



Cisco Expo
2008

Cisco NAC Guest Server

Enhanced Guest Management
for NAC Appliance and Cisco
Wireless LAN Controllers



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Agenda

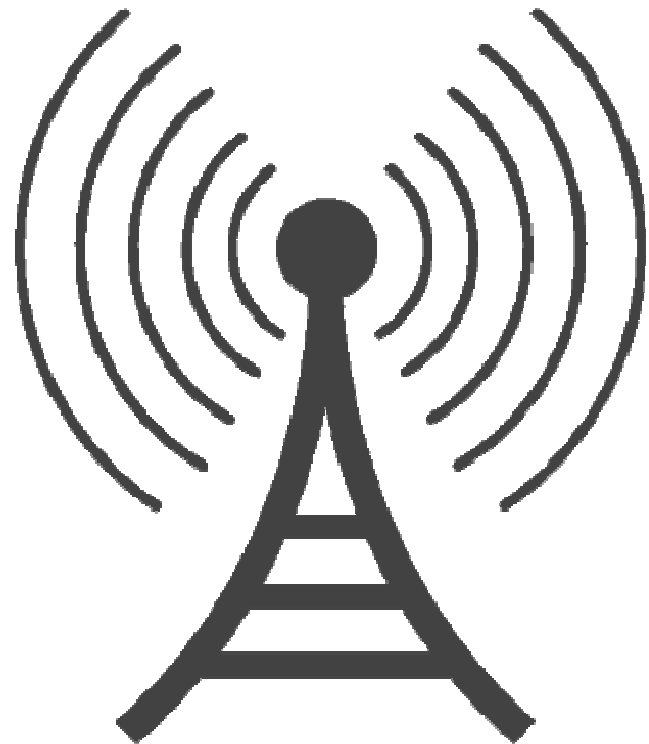
- ➔ 1 The “Business Case” For Secure Guest Access
- 2 Cisco NAC Guest Server Overview
- 3 Deployment Options
- 4 Summary & Additional Resources



The Enterprise Hotspot

Enterprises are the most important hotspot destination for business partners in a connected world.

1. Provide network access to visitors
2. Presents a professional and secure access to visitors
3. Enable improved productivity from vendors and contractors
4. Strengthen collaboration between employees and partners



 Provide Guest Access in a seamless, secure manner

Guest Access Considerations

Ease of use

Provisioning of user accounts
Receptionist, help desk, any user

Integration with network infrastructure

Reduce infrastructure upgrades
Avoid parallel network infrastructure

Auditing and accountability

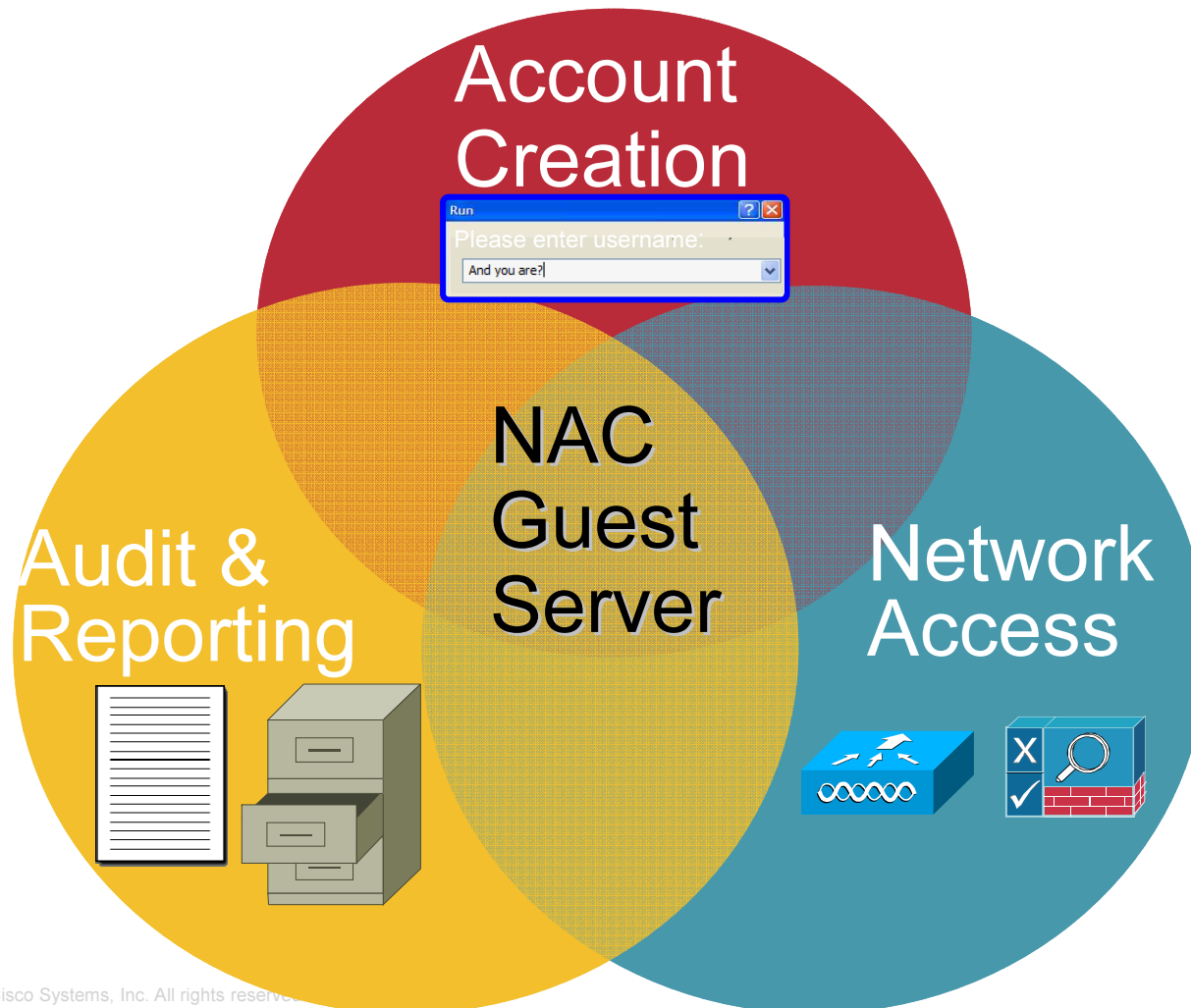
Know who is doing what
Know who created which account

