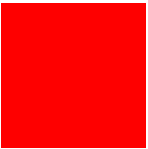


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Next Generation Imperatives for Identity Management

Rohit Gupta
Vice President, Product Management

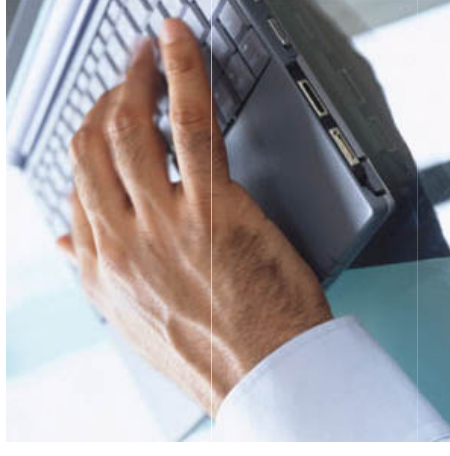


The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.



Agenda

- **Market Trends in Identity Management**
- Introducing Identity Management 11g
- Major product updates
 - Identity Administration
 - Access Management
 - Directory Services
 - Audit & Compliance
- Industry and Customer Momentum
- Summary/Q&A





Identity Management in Enterprise's Today



Identity Management 1.0

- LDAP for credentials and policies
- Authentication & SSO for Web Applications
- Password Reset, typically based on Windows credentials
- User Lifecycle Management & Semi-Automated Provisioning
- Federated Identity across simple business networks
- Basic audit and compliance reporting



But.... Gaps Exist & New Patterns emerge



- Simplification and Consolidation of Infrastructure
- Context aware access management
- Externalization of Authorization from Applications
- End to end Identity Propagation
- Explosion of Roles in the Enterprise
- Cloud Computing

And Regulations are more than ever...



? Report and audit

- Federal, state, local, industry...adding more mandates every year!
- Need to meet AND demonstrate compliance
- Compliance costs are unsustainable

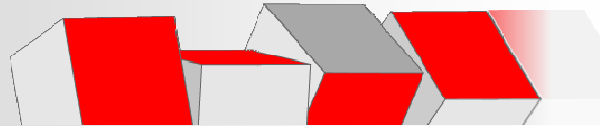
90%

Companies behind in compliance

ORACLE®



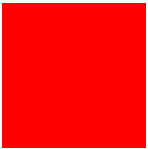
While **Costs** are Higher Than Ever...



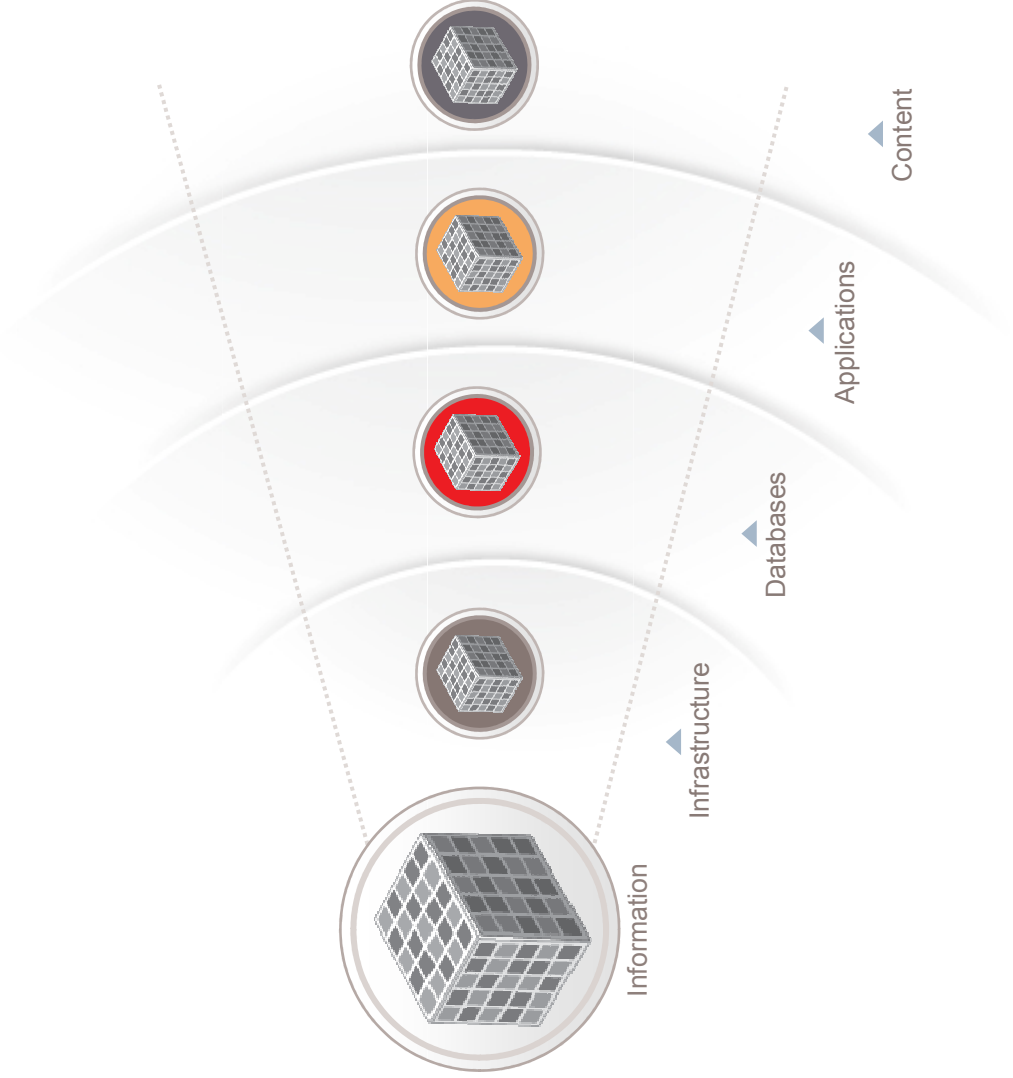
- User Management Costs
- User Productivity Costs
- Compliance & Remediation Costs
- Security Breach Remediation Costs



