

# CA SiteMinder® family of products roadmap update

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# agenda

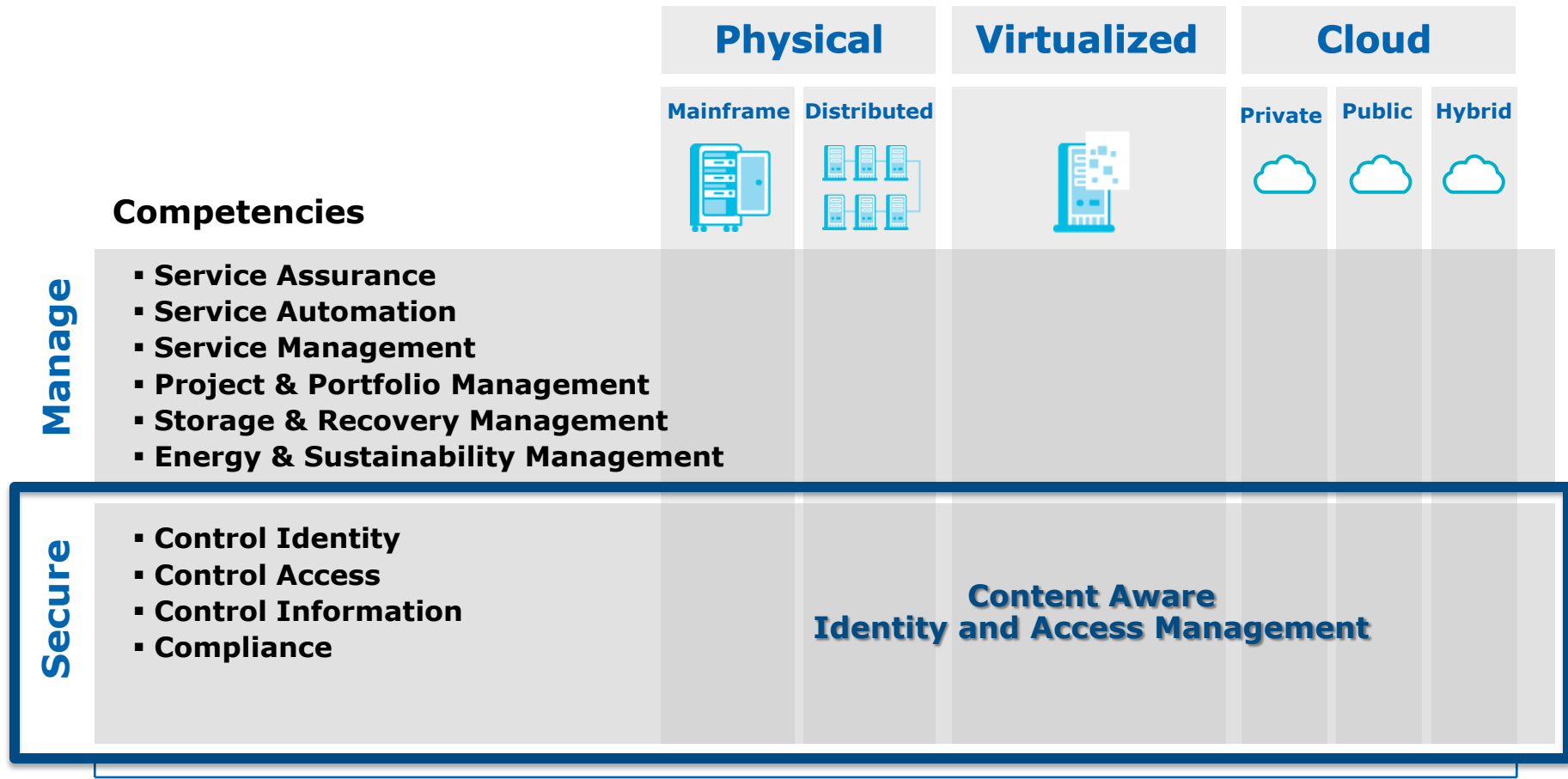
- Security strategy and vision
- How we got here
- Recent releases
- The changing IT landscape
- The mission and Roadmap
  - Siteminder 12.5
- Cloud and Project Voyager
- Q&A

