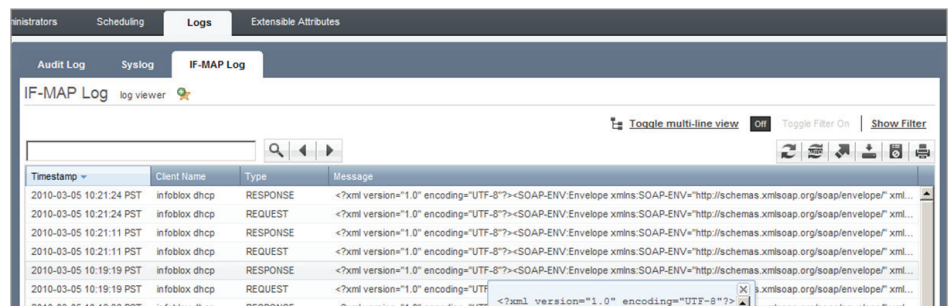
IF-MAP Client Management: Provides granular client management and administration functions—Add/View/Delete IF-MAP Clients, Manage Certificates, Configure read-write/read-only/deny privileges for each publish, subscribe and search operation per client.



IF-MAP Metadata Browsing: Provides an easy to use web interface for searching metadata—User simply defines an IF-MAP identifier, server displays all the links and metadata that are related to the identifier.



IF-MAP Logging and Log Search: Logs all IF-MAP protocol related communications between the Infoblox Orchestration Server and clients and can be easily searched and filtered.



Specifications

Compatibility:

- Supports version 1.1 of the IF-MAP standard

High Availability:

- Can be configured into a high-availability pair, providing active/standby failover
- Sub 5-second failover with no data loss or duplication

Security

- Built on the hardened Infoblox NIOS™ operating system
- Exposes no unnecessary ports or root access
- Configurations and data are secure

Accountability

- Provides extensive logging of all publish, subscribe, and search operations
- Maintains easily searched logs for all administrative actions and system errors

User Interface:

- Intuitive Web 2.0 User Interface
- Command Line Interface

NTP (Network Time Protocol) Services

- Ensures Infoblox Orchestration server and IF-MAP clients times are always accurate
- Can be configured as an NTP server or NTP client

File Distribution Services

- Simplifies CA certificate distribution to IF-MAP clients. Use the file distribution services to upload CA certificates to Infoblox Orchestration Server. edistribute uploaded certificates to all clients
- Includes support for TFTP, HTTP, and FTP

Infoblox Product Warranty and Services

The standard hardware warranty is for a period of one year. The system software has a 90-day warranty that will meet published specifications. Optional service products are also available that extend the hardware and software warranty. These products are recommended to ensure the appliance is kept updated with the latest software enhancements and to ensure the security and availability of the system. Professional services and training courses are also available from Infoblox. Information in this document is subject to change without notice. Infoblox Inc. assumes no responsibility for errors that appear in this document.