It Adds Up



Oracle Security Inside Out



Database Security

Identity Management

Governance, Risk & Compliance

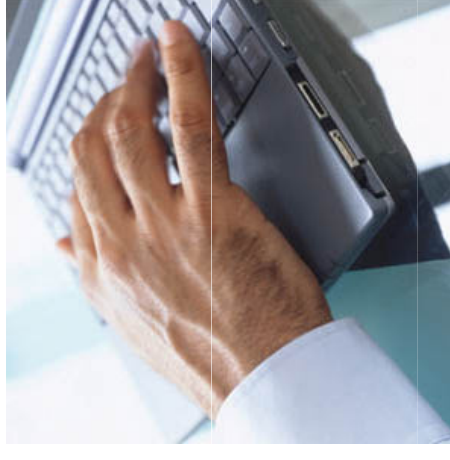


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Oracle Identity Management 11g

Key Design Themes



Oracle Identity Management 11g

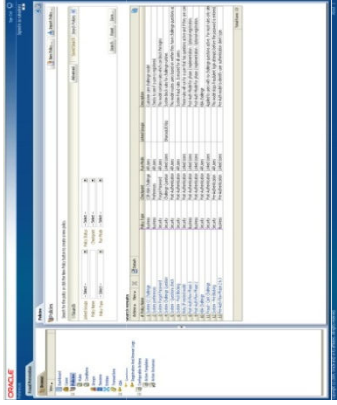
Service-oriented Security



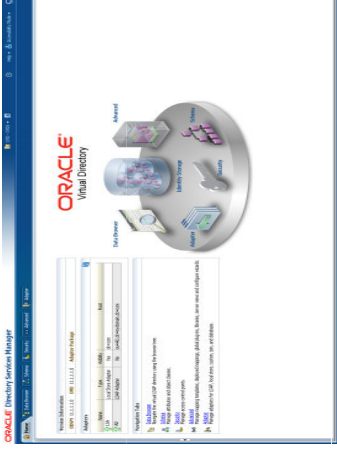
- Introducing Oracle Platform Security Services
 - Library of security services including authentication, authorization, encryption, common audit and logging etc.
 - Integrated with JDeveloper , for design time security development
 - Centralized role and entitlement management through Authorization Policy Manager
- “Identity as a Service”, declarative security framework based on open Java and Web-services Standards
- Comprehensive security for Fusion Middleware & Applications



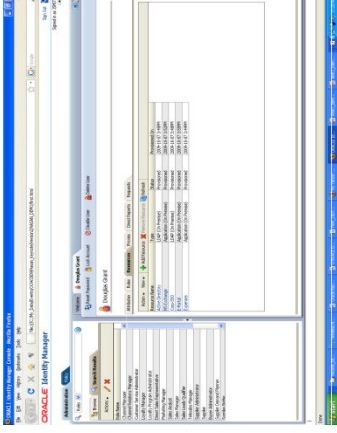
Oracle Identity Management 11g Suite Integration



OAM



ODSM

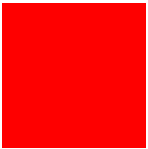


OIM



APM

- Installation & Patch Management
- Common Technology Infrastructure
 - Workflow, Encryption, Meta-data Management, Audit & Logging, Alerts & Notifications, Configuration Management etc
- UI Standardization, including Globalization & Accessibility