# Security strategy and vision

# what we do:

## manage, secure and deliver more flexible IT services

Enable the delivery of more flexible IT services

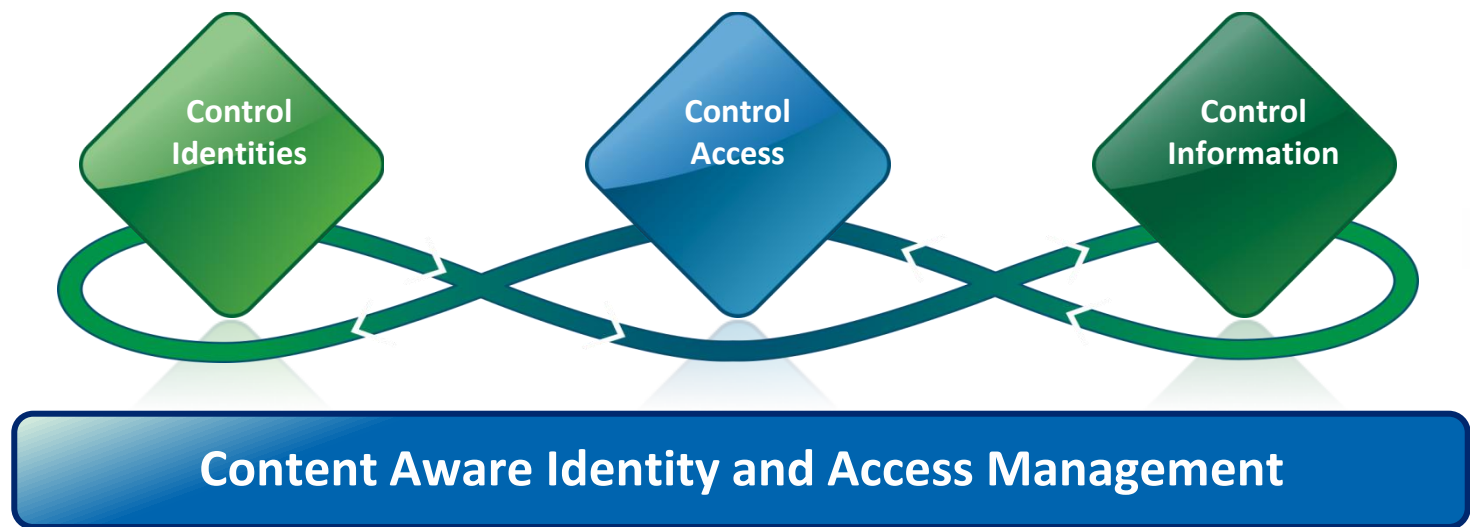


Services, Education and Support

# Our security strategy and vision

## CA's Security Software

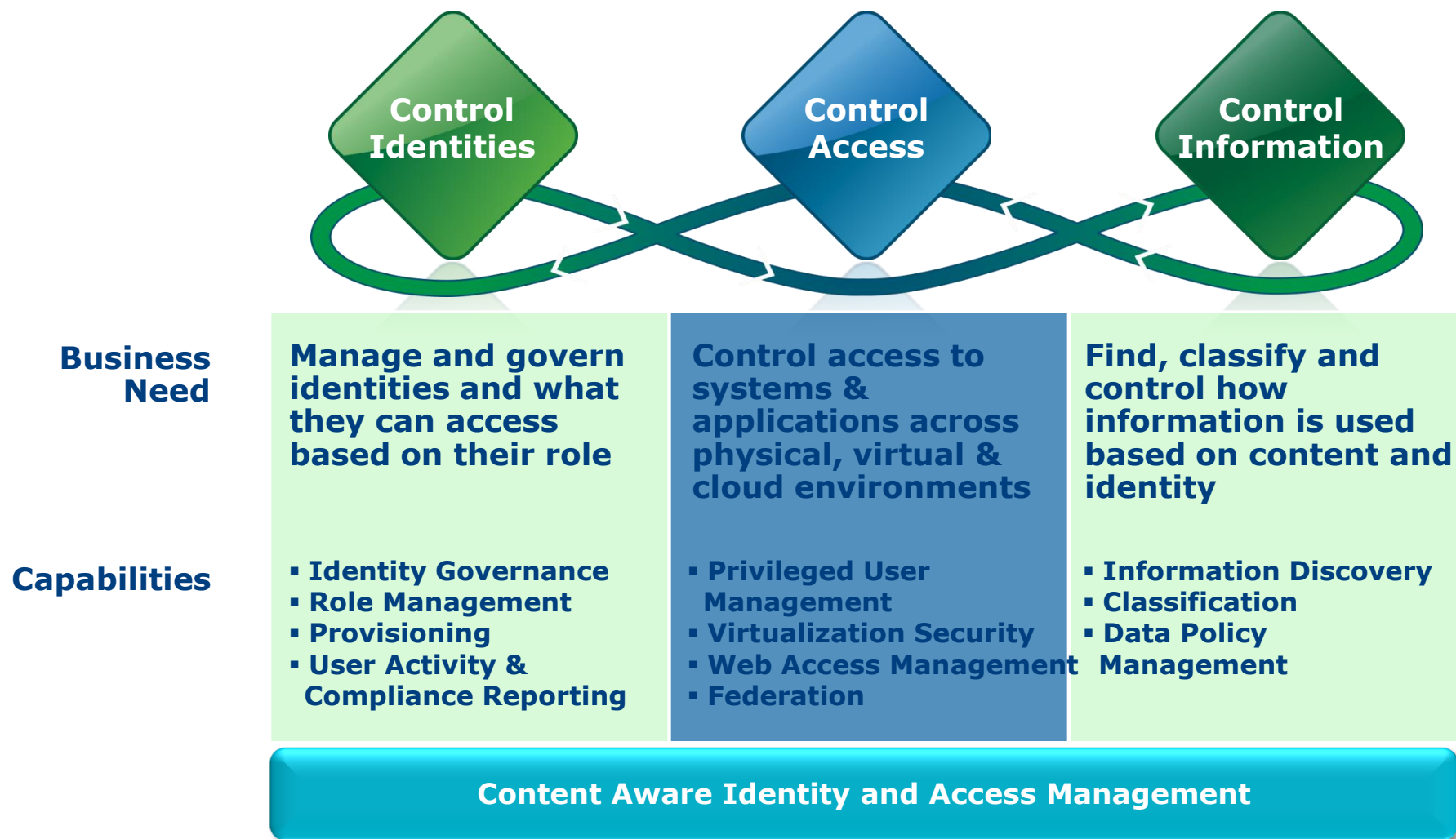
Controls identities, their access & how they can use the information they access – That's **Content Aware IAM!**



The control you need to confidently drive business forward across physical, virtual and cloud environments

# Security building blocks of success

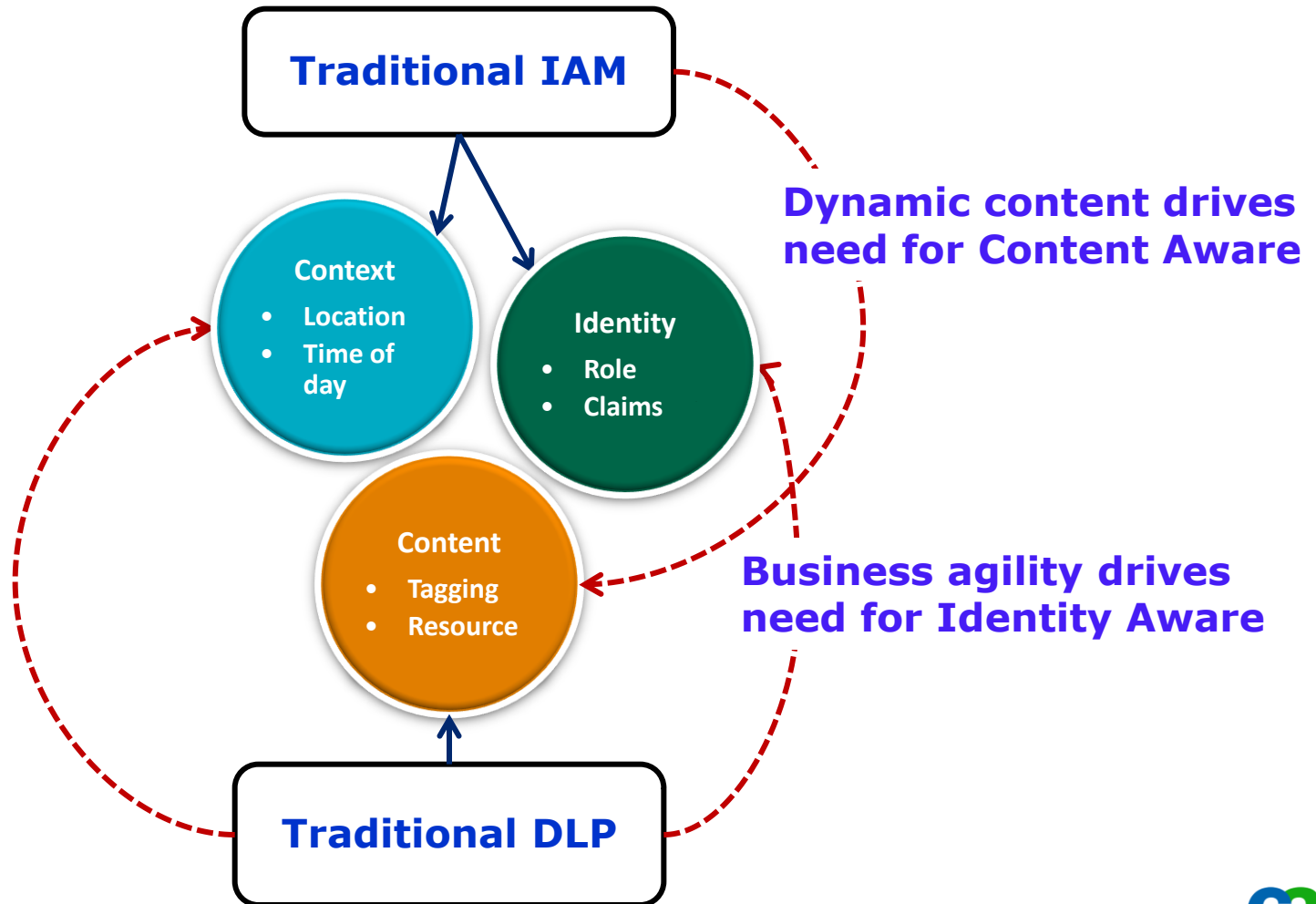
The control you need to confidently drive business forward