Cost

Cost of implementation
Cost of ongoing management

Delivering Guest Access

Cisco NAC Guest Server **Unites** guest access functions

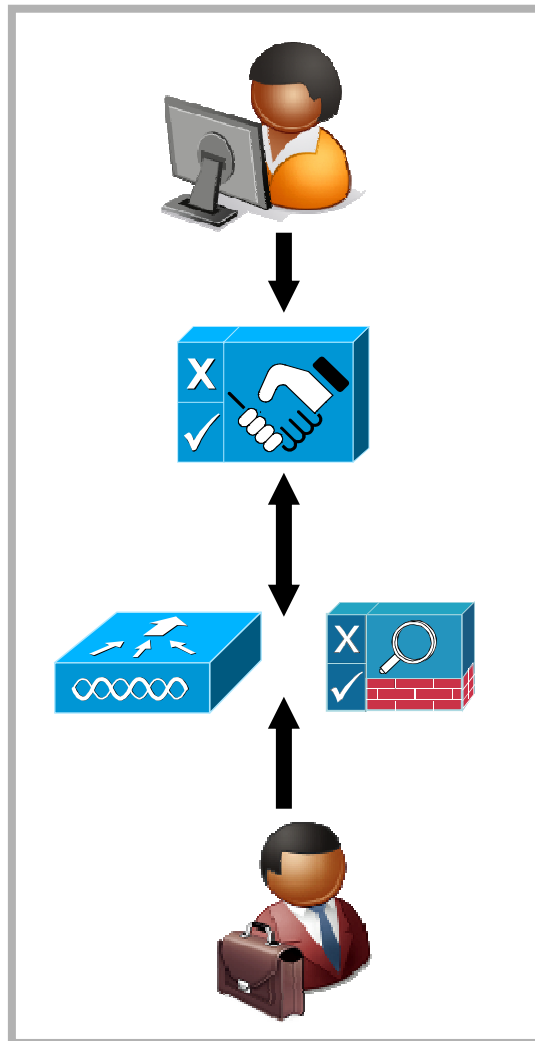


Agenda

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- ➔ 2 Cisco NAC Guest Server Overview
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Four Key Components of Guest Access



SPONSOR

The internal user who wants to be able to provide internet access to their guest

NAC GUEST SERVER

Enables sponsor to create guest account; audits; provisions account on network enforcement device