Hot-Pluggable & Open Standards



INNOVATION : CONTRIBUTION:IMPLEMENTATION

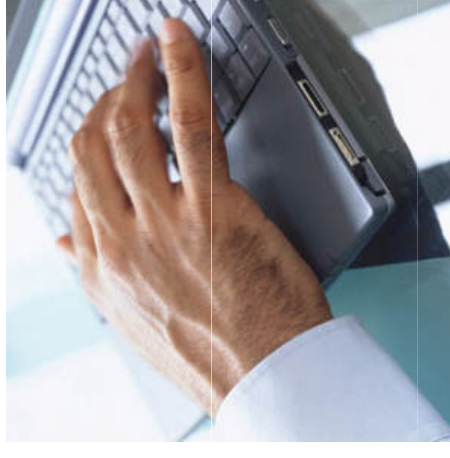


ORACLE



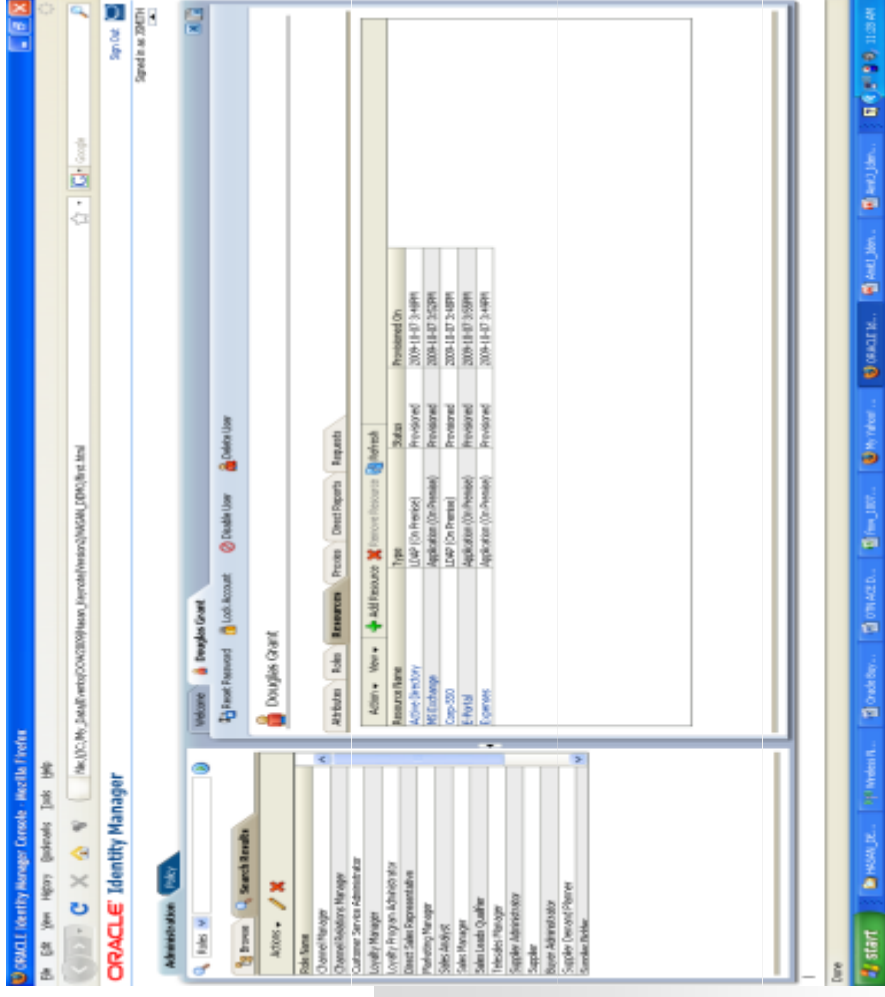
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Identity Administration 11g

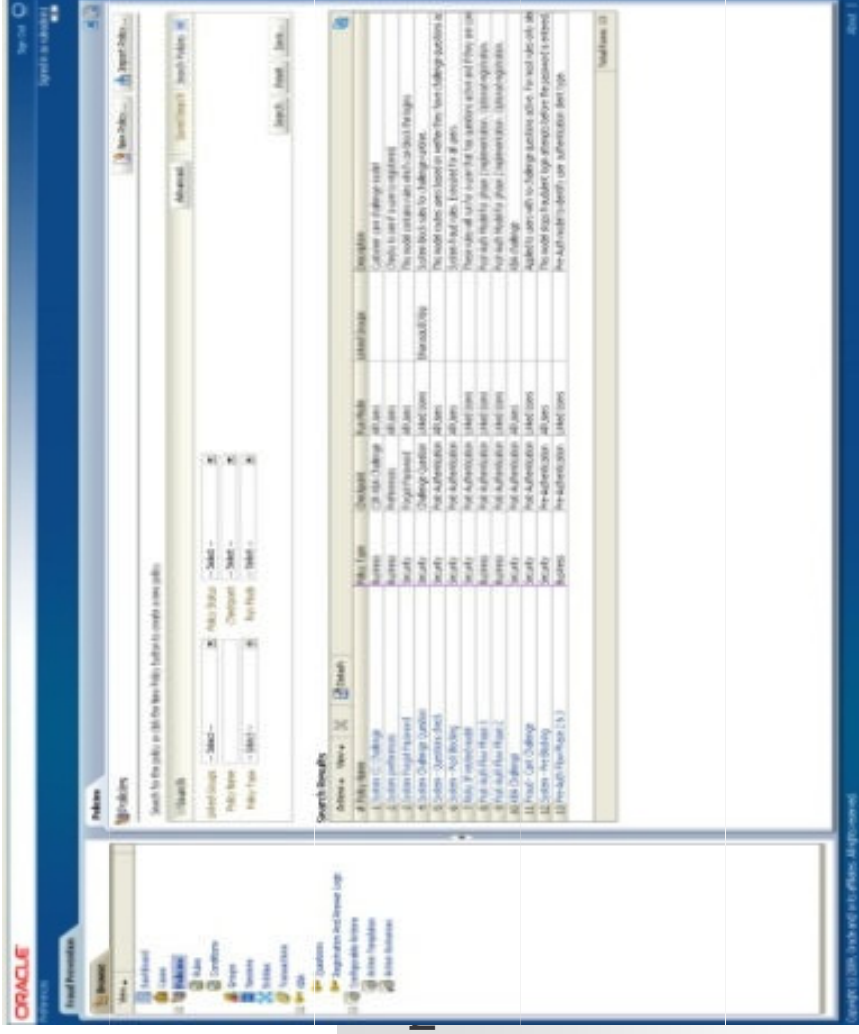
- Integrated Identity & Role Administration
- Identity Services based on SPML
- Template-driven Request and Self Service, based on BPEL
- Next generation Connectors