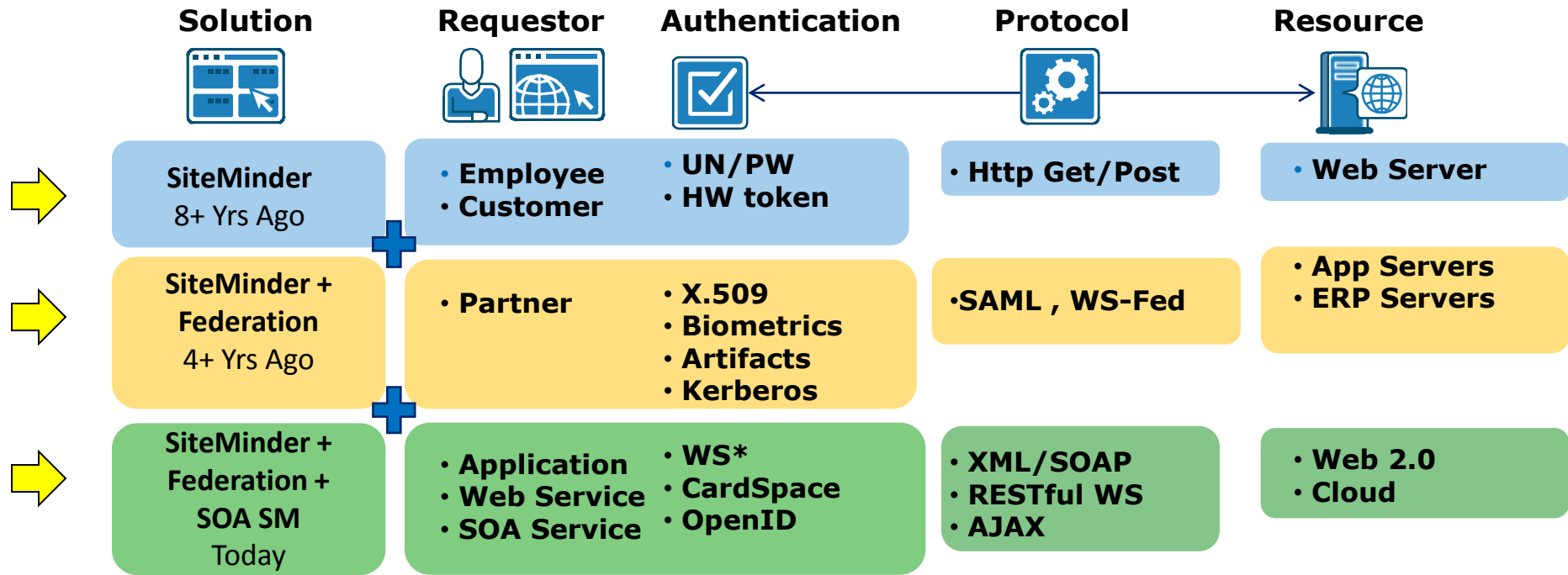
# Content Aware IAM

## – The Business Transaction Context



# How we got here

# how we got here?



# SiteMinder product family

Security

- Accelerating business beyond organizational boundaries via the web
- Support compliance and governance requirements for web-based business transactions
- Reduce cost through reuse of highly scalable, automated, and centralized security management
- Reduce risk through consistent enforcement of access policies

## *Web Access Management*

### **CA SiteMinder**



- Web SSO
- Authentication Management
- Policy based authorization
- Broad web application and server support

## *Identity Federation*

### **CA Federation Manager**



- Internet SSO
- Browser-based federation across domains
- Flexible options for partner enablement
- SAML Standards support

## *SOA / WS Security*

### **CA SOA Security Manager**



- Policy-based authorization
- XML threat prevention
- Authentication of requester based on message content
- WS Standards support

# Recent releases

- SiteMinder r12 SP2 (Nov 09)
  - Simplifying the installation
    - Embedded stripped Jboss
    - Automatic administrative UI registration
    - Wizard for configuring external authentication
- SM r6 SP6 (Apr 10)
  - SP6 is the last SP on the r6 version
    - Support for most recent SharePoint Agent release
    - Performance improvements
      - Significantly faster agent to Policy server initialization
      - Agents see new Policy Server without requiring restart
      - Support appliances that maintain web server uptime status
  - Update of internal component



## – r6 EOS Notification (Apr 10)

### - Key Dates

- Up to end of **June 2010**: accepting cert requests on r6
- After **June 2010**: not accepting cert requests on r6
- To end of **Mar 2011**: delivery of accepted r6 cert requests
- From **Mar 2011 to Mar 2012**: continue to fix bugs on r6
- Apr. **2012 to June 2013**: basic extended support
- End of **June 2013**: r6 is EOS'd

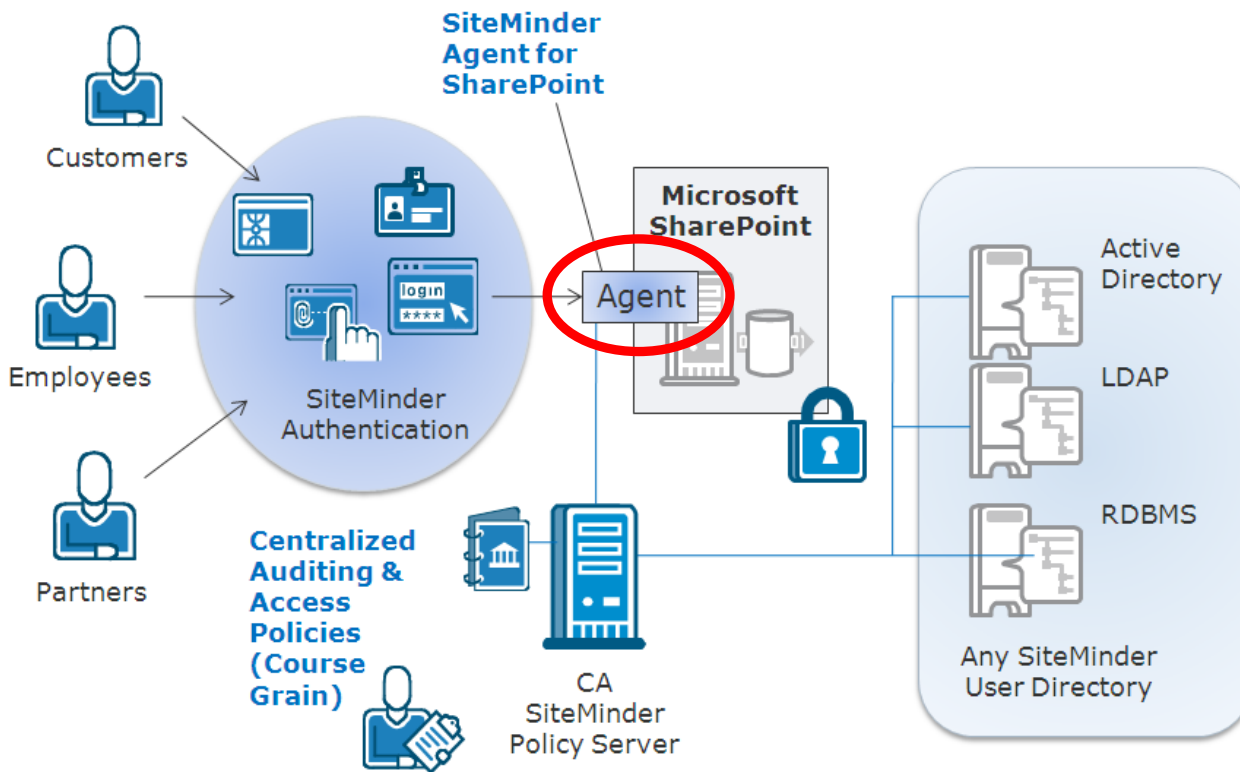
### - Upgrade support

- r12 Upgrade Guide
- CA Services offerings
- CA Support 'Upgrade Area' will offer customer self-service:

[https://support.ca.com/irj/portal/anonymous/phpdocs?filePath=7/5262/5262\\_r120sp2\\_updatemainpage.html](https://support.ca.com/irj/portal/anonymous/phpdocs?filePath=7/5262/5262_r120sp2_updatemainpage.html)

# recent releases – CA SiteMinder Agent for SharePoint (Feb)

Security



Extend agent benefits on SharePoint:

- Single Sign-on
- Centralized auditing
- Access policies
- Password policies

Use SiteMinder resources with SharePoint:

- User repositories
- Authentication methods

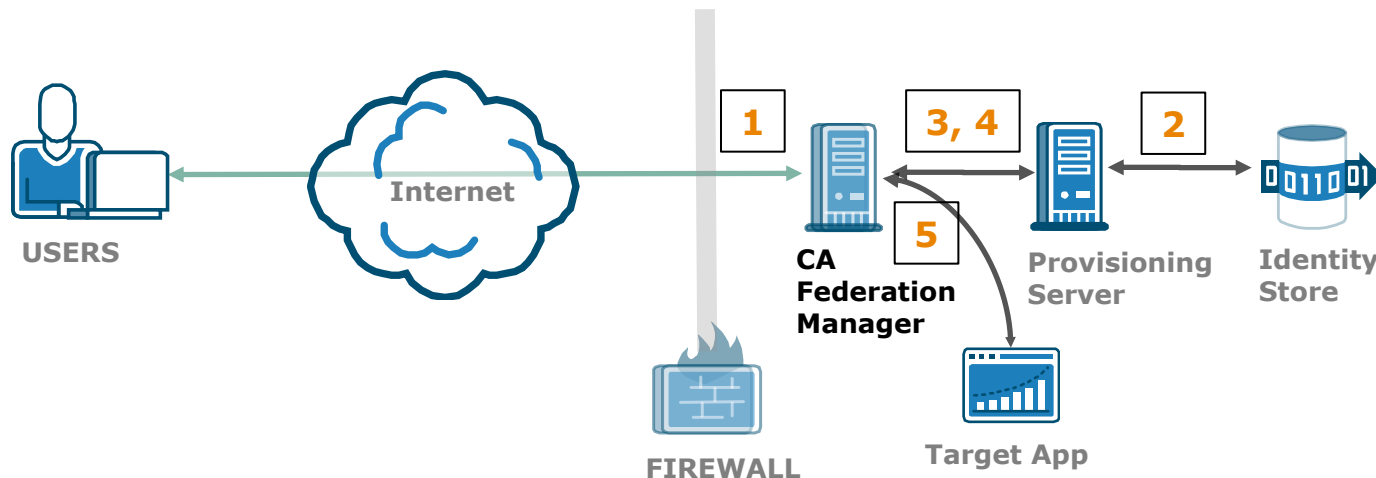
Preserve SharePoint user experience:

- Client integration
- People picker



## – Simplifying partnership management

- Support multiple IdP's by mapping attributes
- Support just-in-time user provisioning across domains



1. Assertion is accepted, but user not found
2. Information is passed to provisioning server and user is provisioned.
3. User is returned to Federation Manager consuming service
4. User is authenticated after being disambiguated
5. Redirected to target application

# The changing IT landscape

## – Identities and authentication

- Some you define and know: employees, contractors
- Some you will not define but will know: federated partners
- Some you may not explicitly know:



- User centric identities & claim's based authentication
- Slow in developing, but starting to see traction in G2C
  - US Gov't – Open Identity for Open Government Initiative  
[http://www.idmanagement.gov/drilldown.cfm?action=openID\\_openGOV](http://www.idmanagement.gov/drilldown.cfm?action=openID_openGOV)
  - Gov't of British Columbia in Canada  
[http://www.cio.gov.bc.ca/cio/idim/idim\\_standards\\_package/index.page](http://www.cio.gov.bc.ca/cio/idim/idim_standards_package/index.page)



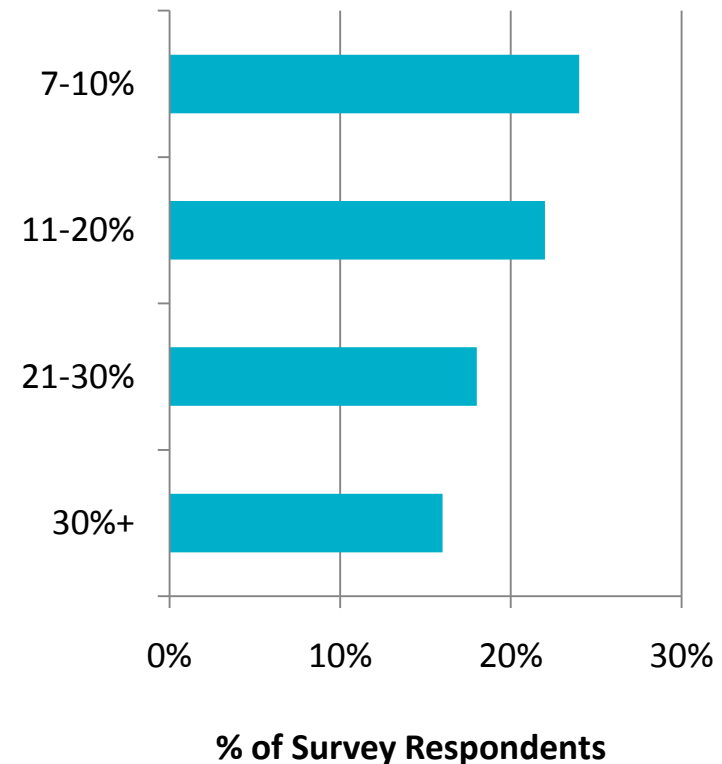
## – Authorization

- Access decision based on content of resources requested
  - Governance and compliance driven
  - Requires new “content aware” approach to authorization

## – IT infrastructure

- More and more made up of services and Cloud
  - Published market data indicates service oriented architecture penetration in large enterprises has reached 75% of these organizations

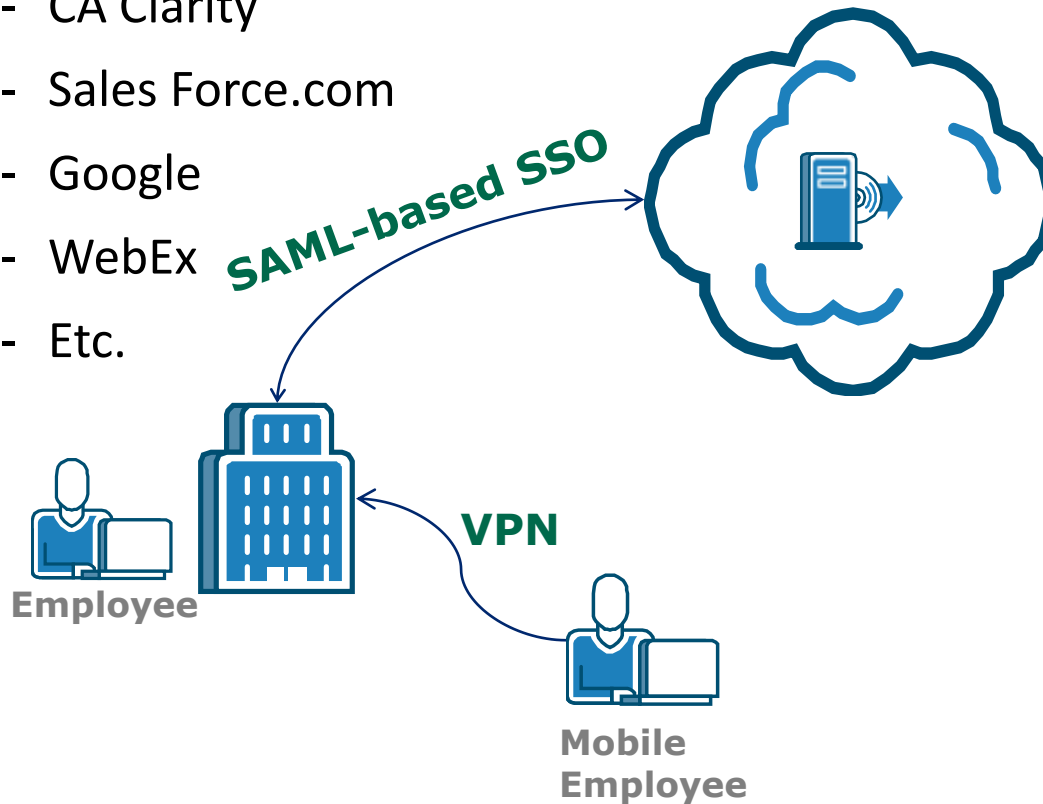
% of IT Budget Spend on Cloud Computing in 3 Years



“IT Spending On Cloud Ratcheting Up”,  
Information Week, April 5, 2010

## — Applications

- CA Clarity
- Sales Force.com
- Google
- WebEx
- Etc.