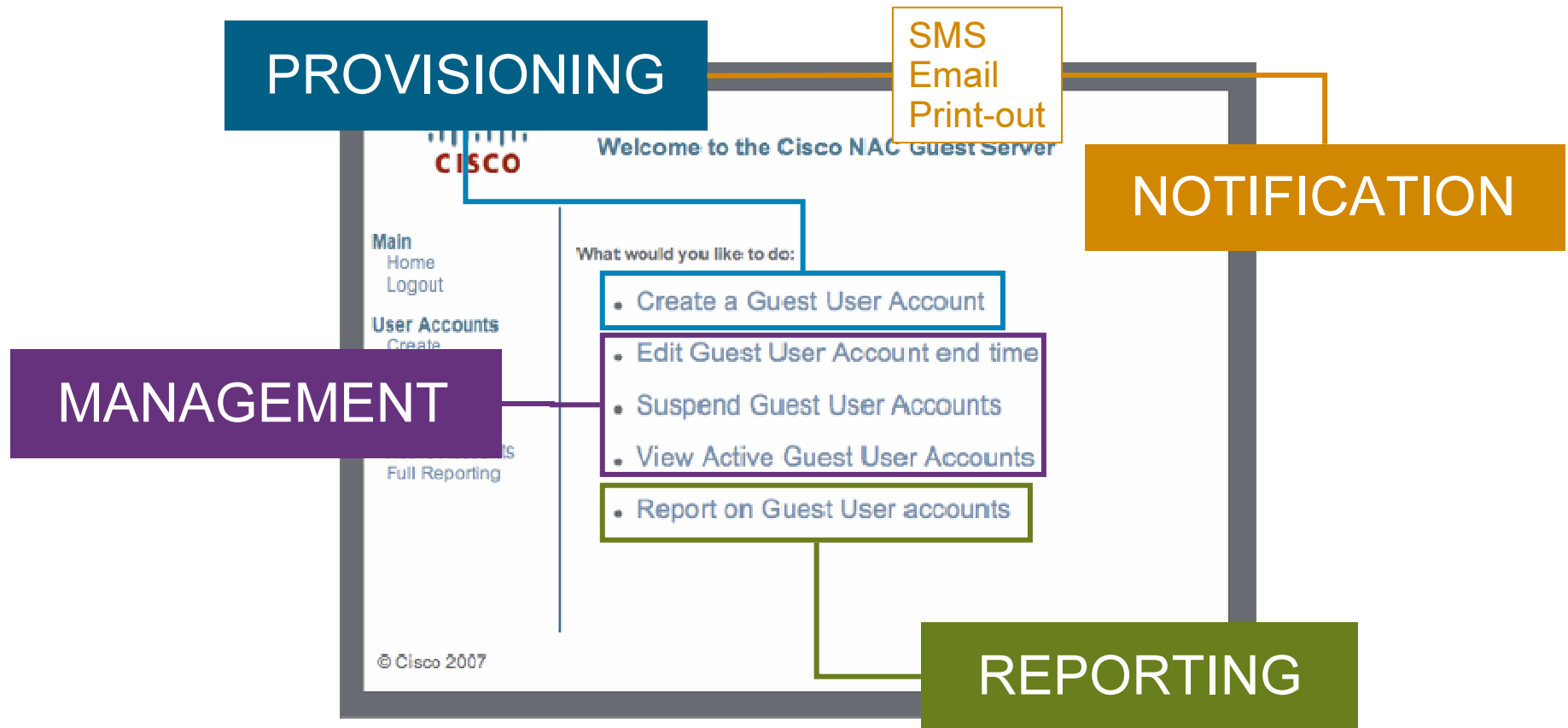
NETWORK ENFORCEMENT DEVICE

Web re-direction, authentication and provides access. Wireless LAN Controller or NAC Appliance

GUEST

The visitor who needs network access (usually internet only, but could be more)

Managing the Guest User Lifecycle



Provisioning

1. Who should create user accounts?

Receptionist/Lobby Ambassador

IT Security

Managers

Anyone

2. NAC Guest Server lets you **choose** based upon your security policy

3. Allowing **anyone** to create accounts provides increased usage and will be just as secure



- Reduced Cost
- Full Audit Trail

- Speed of access
- Ease of use

Sponsor Portal

1. Web Portal
2. Authenticate with corporate credentials
3. Local Database
4. Active Directory
5. LDAP
6. RADIUS

A screenshot of the Cisco NAC Guest Server login page. The page has a white background with a dark gray border. In the top left corner is the Cisco logo. In the top right corner, the text "Cisco NAC Guest Server" is displayed. Below this, a message says "Enter your Username and Password and then click Login." There are two input fields: "Username:" and "Password:". Below the password field is a "Login" button. In the bottom left corner, there is a small copyright notice: "© Cisco 2007".

Creating Guest Accounts

The screenshot shows the Cisco 'Create a Guest User Account' web interface. The page has a sidebar with navigation links: Main (Home, Logout), User Accounts (Create, Edit, Suspend), and Reporting (Active Accounts, Full Reporting). The main content area is titled 'Create a Guest User Account' and includes the instruction: 'Enter the guest users details below and then click Add User.'

Three numbered callouts highlight specific parts of the form:

- 1. Enter user details**: Points to the top section of the form containing text input fields for First Name (john), Last Name (smith), Company (mycompany), Email Address (john@mycompany.com), and Mobile Phone Number (+1 (US) 555-5555).
- 2. Specify start and end times**: Points to the section containing time and date pickers for Account Start Time (00:00 on 19 Sep 2007) and Account End Time (23:59 on 19 Sep 2007). A calendar widget for September 2007 is also visible.
- 3. Add user**: Points to the 'Add User' button at the bottom of the form.

Additional form elements include a Timezone dropdown set to 'America/Los_Angeles' and a 'Reset Form' button.

Guest User Account Detail Delivery

CISCO Create a Guest User Account

Username: john@mycompany.com3
Password: WCn5anO2
Account Start: 2007-9-19 00:00:00
Account End: 2007-9-19 23:59:00
Timezone: America/Los_Angeles

Print Email SMS

Enter the guest users details below and then click Add User.

© Cisco 2007

Send account information via print-out, email, or SMS

Guest User Details

To access the network, please use the following credentials:

Username	john@mycompany.com3
Password	WCn5anO2
Start Time	2007-9-19 00:00:00
Finish Time	2007-9-19 23:59:00
Timezone	%TIMEZONE%

By logging on to the network you are agreeing to the terms and conditions of the acceptable use policy.