Access Management 11g

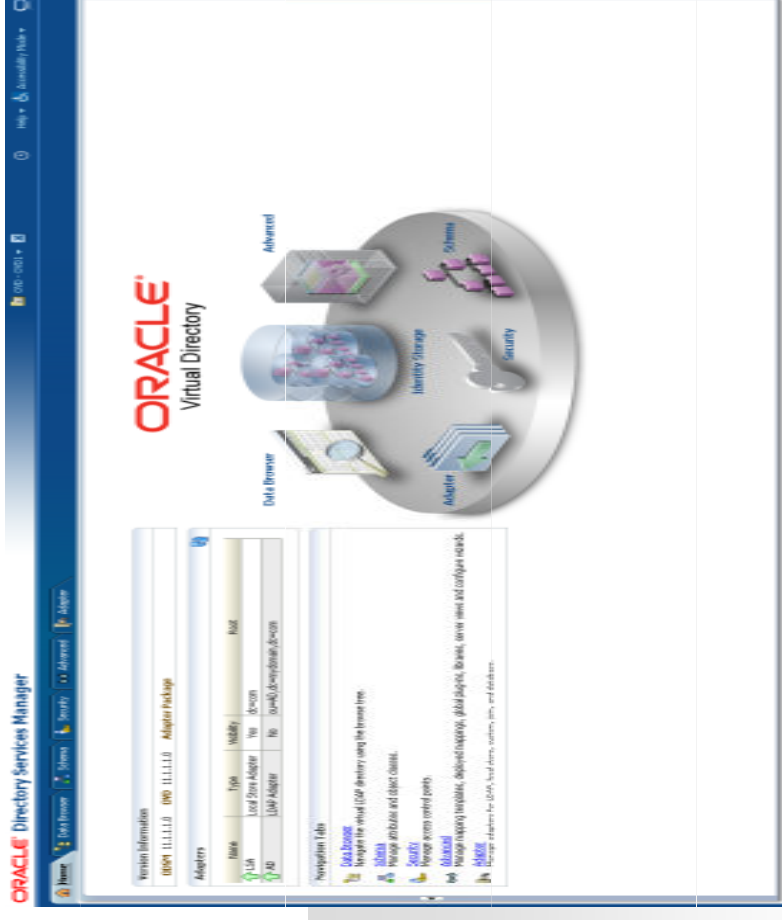


- Convergence of OAM and OSSO into a single next-generation access management platform
- Continued Innovation
 - Server-based Session Management
 - STS service for Token Propagation and E2E Security
 - Fine-grained data and functional security
 - OTP via email/SMS
- Support for Web2.0 Standards such as OpenID, Cardspace, OAuth etc.



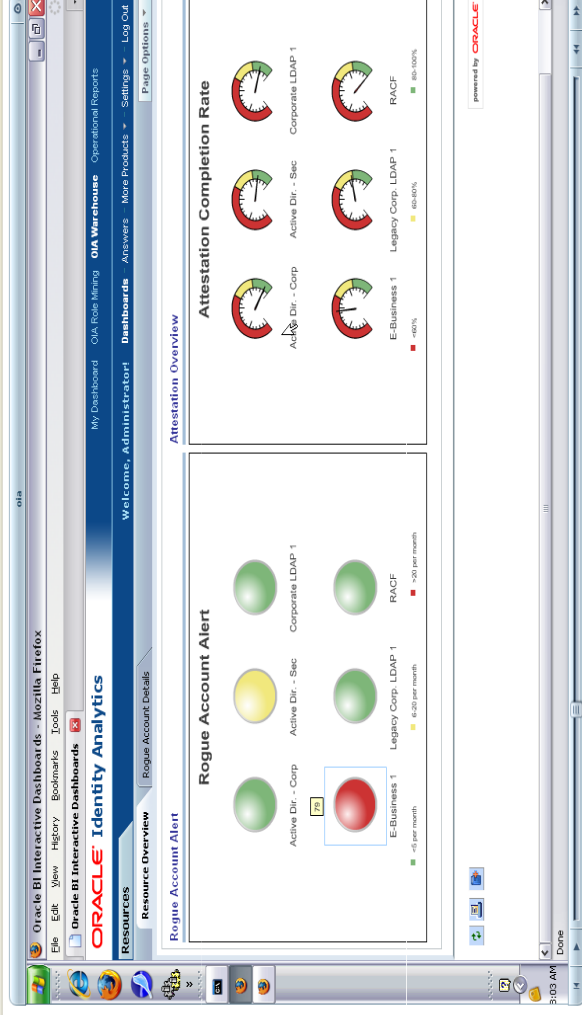
Directory Services 11g

- Integrated Directory Administration Console for OID & OVD
- Deployment Accelerators for Peoplesoft, EBusiness Suite, Sharepoint
- End to End auditing and logging
- Improved Scalability & Performance
 - 2Billion Entries, supporting 100,000+ LDAP search ops/sec and 80,000 LDAP authns/sec