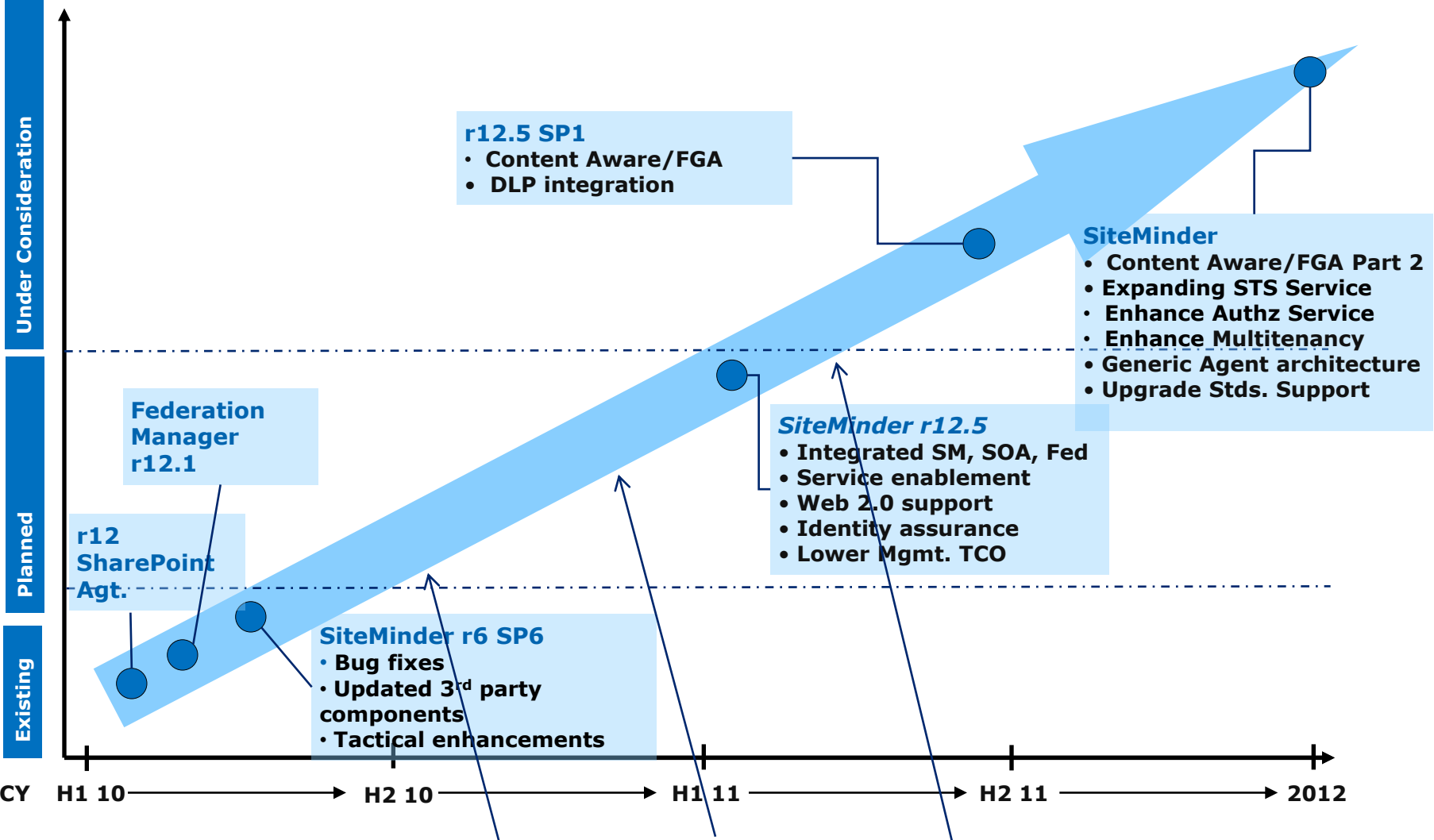


Single Sign-on to Salesforce.com  
with CA Federation Manager

TOMMY CHENG, PRINCIPAL ENGINEERING SERVICES ARCHITECT, CA  
PETER DAPKUS, FORCE.COM PRODUCT MANAGER, SALESFORCE.COM

# Mission and Roadmap

Enable organizations to confidently broaden use of the Web for efficiently transacting business, either internally, or with partners and customers, by delivering proven, auditable, and scalable security management that controls access to services, applications, and information deployed either on-premise or in the Cloud.