Wired Connections
Please plug your computer into a network connection and open a web browser. You will be redirected to the network portal.

Wireless Connections
Please connect to the network with the SSID = guestnet. Then open a web browser. You will be redirected to the network portal.

Further Assistance
If you require further assistance, please contact the network operations team at 800-555-5555.

Acceptable Use Policy

1.0 Overview

InfoSec's intentions for publishing an Acceptable Use Policy are not to impose restrictions on employees, partners and the company from illegal or damaging actions by individuals, or Internet/Intranet/Extranet-related systems, including but not limited to computer equipment and FTP, and the property of it. These systems are to be used for business purposes in accordance with Human Resources policies for further details.

Effective security is a team effort involving the participation and support of every employee, computer user to know these guidelines, and to conduct their activities accordingly.

Guest User Account Details - Message (Plain Text)

Reply Reply to All Forward

File Edit View Insert Format Tools Actions Help

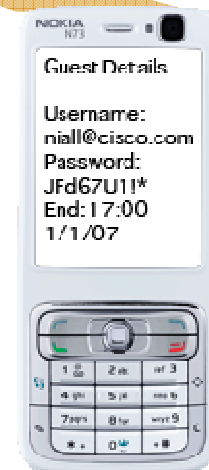
This message has extra line breaks.

From: guest-access-portal Sent: Tue 13/03/2007 14:07
Subject: Guest User Account Details

The following guest user account has been created for you

Username: cs000013
Password: EACVNEXP
Valid From: 2007-03-13 00:00:00
Valid To: 2007-03-13 23:59:00

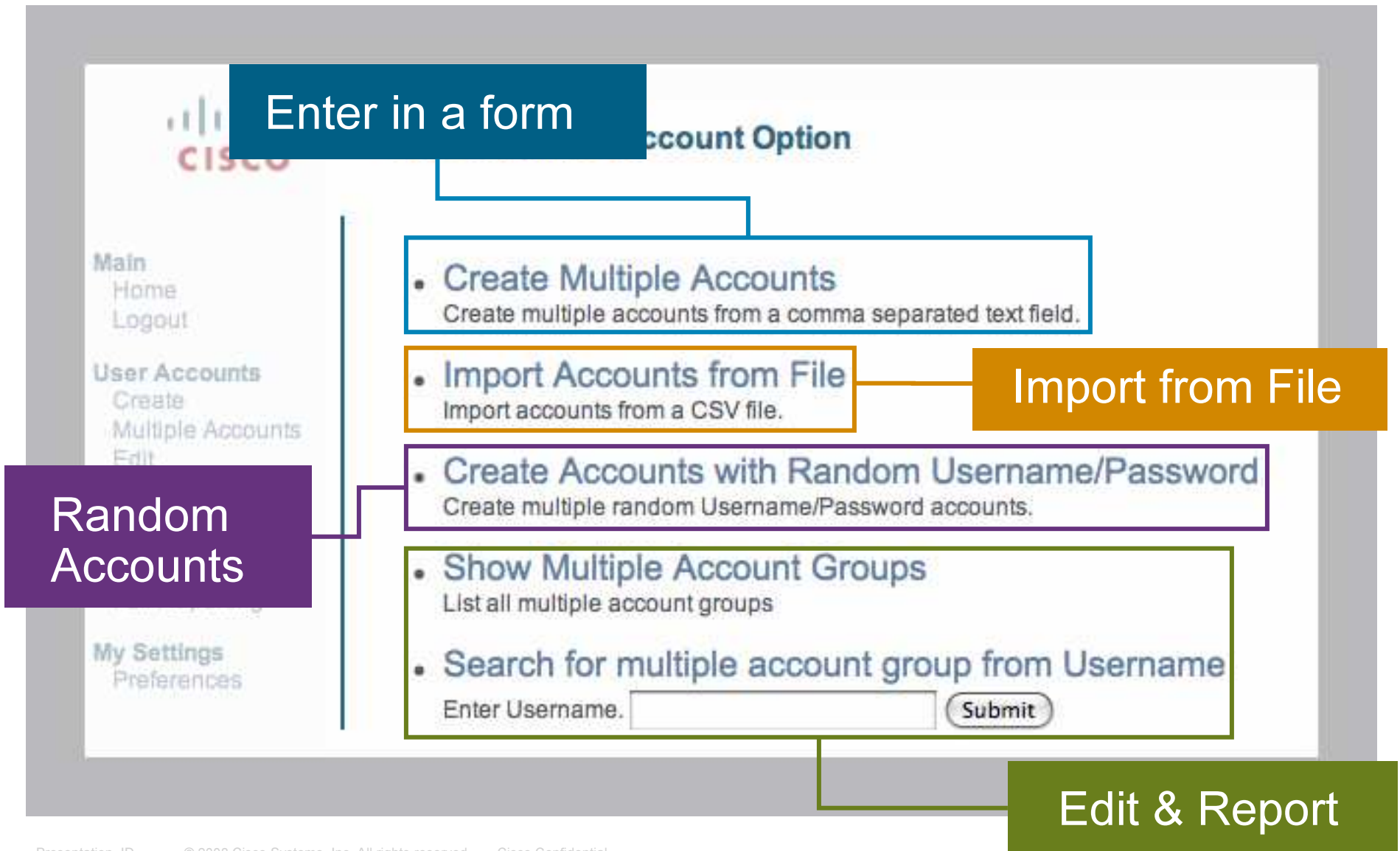
To access the network you must agree to the AUP