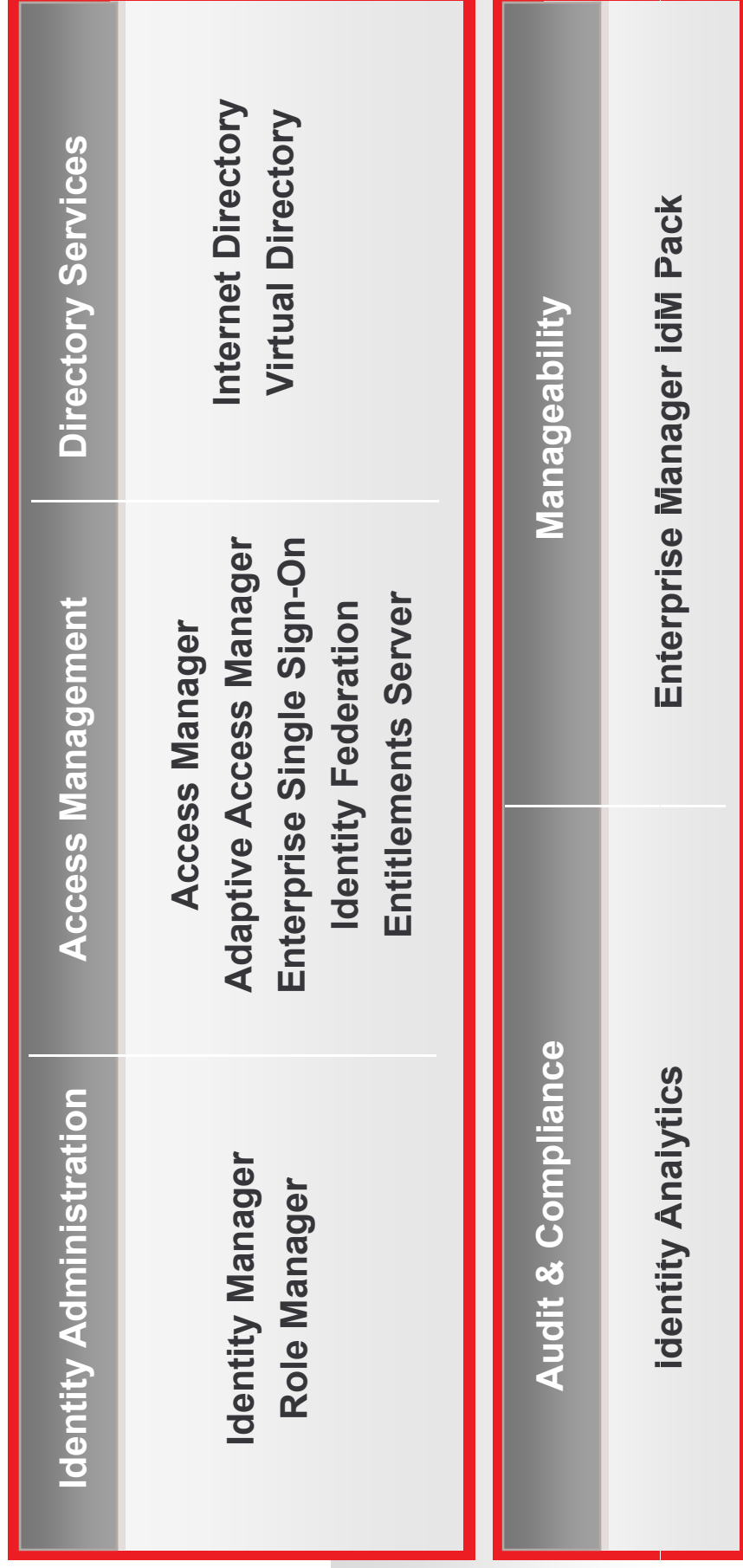
Audit & Compliance 11g

- Compliance Control Panel
- Actionable Dashboards & Comprehensive Analytics
- Rich Identity Warehouse
- Star-schema optimized for Analysis, Mining, Correlation, Reporting



- Automated, Rapid and Sustainable Compliance
- Segregation of Duties, Access Certification, Closed-loop Compliance