On going certifications and CR's with tactical enhancements





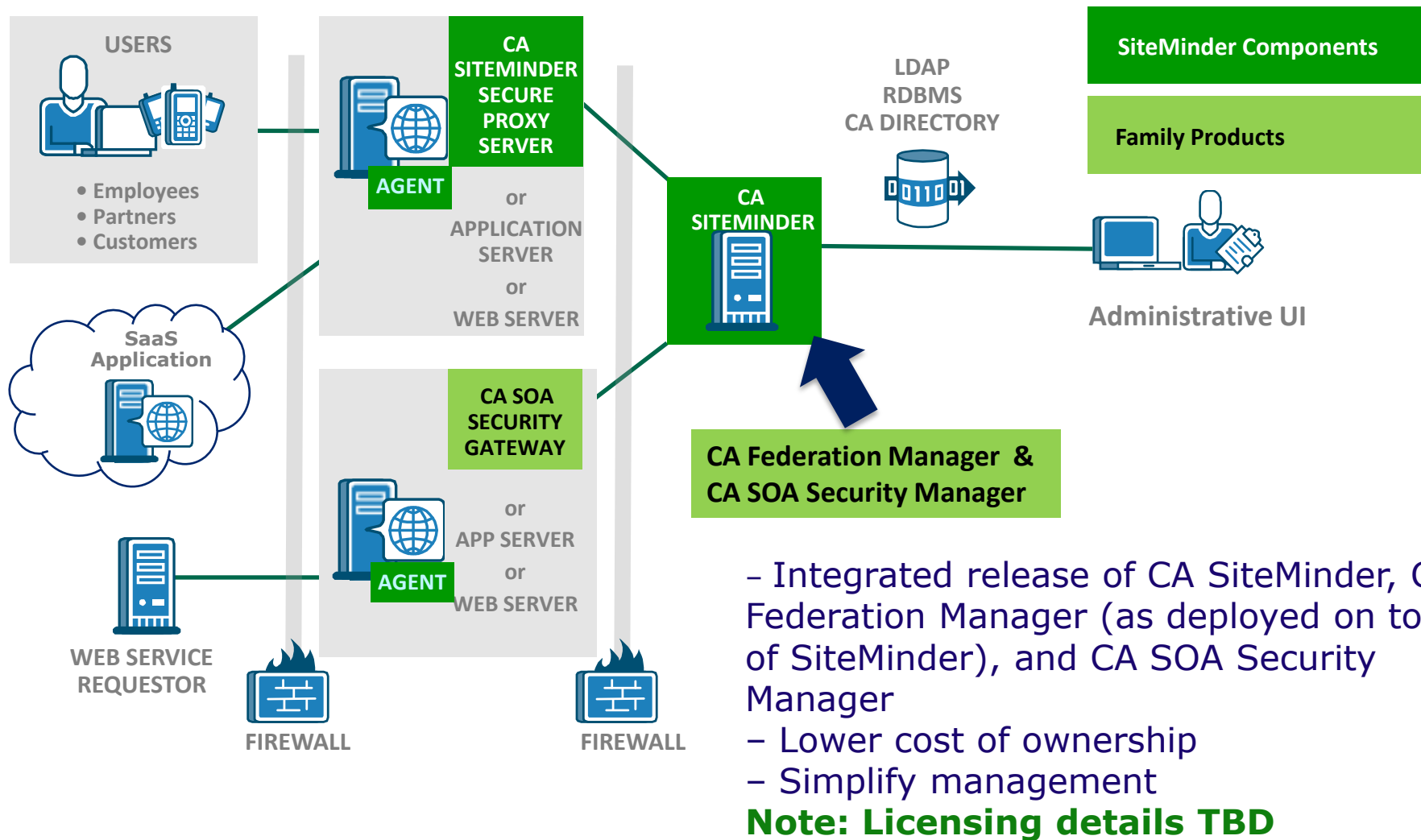
# SiteMinder 12.5

Security

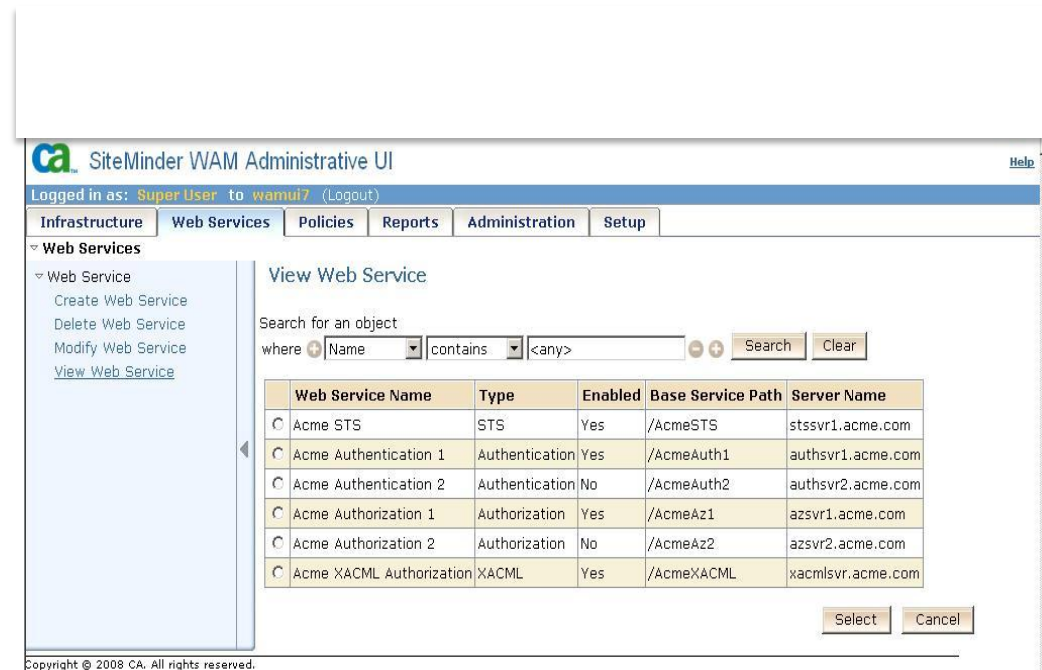
Strategic Objective	Marquee Use case	Feature
Simple complete web security solution	<ul style="list-style-type: none"><li>▪ Integrated solution to deploy and manage</li></ul>	<ul style="list-style-type: none"><li>▪ Integrated installation of SiteMinder, Federation Manager, SOA Security Mgr</li><li>▪ Single integrated administrative UI</li></ul>
Service enabled web access platform	<ul style="list-style-type: none"><li>▪ Support service architectures for simpler integration/reuse</li></ul>	<ul style="list-style-type: none"><li>▪ Web service interfaces</li><li>▪ XACML request/response</li><li>▪ Central STS</li><li>▪ WSDL for service definitions</li></ul>
Secure Next Generation Web Applications	<ul style="list-style-type: none"><li>▪ Enhanced access management for the Web/Id 2.0 world</li></ul>	<ul style="list-style-type: none"><li>▪ Support for web 2.0 applications build in Ajax, Adobe Flex, Microsoft Silverlight</li><li>▪ eGov 1.5</li><li>▪ Highly scalable session store</li></ul>
Secure Next Generation Web Applications	<ul style="list-style-type: none"><li>▪ Greater identity assurance during access decisions</li></ul>	<ul style="list-style-type: none"><li>▪ Support risk factors as authentication and access decision</li><li>▪ Maintain factors in session store</li></ul>
Reduce TCO	<ul style="list-style-type: none"><li>▪ Simplifying solution management</li></ul>	<ul style="list-style-type: none"><li>▪ Agent discovery</li><li>▪ Object correlation</li><li>▪ Extend Admin UI for moving policies from dev. to production environments</li><li>▪ Ability to add PS without having to reboot SM agents</li></ul>

# SiteMinder Product Family At 12.5

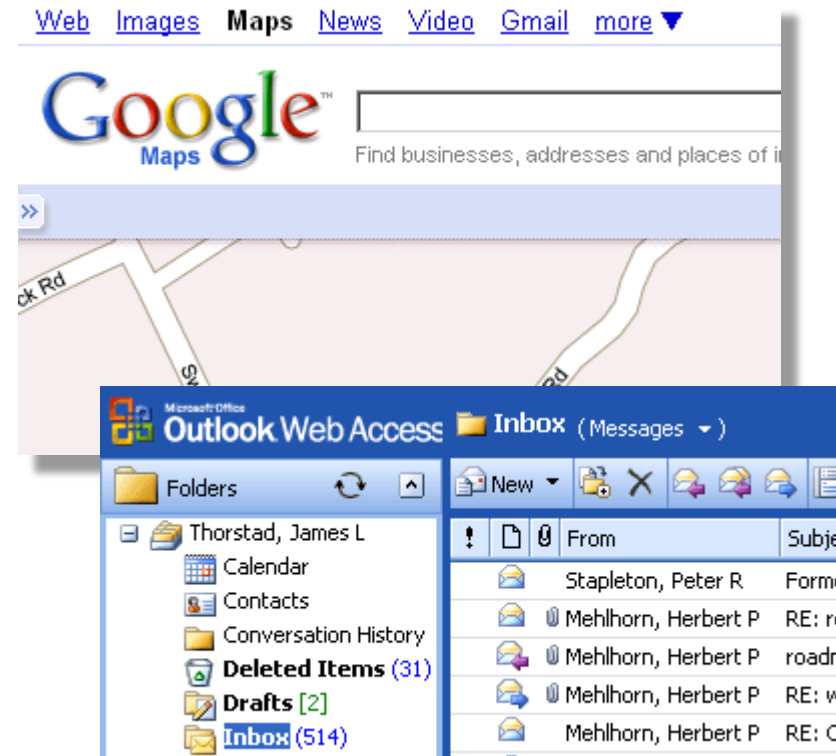
Security



- Authentication
  - Authentication against SiteMinder auth schemes and custom auth schemes
- Authorization
  - authorize a user to get access to a specific resource/URI
  - Support for XACML 2.0 Request/Response to authorize a user to get access to set of resources/URIs
- Policy Management
  - SOAP-RPC based web services operations for all policy administration tasks
- STS
  - WS-Trust 1.3

