Sales force Development

salesforce global strategic consulting partner

Lesson 3: Building Applications on Force.com

OurUniversity EFMD CLIP ACCREDITED

Lesson Objectives

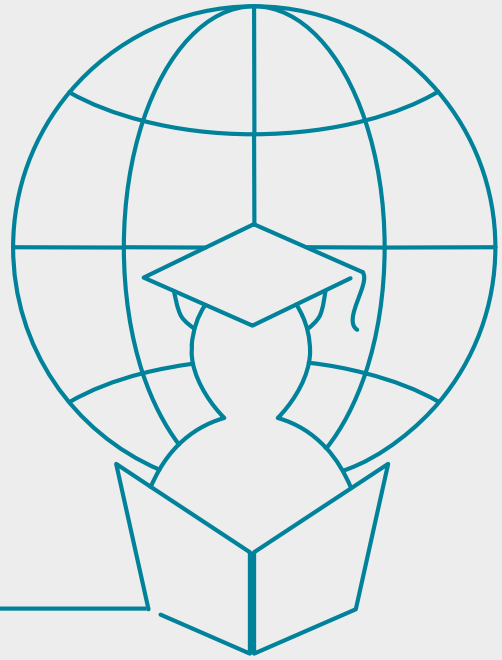
In this lesson, you will be able to:

Determine whether an application is a good fit for the Force.com platform

Describe customizations that can be made declaratively and programmatically

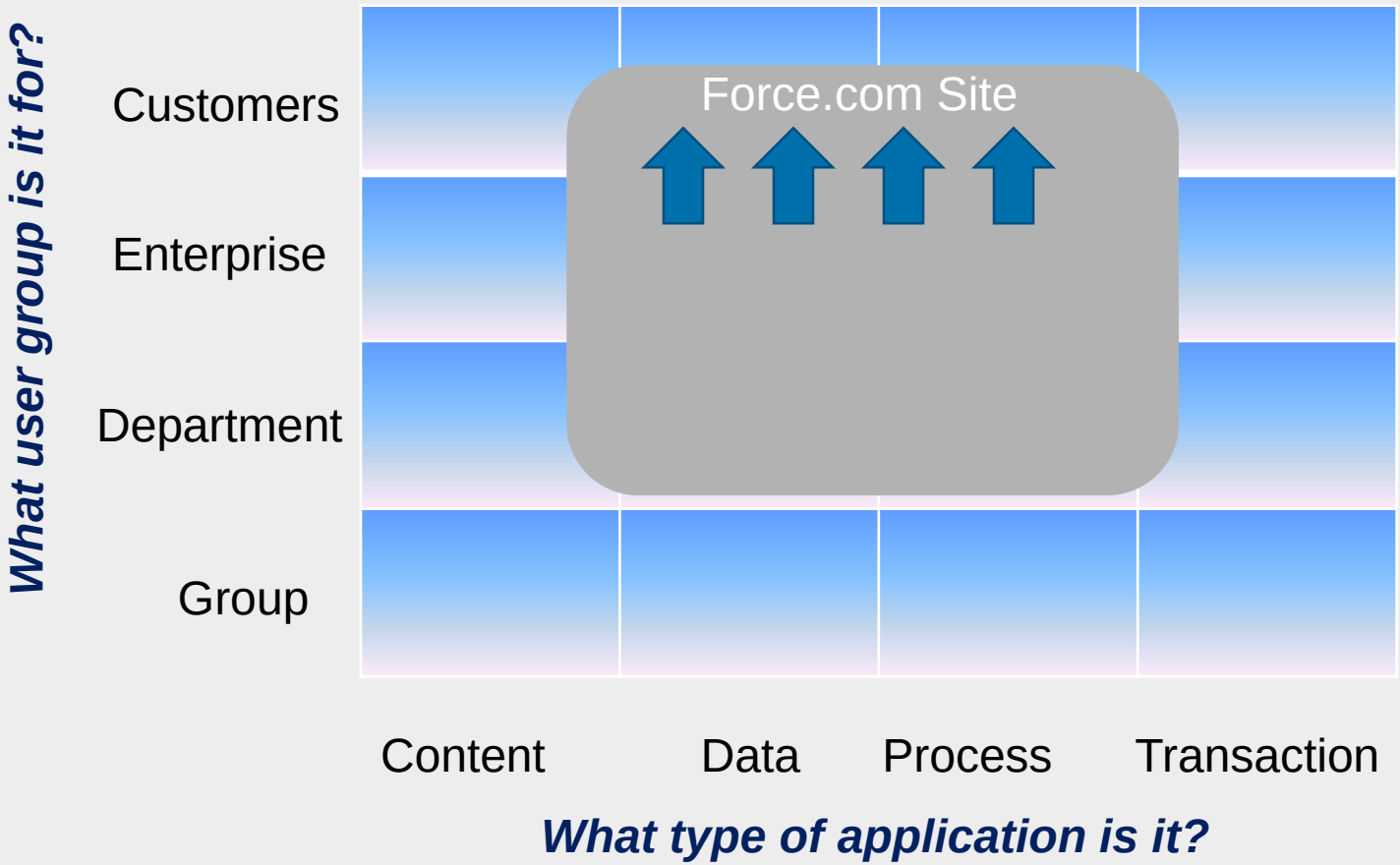
Log in securely from browser

Outline resources available for Force.com developers



Types of applications suitable for Force.com

- Data and Process Centric Applications are the Sweet Spot



3.1: Types of applications suitable for Force.com
Force.com

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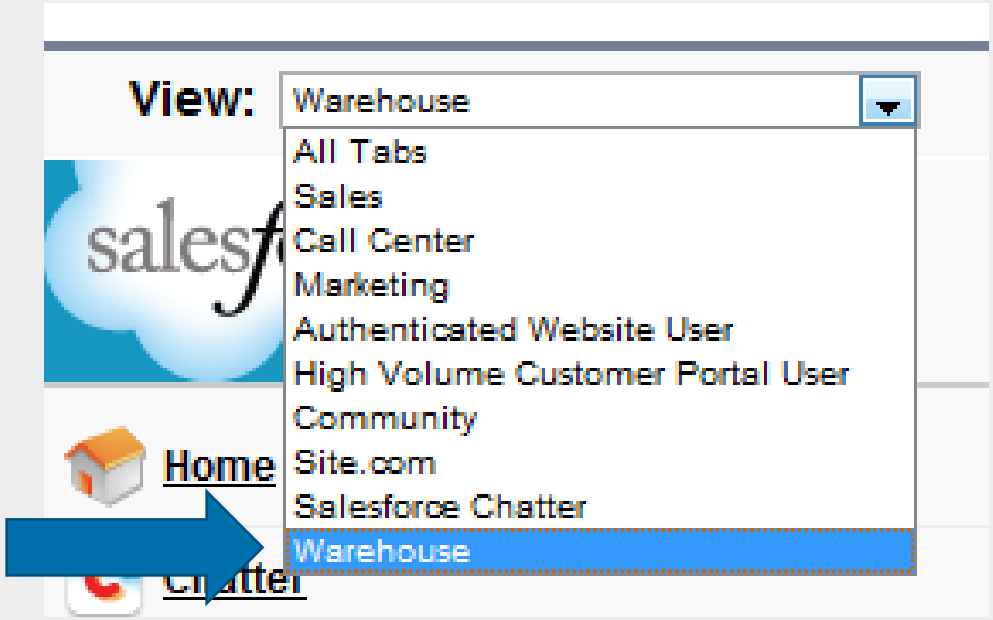
Example of Force.com



Customization in the Cloud

With Force.com, developers can customize declaratively or programmatically

- Declarative customizations can be made by point and click
- Programmatic customizations are made with code

Declarative customizations require an understanding of Force.com concepts, but no coding knowledge

Programmatic customizations require coding skills and allow developers to extend beyond the declarative Salesforce.com capabilities

Application Building Blocks (M-V-C)

Applications
Tabs
Page Layouts
Record Types

View

Force.com Pages
Web controls
Sites

Workflow
Validation Rules
Approval Processes

Controller

Force.com Page Controllers
Force.com code
Web Services API

Objects
Fields
Relationships

Model

Web Services API
Metadata API

Declarative or Programmatic: How to choose?

