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WBEM Solutions

C WBEM Server 2.2.0

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Agenda

Introduction

Architecture

Features

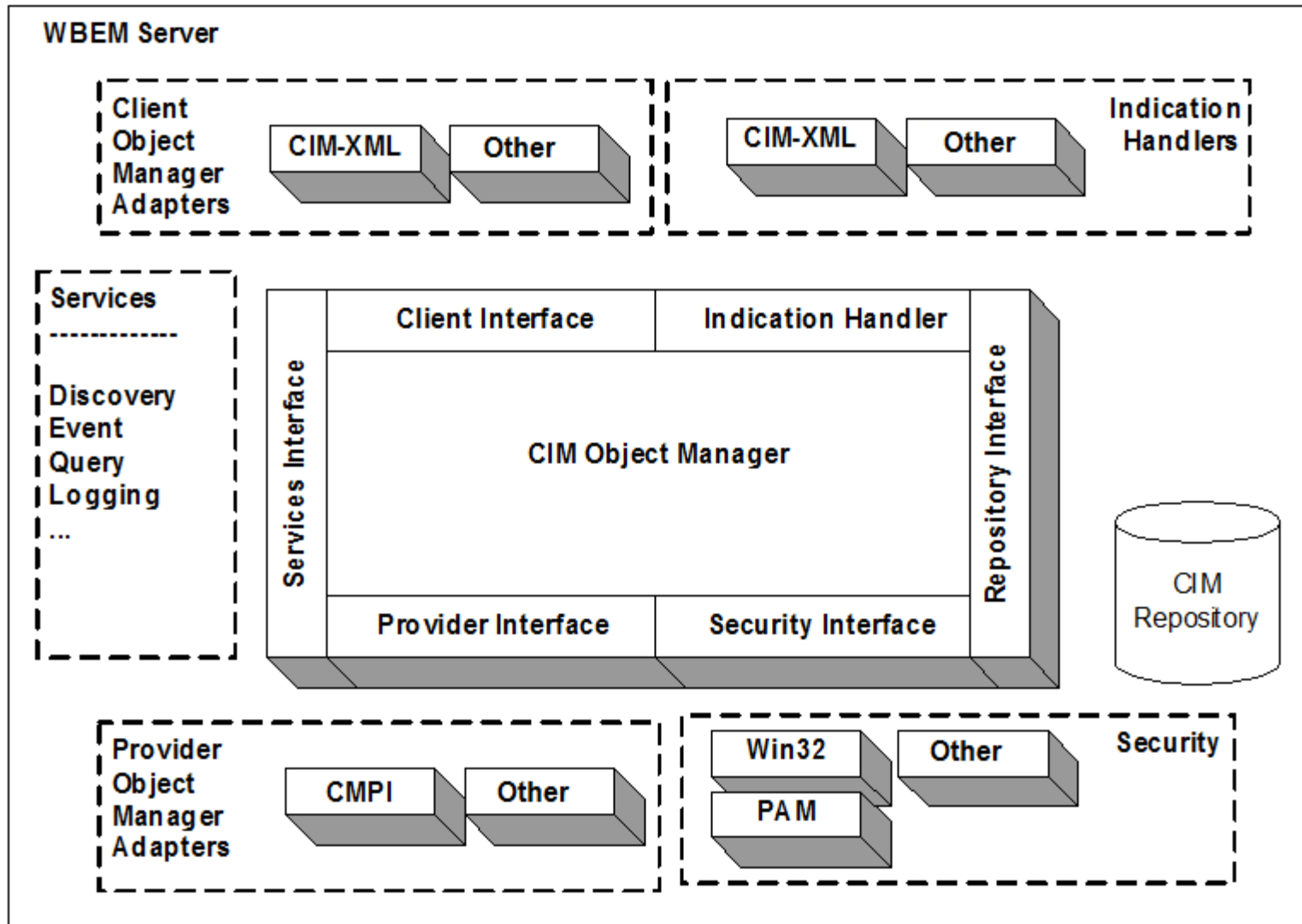
Footprint

Q&A

Introduction

- WBEM Server for resource constrained systems
- WBEM Management Development Platform
- Commercial Product with full support
- Native application
- Designed for use:
 - Embedded devices
 - Enterprises systems
- Supports CMPI providers

Architecture



Architecture

- Pluggable Architecture
- Extensible
 - Client Object Manager Adapters
 - Indication Handlers
 - Provider Object Manager Adapters
 - Repository
 - Security Object Manager Adapters
 - Services
- Components modeled in CIM.
- Multi-threaded, not forking

Features - Adapters

- CIM-XML Support
 - Client Object Manager Adapter
 - Indication Handler
 - HTTP/HTTPS supported
- CMPI Provider Object Manager Adapter
- CIM Repository for storing Schema and instance data.

Features - Security

- Security Adapters
 - Windows Security
 - PAM (*nix platforms)
- Mutual Authentication
 - Client
 - Indications

Features - Services

- SLP service advertisement
- CQL (basic query and embedded properties)
- Logging
- Mutual Authentication for Indication Request
- Mutual Authentication for Indication Delivery
- TLS/SSL support

Features - Profile

- DMTF Profile Registration Profile 1.0.0
- SNIA Server Profile 1.1.0
- SNIA Server Profile 1.2.0
- SNIA Object Manager Adapter Profile 1.1.0
- SNIA Object Manager Adapter Profile 1.2.0
- SNIA Profile Registration Profile 1.0.0

Platform Support

- Linux (RedHat, SLES, Fedora)
- Solaris
 - 9,10 (SPARC)
- Windows
 - 2003 Server and XP Professional
 - Vista
- Others ?

Release Schedule

- 2.1.4 available now, 2.2.0 available shortly
 - Contact sales@wbemsolutions.com for evaluation information.
- Train model
- Revisions
 - 2.3.0, 2.4.0, etc
 - Release once a quarter
 - Contains fixes and may contain new features
- Patches
 - 2.2.1, 2.3.1
 - Released as needed

- SLP Discovery
- System Name override
 - For use behind firewall
 - Allows configuration of Name/IP to advertise (e.g. SLP).
- Multi-homed support
 - Can configure to bind to one or all interfaces
- Many more...

- Windows
 - ~ 3 Megabytes of Ram.
 - ~ 7 Megabytes of Disk (~5 Megabytes for binaries)
- Linux
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