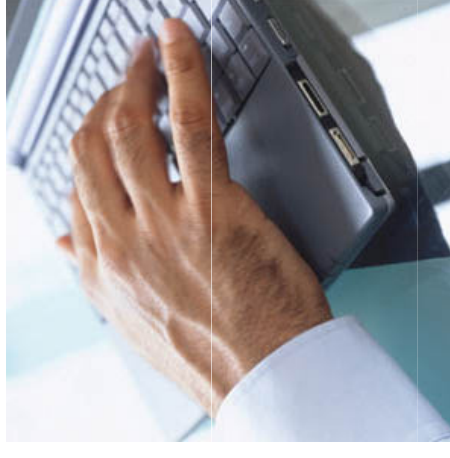
Oracle Identity Management





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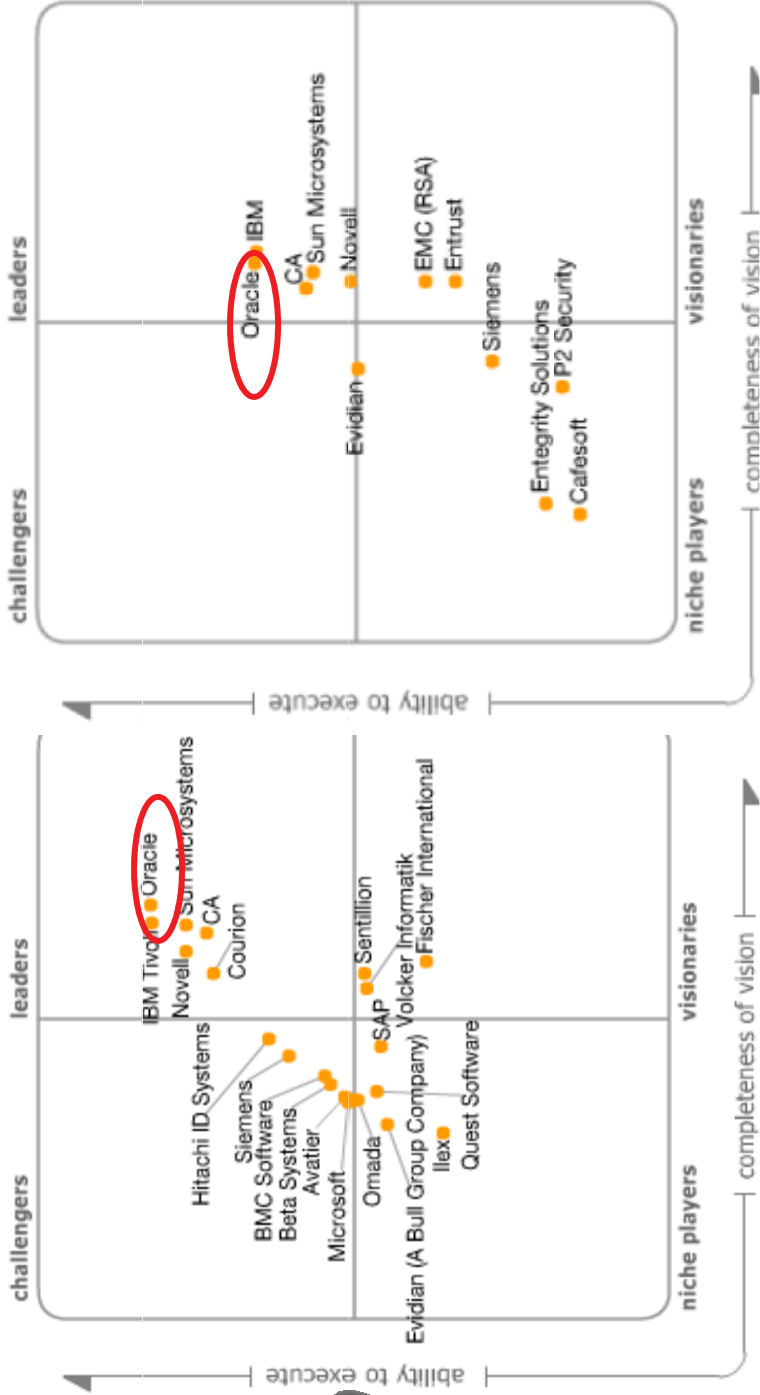
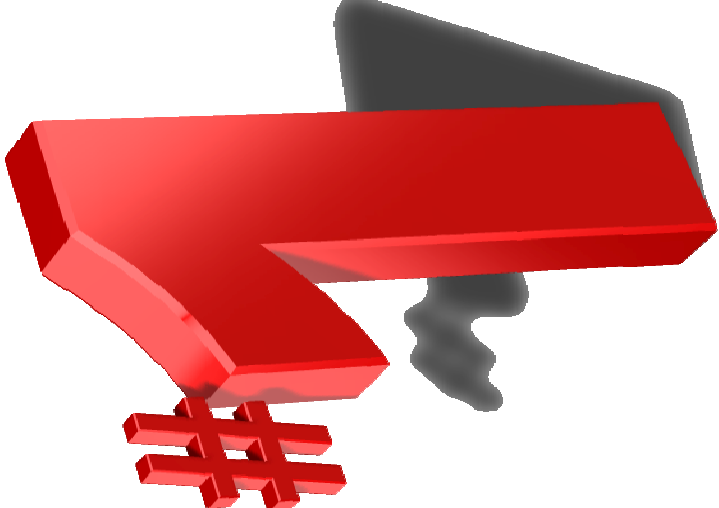


Oracle Identity Management

The Leader in Provisioning & Access Management – Gartner MQ

“Oracle is the leader in this Magic Quadrant”
- Earl Perkins, Perry Carpenter, Sep 30 2009 (Research G00171056)

User Provisioning, H2 2009 **Web Access Management, H2 2008**

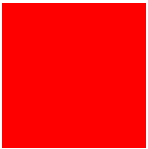


As of September 20

As of November 2008



Magic Quadrant Disclaimer: The Magic Quadrant is copyrighted by Gartner, Inc. and is reused with permission. The Magic Quadrant is a graphical representation of a marketplace at and for a specific time period. It depicts Gartner's analysis of how certain vendors measure against criteria for that marketplace, as defined by Gartner. Gartner does not endorse any vendor, product or service depicted in the Magic Quadrant, and does not advise technology users to select only those vendors placed in the "Leaders" quadrant. The Magic Quadrant is intended solely as a research tool, and is not meant to be a specific guide to action. Gartner disclaims all warranties, express or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