Most complete and robust solutions actually use a combination of declarative and programmatic solutions. Developers should understand how to develop using both declarative and programmatic features

Advantages of declarative customizations:	Advantages of programmatic customizations:
• Ease of development ✓ More visual ✓ Faster	• Can extend the capabilities of an application beyond standard functionality
• Ease of upgrades	• ISV considerations
• Ease of maintenance	
• Does not require programmatic skill set	

Identity Confirmation

Login

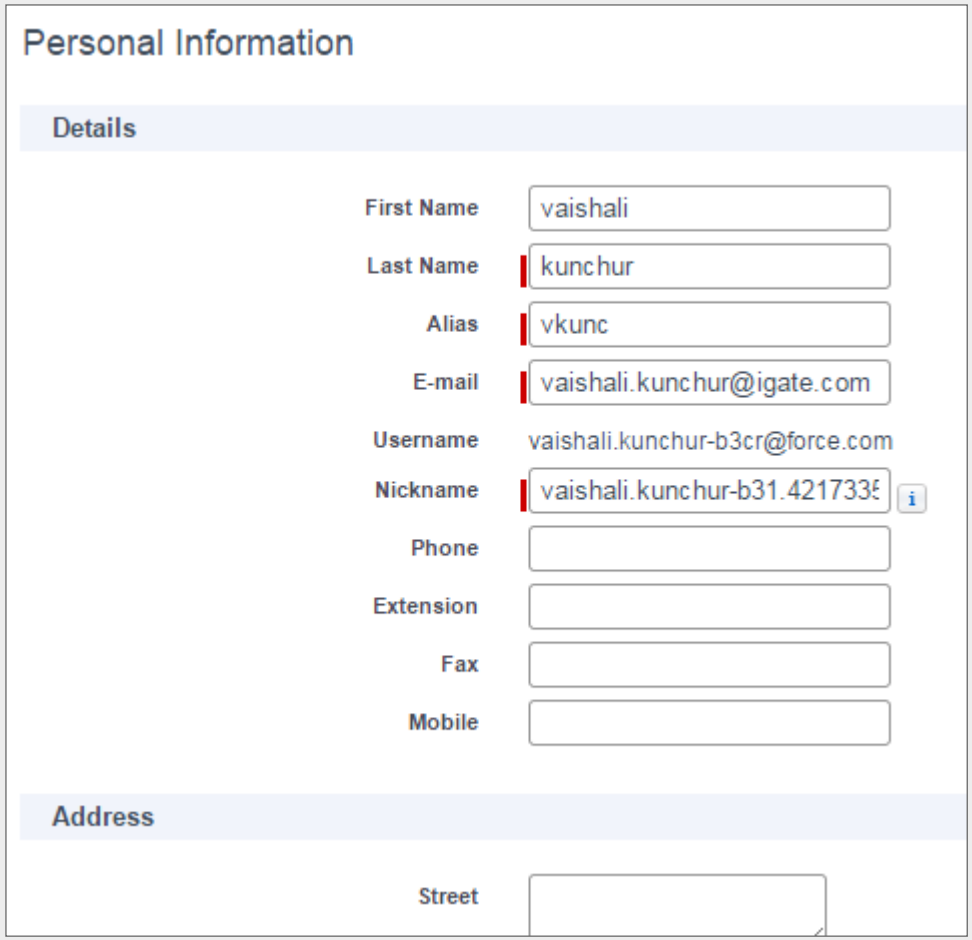
To change your email address:

Click Your Name |

My Settings |

Personal |

Personal Information



Trusted IP Range

Trusted IP Range feature provides a second level of authentication when logged in to Salesforce

