

# CA SITEMINDER OVERVIEW

# Session Overview

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- Concept of application Security

2

- Requirement of Siteminder

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- Features of siteminder

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- Basic of request to access an application

# What is Siteminder

- ❑ Siteminder is a platform to secure portal, extranet and intranet applications.
- ❑ It meets key authentication, authorization, and personalization requirement for building and managing secure websites/web applications.
- ❑ It is a Web Access Management System (WAM)
- ❑ Protect and control access to enterprise applications
- ❑ Records user and administrator activities
- ❑ Facilitates a seamless Single Sign-On (SSO) experience for employees , partners and customers

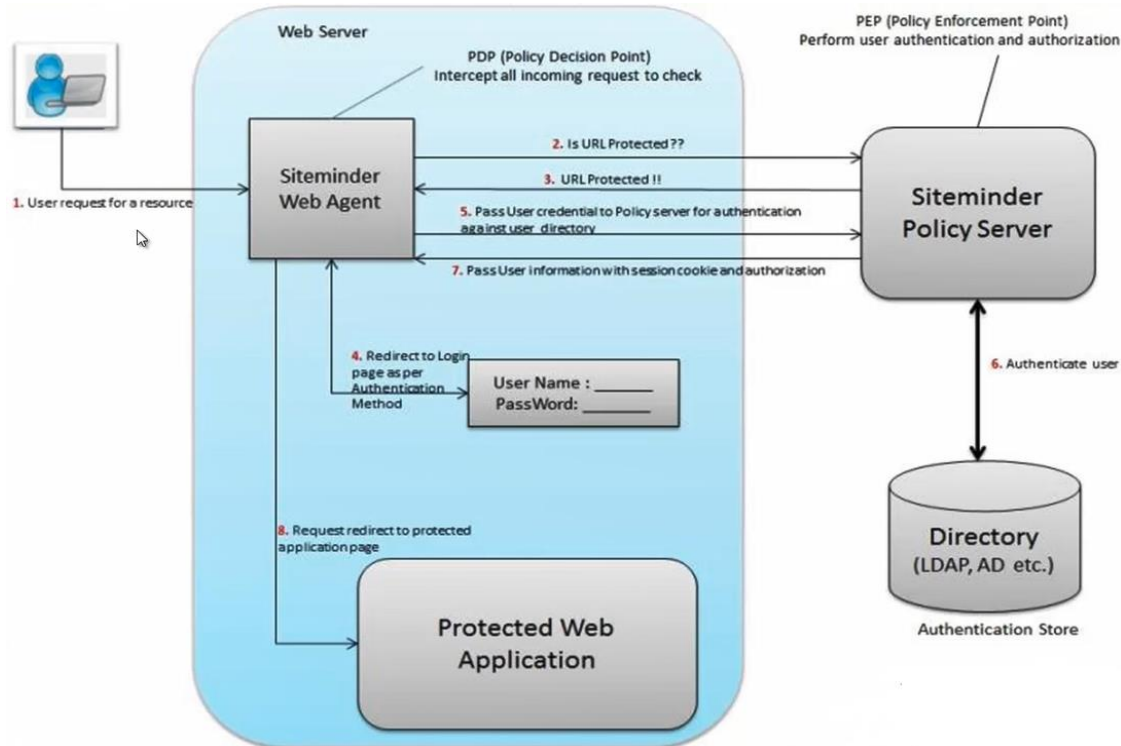
# Security & Siteminder

- Security Issues faced by web business:
  - Securing Contents
  - Managing Users
  - Customizing user experience
  - Scaling to large and small number of user and data traffic to applications
  - Providing seamless integration between portal and sites
  - Integrating existing system with new Web based solution

# Request flow & Siteminder

- How Siteminder Works or what happens when user raises a request / access a web application
  - When a user tries to access a protected resource on a web server configured to use siteminder
  - On receiving the request on web server, it will be interrupted by siteminder web agent
  - The web agent determines whether the resource is protected or not, and if protected, then based on the policy it will gather the user's credential and passes them to the Policy server
  - The policy server authenticates the user and verifies the authorization for requested resource, based on rule and policies.
  - After the user authenticated and authorized, siteminder grant access to protected resources.