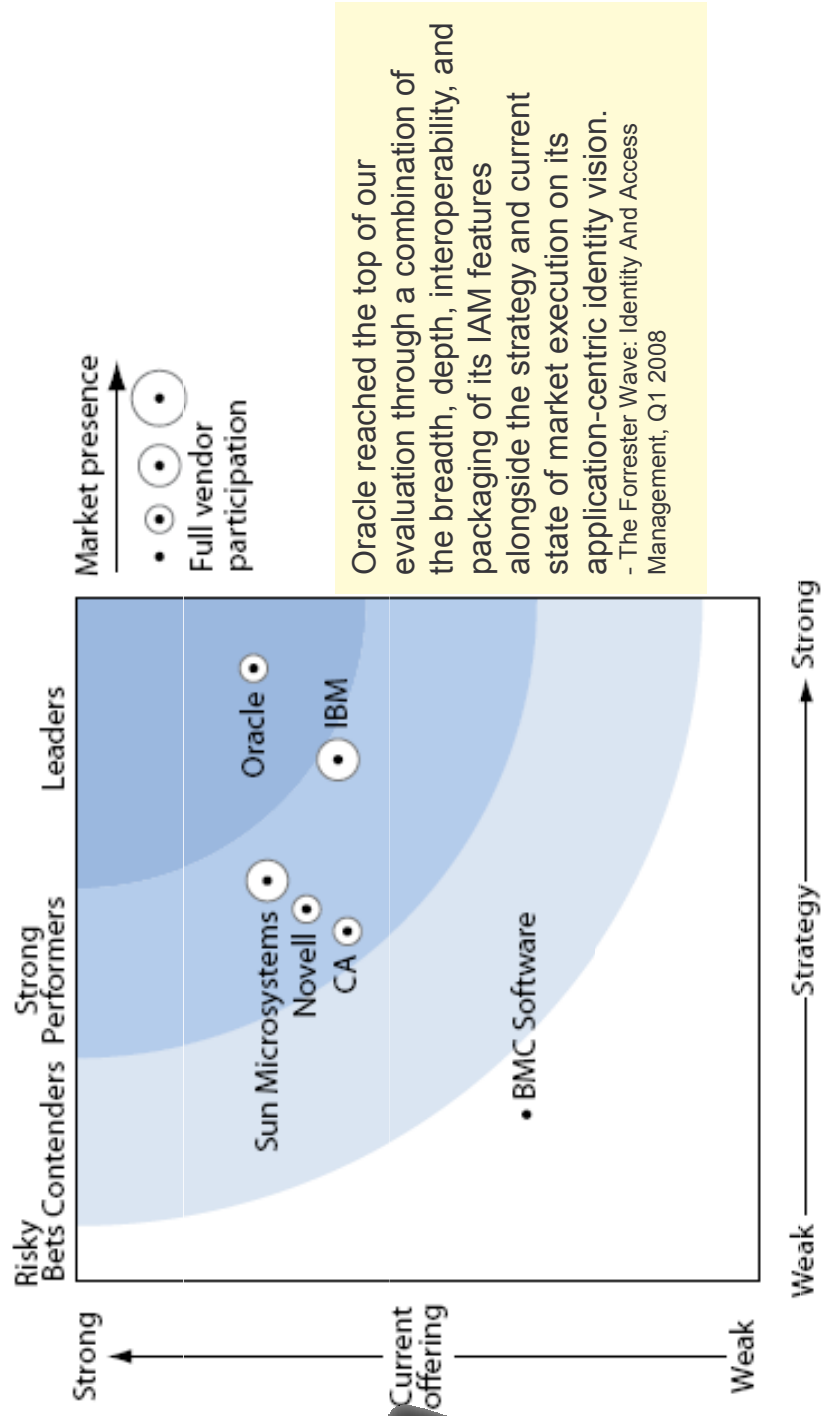
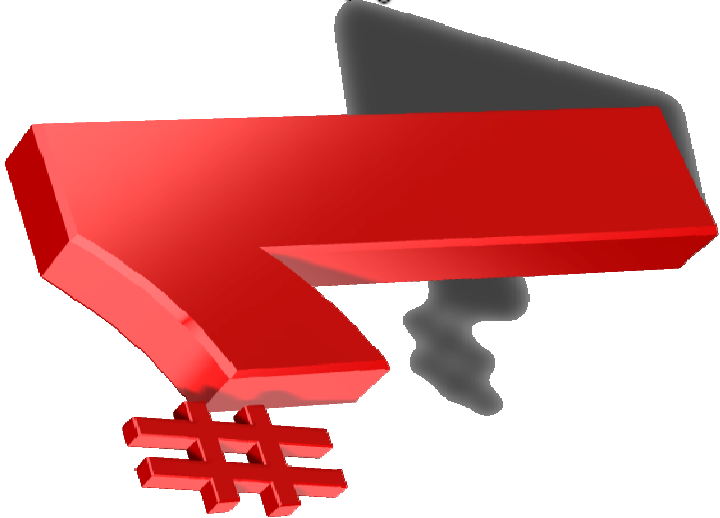


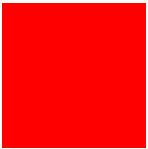
Oracle Identity Management

The Leader in Identity Management – Forrester Wave

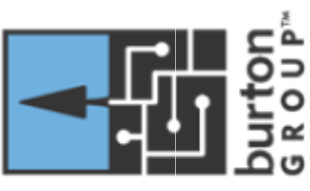
“Oracle has established itself as Leader.”

- The Forrester Wave: Identity And Access Management, Q1 2008

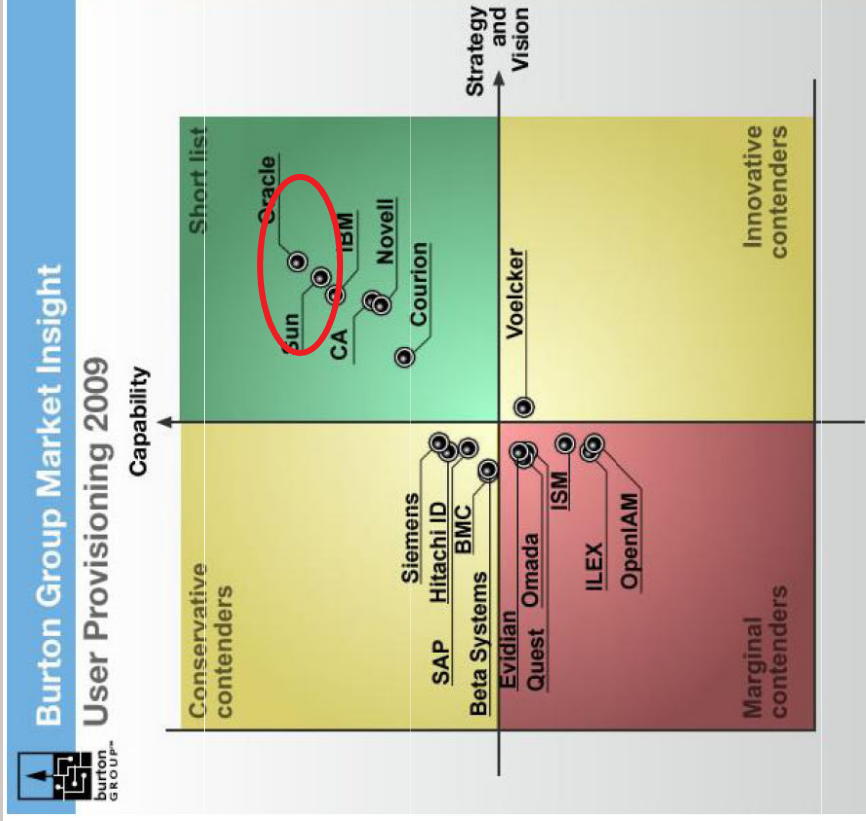
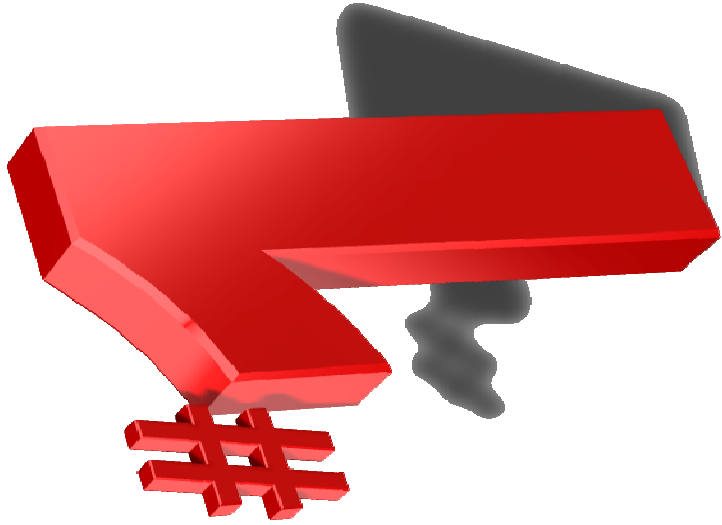