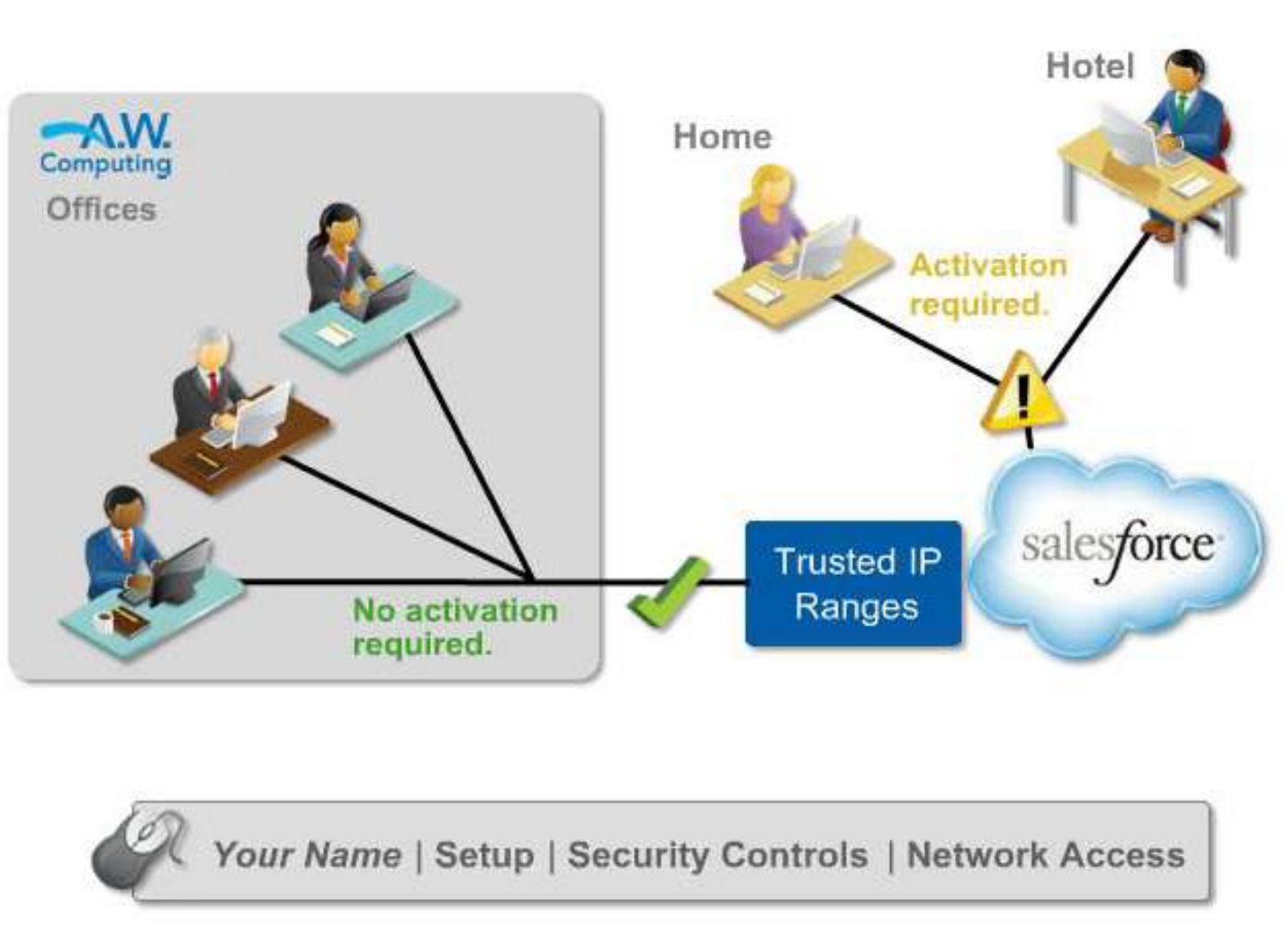
The list is pre-populated with the addresses from which a user has historically logged in

- All IP adddresses known to be associated with Salesforce are included (eg. 204.14.238.1 – 204.14.239.254)
- All IP addresses known to be have been used by phishers are filtered out

This feature is automatically enabled if IP range Restrictions are not being provided

- Option 1: Add Trusted IP Ranges for your entire org.
- Option 2: Add Trusted IP Ranges on a profile basis

Trusted IP Range



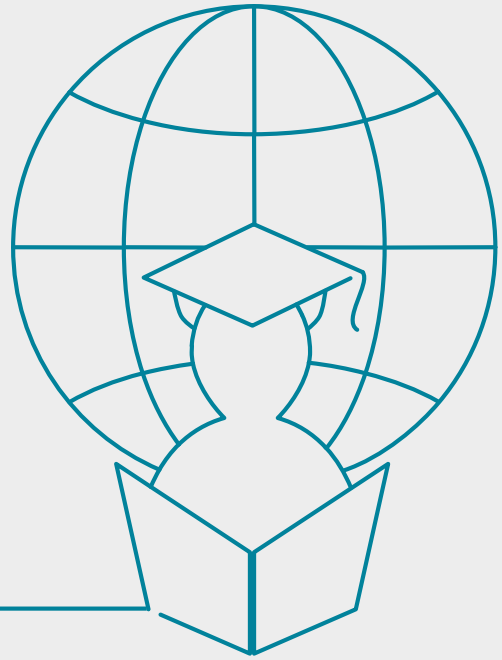
Force.com Resources

www.salesforce.com/training
http://developer.force.com

- Tools & docs
- Books
- Code Share
- Discussion Boards/Blogs/Wiki

Summary

In this lesson, you have learnt:
Types of applications suitable for Force.com
Customization in the cloud
Identity Confirmation
Force.com resources



Review Question

- **Question 1:**

  What is the use of Trusted IP Range?

- **Question 2:**

  What is MVC? How is it implied in Salesforce Development?

- **Question 3:**

  What are the advantages of Declarative development?