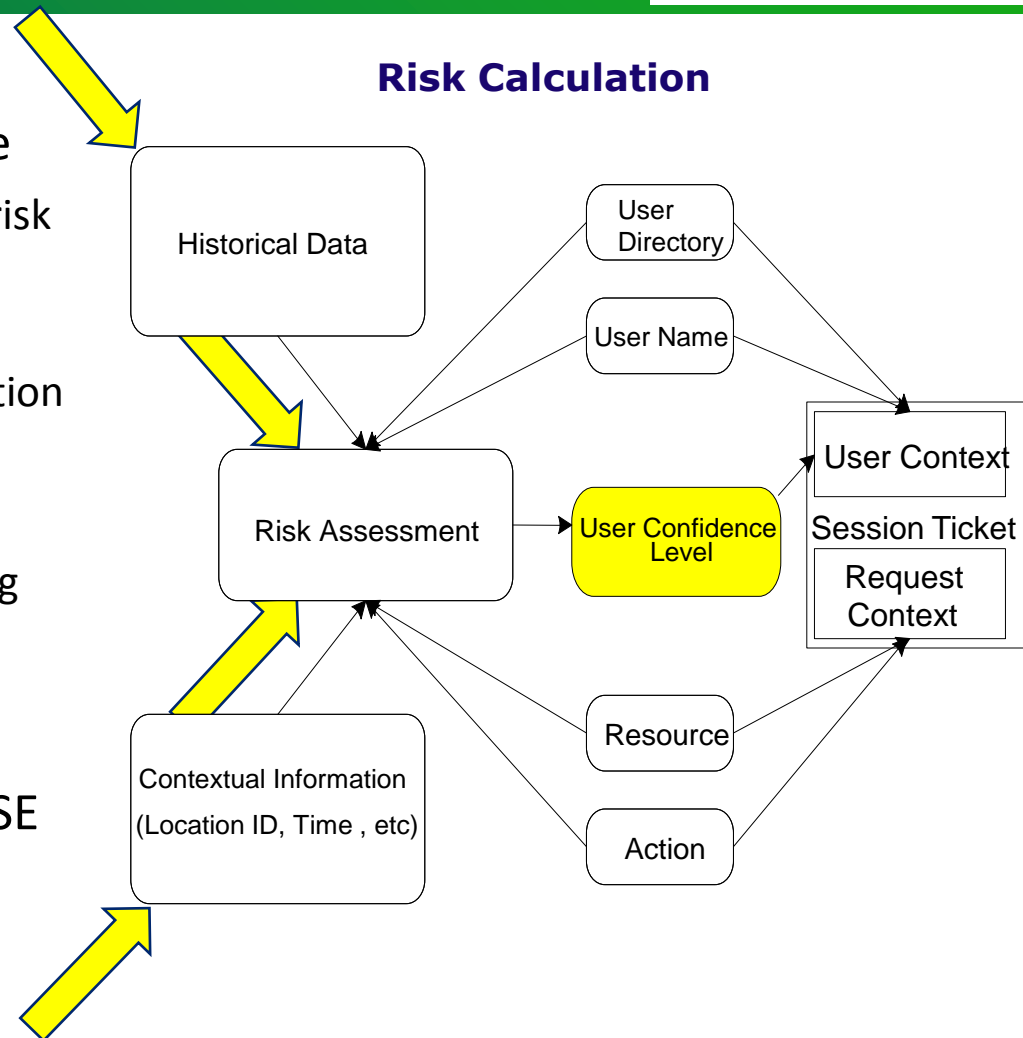


- New Capabilities to Support Web 2.0 Applications (e.g., AJAX, Silverlight...)
- New ACO Settings Make it Possible To
  - Overlook heartbeat requests to support the spirit of the SiteMinder idle timeout
  - Ignore uninteresting requests to minimize auditing load
  - Provide a customizable response to the application so it can handle authentication (status code and body)



- Support authentication risk score
  - Introduce option of authentication risk into policy decisions
    - Accept an externally defined risk score (integer) during authentication
    - Carry risk score in SiteMinder session ticket
    - Possible to utilize risk score during policy evaluation
- OOTB Support for Arcot RiskFort
- Internal API's Available to CA's GSE and Services Teams
  - In support of customer custom integration requirements

## Risk Calculation



# agent discovery & object correlation

Security

- What's Connected to the SiteMinder System?
- What policies and settings are associated with this agent instance?

Logged in as: Jim Thorstad to 12.0.1.2 on thoja13-ps12 (Logout)

Infrastructure Policies Reports Administration Setup

Agents Authentication Directory Hosts

### Agent Instances

**Filter Instances**

Search For: Host Name = <ANY> Go

**Instance List**

Select and: [Delete Instance Data](#) 1-6 of 18 >>

<input type="checkbox"/>	Host Name	Type	SubType	Version	State	Trusted Host
<input type="checkbox"/>	hemlock	Web Agent	Apache 2.2	12.0.1.5		Trust-1
<input type="checkbox"/>	hemlock	Web Agent	IIS 6	6.0.5.34		Trust-1
<input type="checkbox"/>	hemlock	Web Agent	IIS 5	6.0.5.1		Trust-2
<input type="checkbox"/>	hemlock	ERP	Unknown	Unknown		Trust-3
<input type="checkbox"/>	hemlock	Web Agent	Apache 2.2	12.5.0.0		Trust-1
<input type="checkbox"/>	cedar	Web Agent	IIS 7	12.5.0.0		Trust-2

**Instance Details for hemlock/Web Agent/Apache 2.2**

Instance Host Policy Associations Agent Associations

**Policy Association Details**

Show: [Names](#) Resource Filters 1-3 of 3

Domain	Policy	Agent   Group	Realm	Rule	Auth Scheme	User Dir
Finance	Access Policy	Finance	/finance	/*	Forms	Corporate Users
HR	Standard Policy	HR Apps: Agent 7	/hr	/benefits /selfapp	Basic	Corporate Users
HR	Manager Policy	HR Apps: Agent 21	/hr	/benefits /selfapp /perfmam	Basic	Corporate Users