NAC Guest Server Multiple Account Creation



Multiple Account Creation



Multiple Accounts – Form Entry

1. Enter user details

Input is comma separated text in the format:
First Name:,Last Name:,Company:,Email Address:,Country Code,Mobile Phone Number:



Account Start

Time 00 : 00

Date 23 Feb 2008

Account End

Time 23 : 59

Date 23 Feb 2008

Timezone America/Los_Angeles

2. Specify start and end times

Mobile phone country codes and Account timezone information will be taken from your preferences settings.

Create Bulk Accounts

Reset

3. Create Multiple Accounts

Multiple Accounts – File Import

1. Select CSV File

Download CSV Template File

Input is comma separated text in the format:
First Name:,Last Name:,Company:,Email Address:,Country Code:,Mobile Phone Number:

Select CSV File no file selected

Account Start
Time :
Date

Account End
Time :
Date

Timezone

2. Specify start and end times

3. Create Multiple Accounts

Multiple Accounts – Random Accounts

1. Enter amount of accounts to create

Number of accounts required

Account Start
Time :
Date

Account End
Time :
Date

Timezone

2. Specify start and end times

3. Create Multiple Accounts

Multiple Accounts - Management

All Accounts

Print All Email All SMS All

Created By	Username	Password	Full Name	
niall	ddennett@cisco.com	buCkhZ82	Full Name: dave dennett Company: cisco Email: ddennett@cisco.com	Edit Print Email SMS
niall	dufonsec@cisco.com	Ta7zxE8q	Full Name: duarte fonseca Company: cisco Email: dufonsec@cisco.com	Edit Print Email SMS
niall	majones3@cisco.com	WI7nj3IL	Full Name: mark jones Company: cisco Email: majones3@cisco.com	Edit Print Email SMS
niall	gghayur@cisco.com	vmhb14jk	Full Name: syed ghayur Company: cisco Email: gghayur@cisco.com	Edit Print Email SMS
niall	alok@cisco.com	oiSNP28Y	Full Name: alok agrawal Company: cisco Email: alok@cisco.com	Edit Print Email SMS
niall	prem@cisco.com	TPpcZ98t	Full Name: prem anan Company: cisco Email: prem@cisco.com	Edit Print Email SMS
niall	jburke@cisco.com	BhLu9oo8	Full Name: jimmy burke Company: cisco Email: jburke@cisco.com	Edit Print Email SMS
niall	boconnell@cisco.com	m0nALIT8	Full Name: brendan oconnell Company: cisco Email: boconnell@cisco.com	Edit Print Email SMS

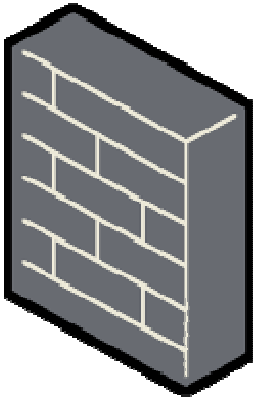
Individual Accounts

Agenda

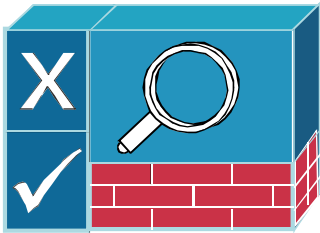
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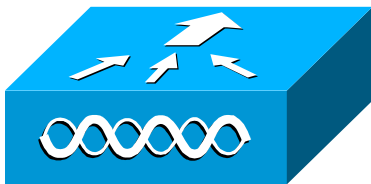
Network Enforcement Devices



1. Network Enforcement Devices control the guest user
 - Deliver the automatic redirect to a captive portal
 - Authenticate the user against the Guest Server
 - Enforce the Users Access Privileges
 - Records Network Access Information



2. Cisco NAC Appliance for Secure Guest Access
 - Network level enforcement of policies
 - Posture Assessment
 - Wired or Wireless deployments