Provisioning Market Report 2009



“Oracle is currently leading the provisioning market...IBM and Sun have both lost market share to Oracle...”
- Provisioning Market 2009 report





Best of Breed Identity Management

Used by the World's Leading Companies

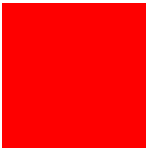
14000 Global Customers

23 Dow Jones 30

84 Fortune 100

86 Fortune 100 Global

845 Business Week 1000



Identity Management Customers

Financial Services

Logos for financial services companies: Barclays, Charles Schwab, ING, UBS, RBS (The Royal Bank of Scotland), Wells Fargo, JP Morgan Chase & Co., and The Hartford.

Transportation & Services

Logos for transportation and services companies: Accenture, Southwest Airlines, Alaska Airlines, British Airways, Wipro (Applying thought), and CMA CGM.

Manufacturing & Technology

Logos for manufacturing and technology companies: Pfizer, HERSHEY'S, Cisco, Dell, Johnson & Johnson, Boeing, Hyundai (Drive your way™), and General Dynamics (Strength On Your Side).

Telecommunication

Logos for telecommunication companies: Sprint (Together with us!), O2, T-Mobile (We never stop working for you.™), Verizon, Vodafone, BT, and telenor.

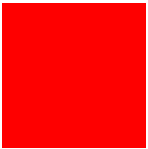
Public Sector

Logos for public sector entities: Department of Defense, State Department, Federal Aviation Administration, and various state seals including California, North Carolina, and others.

Retail

Logos for retail companies: Burlington (East Footlocker), Best Buy, Safeway (Ingredients for life.™), Tesco, and Giant Eagle.





Leader in Identity Management

Used by the World's Leading Companies

The Largest



The Fastest Growing



The Most Profitable

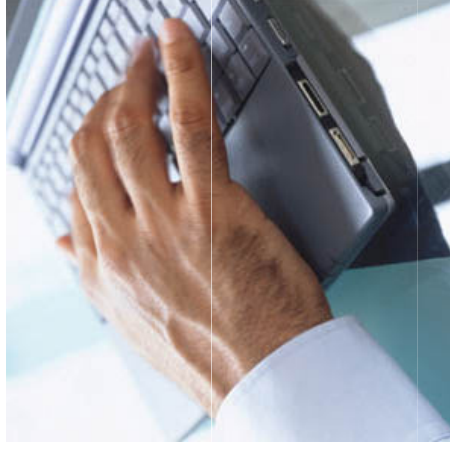


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Oracle Differentiators



Comprehensive, best-in-class solutions



Hot Pluggable

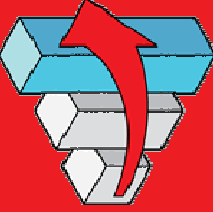


Application Centric

Oracle Identity Management


Four C's of Success

Cost Savings



- Prevents losses from fraud
- Provides low cost Secondary AuthN
- Reduces help desk calls

Compliance



- Cost-effective and future-proof
- HIPAA, SOX, FFIEC, PCI compliance

Client Experience



- Improves and streamlines user experience
- Simplifies application development and deployment

Cross-Channel Security



- End to end capabilities from a single suite
- Protects applications across multiple channels

For More Information

Related Sessions

- Security in Oracle FMW 11g – Mon 5.30pm - Moscone South 308
- Introduction to OIM 11g – Tues 11.30am – Moscone South 309
- Introduction to OAM 11g – Tues 2.30pm – Moscone South 309
- Who's Looking at your SharePoint? Securing MOSS with Oracle Entitlements Server – Wed 1pm – Moscone South 307



Related Demos

- DEMOgrounds, Moscone West
- Audit and Compliance
 - Compliant, Role-Based Provisioning
 - Enterprise Single Sign-On and Identity Federation
 - Identity Management for Enterprise Applications
 - Oracle Access Management Suite
 - Oracle Directory Services
 - Oracle Fusion Middleware Security
 - Oracle Information Rights Management



Related Labs

- S311737: Secure Oracle E-Business Suite and PeopleSoft Enterprise with Oracle Identity Management , Monday and Tuesday 11:30 - 12:30, Marriott Hotel, Golden Gate A3



For More Information

search.oracle.com

or
oracle.com/identity



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