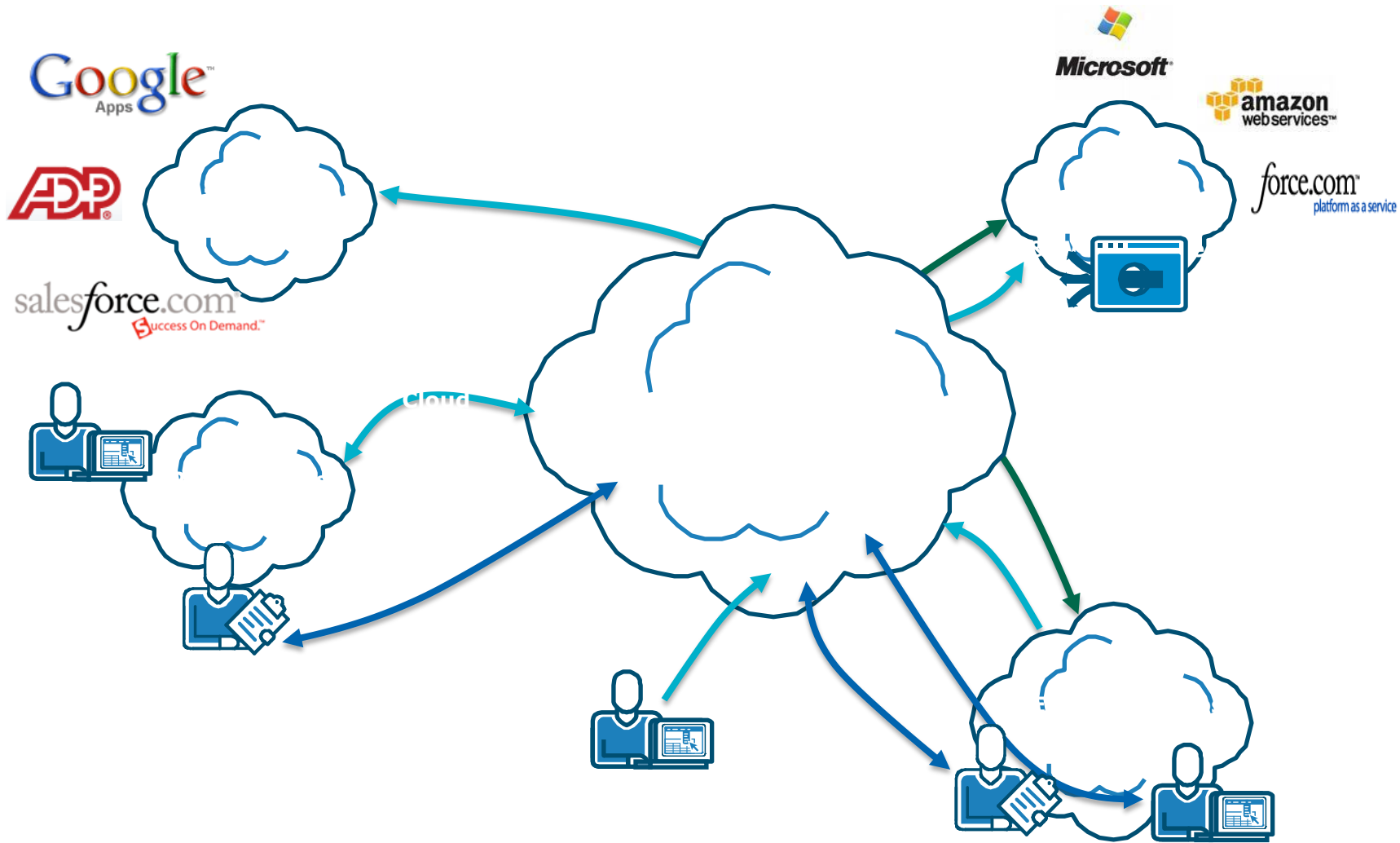
- High performance session service based on DxGrid
  - Alternative to SQL Server replication or Oracle RAC for SiteMinder session store
- Export/Import Changes from within Administrative UI
  - Simplifies policy migrations
- Expanded Options for Directory Mapping
  - Improve ability to integrate multiple repositories
- Directory Provider Enhancements
  - Improved delivery of messages from directory during auth or password change
- One View Monitor Moved into Administration UI server
  - Simplify management

# Cloud and Project Voyager

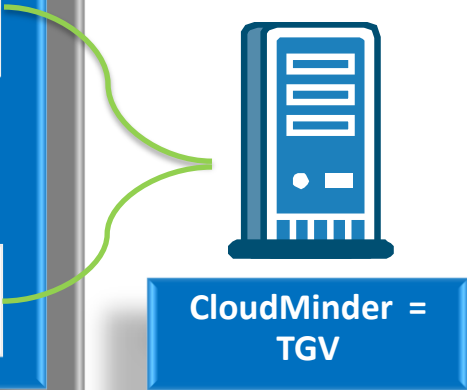
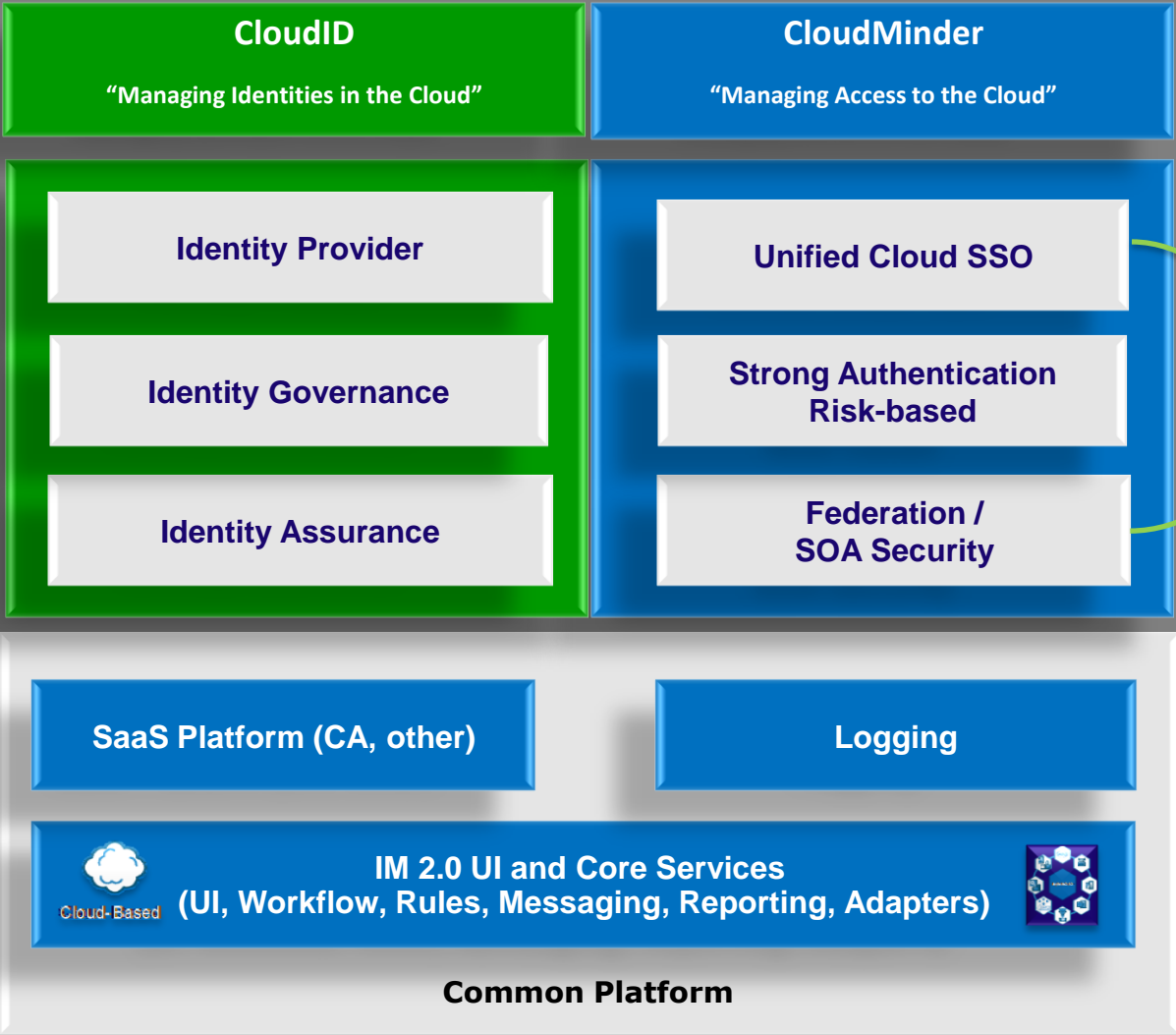


## Security

## Security



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- Voyager will demonstrate the following capabilities
  - IAM as a Service
    - **Federate and provision enterprise identities** to SaaS Applications(SFDC, GoogleApps)
    - **Enterprise Partner Identity Management** with SSO to enterprise resources
    - Partner **Identity Certification**
    - Increased **Identity Assurance** and **Strong Authentication** for reduced risk to SaaS or enterprise resources
  - Enabling MSPs to deliver Cloud Services
    - Centralized tenant management
    - Centralized **tenant auditing and reporting**
    - Segregated **Audit** model for both MSP's and their tenants
  - Enabling the Enterprise to consume Cloud Services
    - **Federate and provision enterprise identities** to SaaS Applications(SFDC, GoogleApps)

# summary

## a few words to review

Security

- The CA SiteMinder product family is an industry leading access management solution
- r12.5 will deliver an integrated release of the product family
  - Reducing cost through reuse of highly scalable, automated, and centralized security management
  - Accelerating business beyond organizational boundaries via the web
  - Preparing you for the changing IT landscape



# Thank you!

## Questions?

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