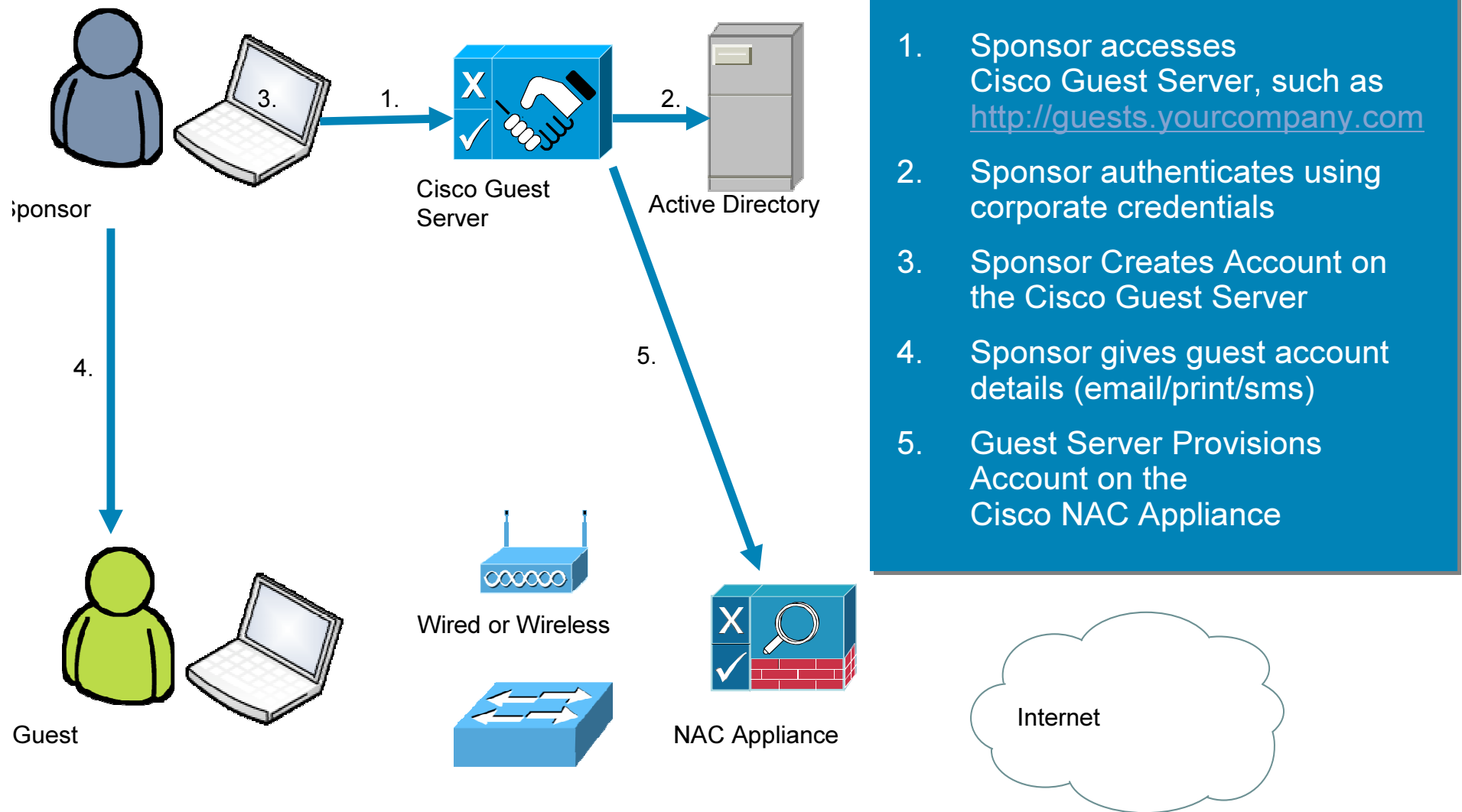


3. Cisco Wireless LAN Controllers
 - Integrated Guest capabilities
 - Wired or Wireless deployments
 - Native Guest Traffic Tunneling (Anchor Controller)