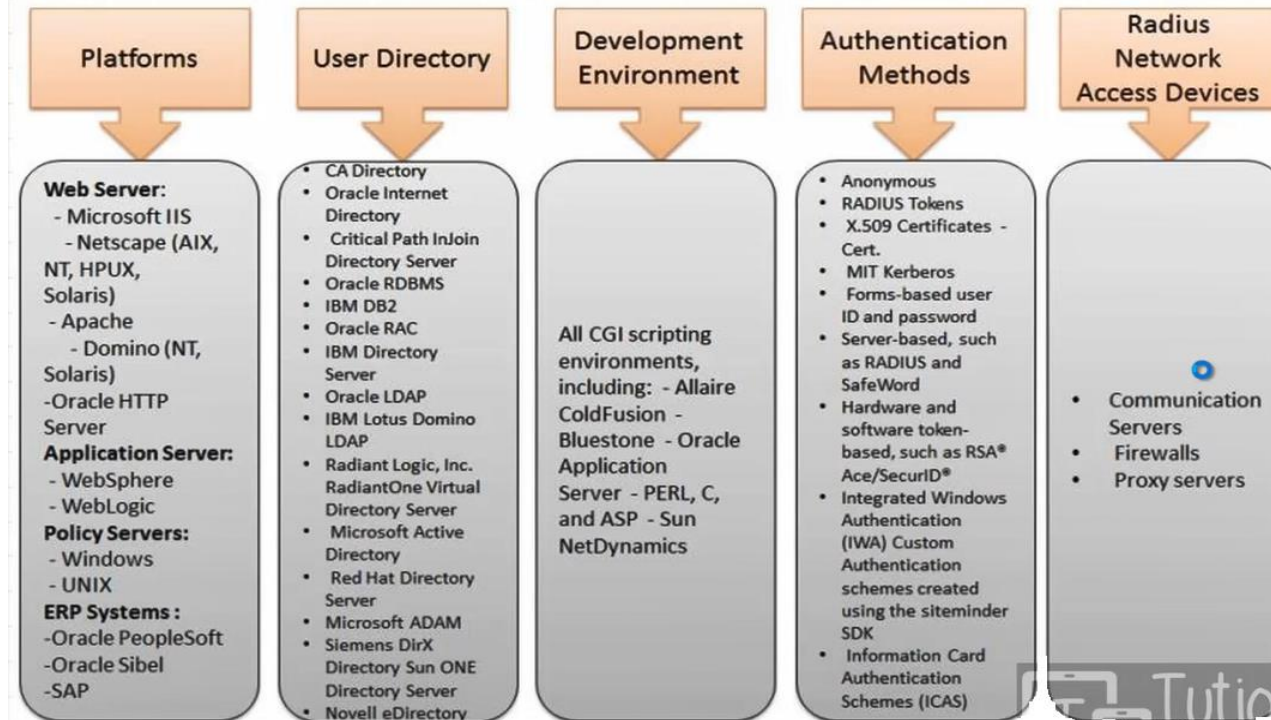
# Request flow & Siteminder - Diagram



# Why Siteminder

- ❑ Leader in Access Management as per Gartner/Forrester Wave reports
- ❑ Operates across multiple server platforms
- ❑ Centralize control of user access privileges
- ❑ Easy to deploy with less infrastructure
- ❑ Deliver an improved user experience
- ❑ Leverage existing directory servers
- ❑ Provide delegated administration
- ❑ Easy to implement for large and small scale industry
- ❑ Centralized security management
- ❑ Provide Policy-Based Security:- Security code is removed from applications and put into WAM rules and policies
- ❑ CA Siteminder shifts responsibility for security from application developers to WAM administrators

# Integrated Environment





# Features of siteminder

- ❑ Provide seamless SSO between application (single domain / cross domain)
- ❑ Centralized control of user access
- ❑ Policy based user access control
- ❑ Authentication and Authorization service
- ❑ Password management
- ❑ Auditing service
- ❑ Advance authentication method (SPML, Open ID, OAuth ...)
- ❑ Federation Service
- ❑ Centralized administration of policies

# About CA SiteMinder R12.52 SP2

- ❑ In this course we are going to learn about siteminder **R12.52 SP2**
- ❑ Advance features covered are:
  - ❑ Internationalization & two factor authentication
  - ❑ Support for user directories that contain user with non-English distinguished names
  - ❑ Support for non-English operating systems
  - ❑ Support for non-English character in user names, policy, and configuration objects.
  - ❑ Password policy for a sub set user/s of a group
  - ❑ OAuth authentication scheme is now available from the Policy Server.
  - ❑ For Sensitive applications, we can configure to re-authentication again while granting the access
  - ❑ SPML Log Data Enhanced
  - ❑ NTLM authentication Scheme replaced by windows authentication scheme