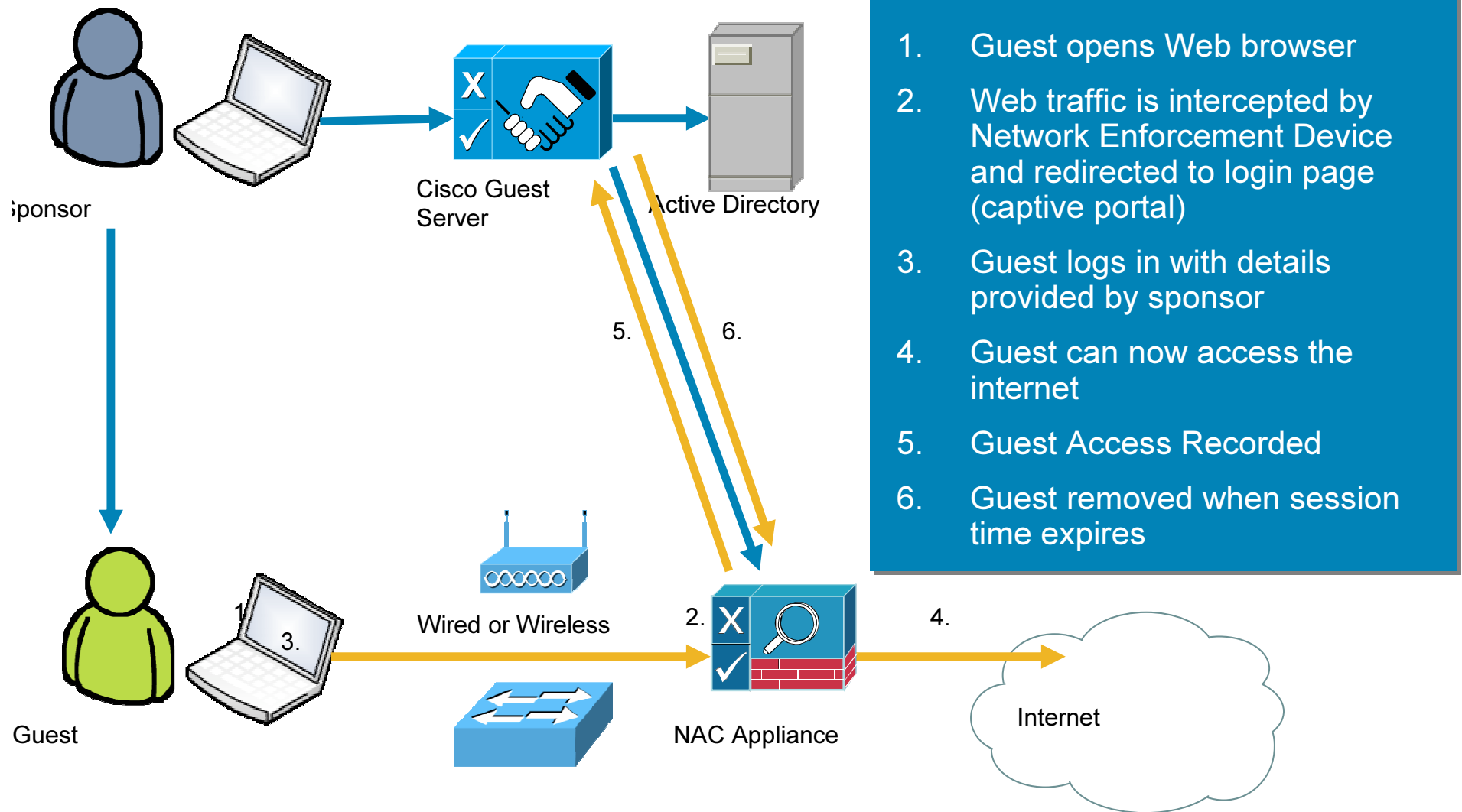
NAC Guest Server with NAC Appliance



Guest Access Walkthrough - Sponsor



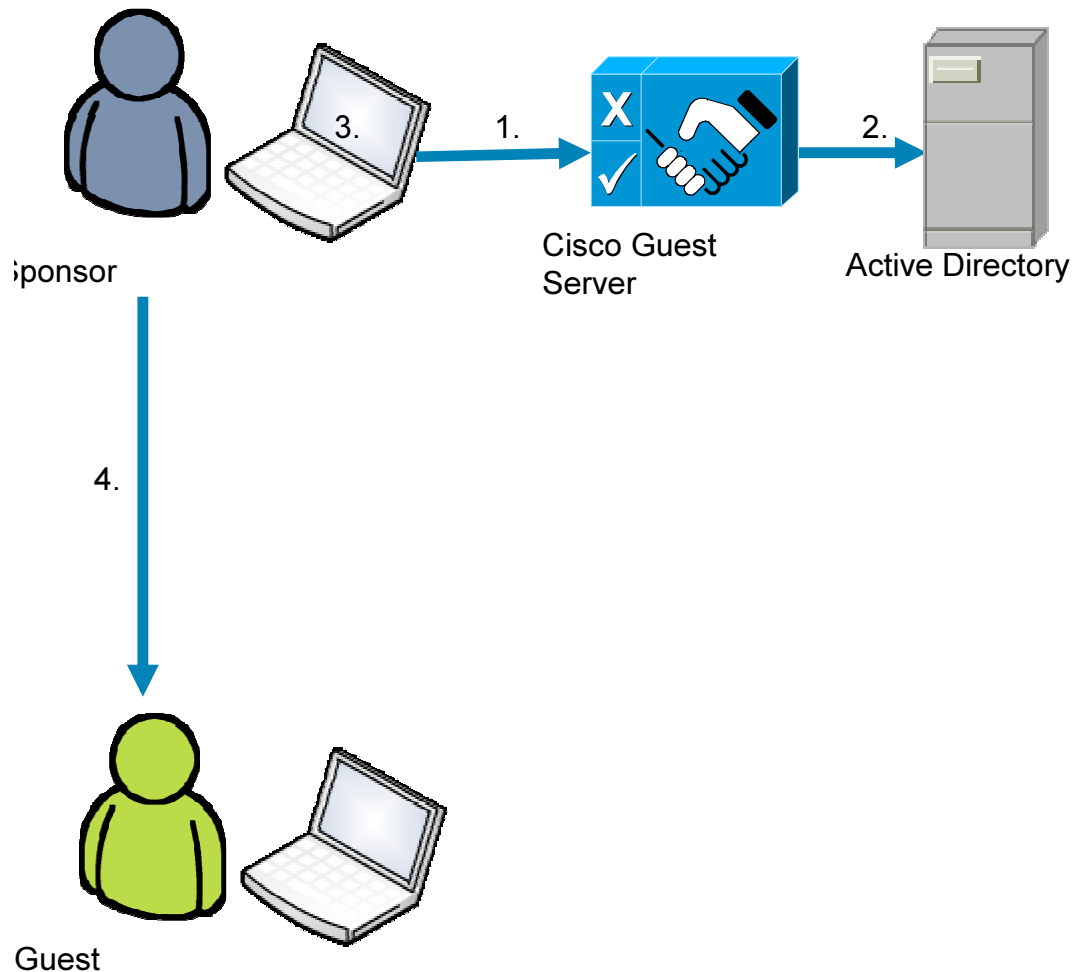
Guest Access Walkthrough - Guest



NAC Guest Server With Wireless LAN Controllers

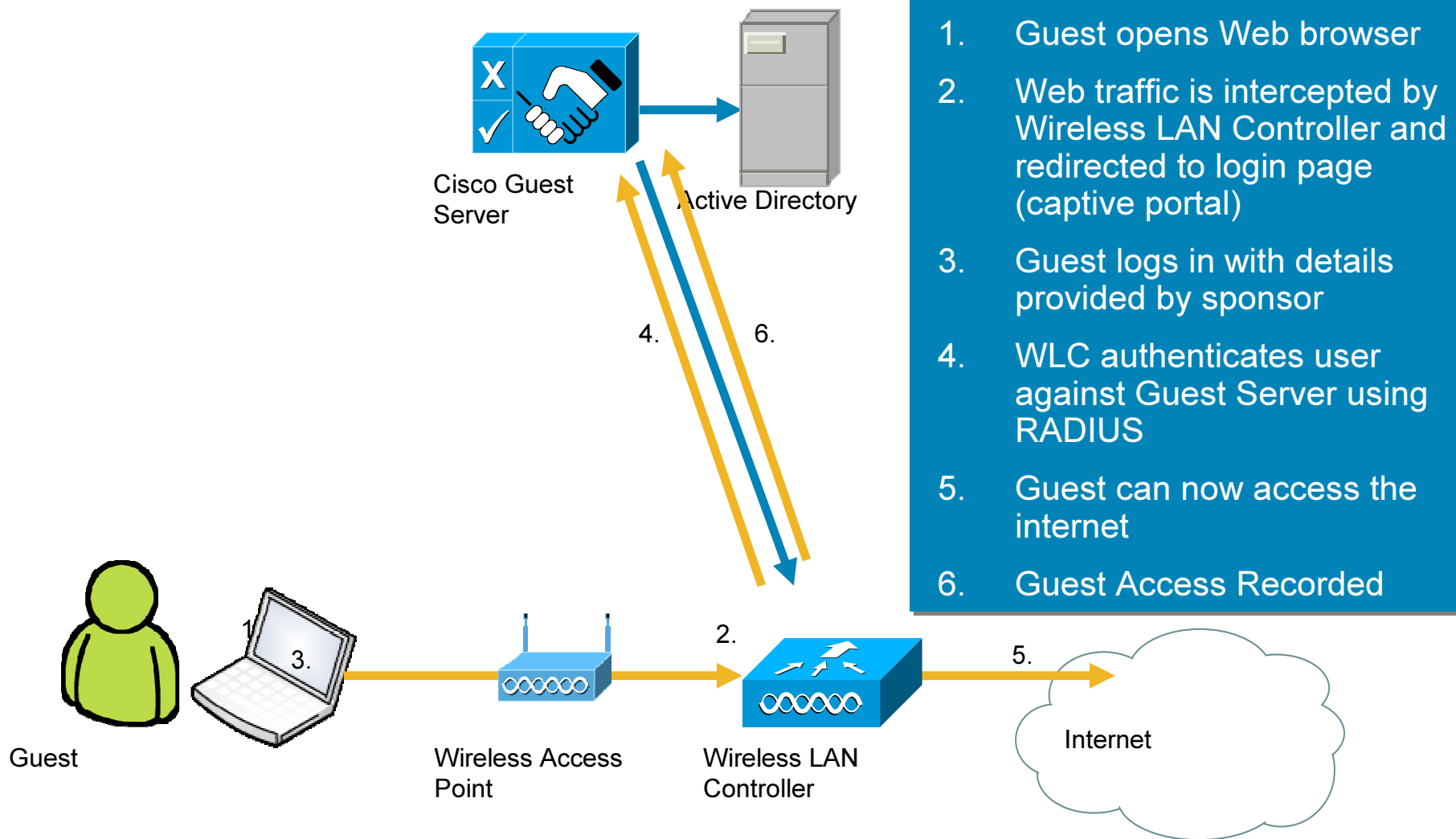


Guest Access Walkthrough - Sponsor



1. Sponsor accesses Cisco Guest Server, such as <http://guests.yourcompany.com>
2. Sponsor authenticates using corporate credentials
3. Sponsor Creates Account on the Cisco Guest Server
4. Sponsor gives guest account details (email/print/sms)

Guest Access Walkthrough - Guest

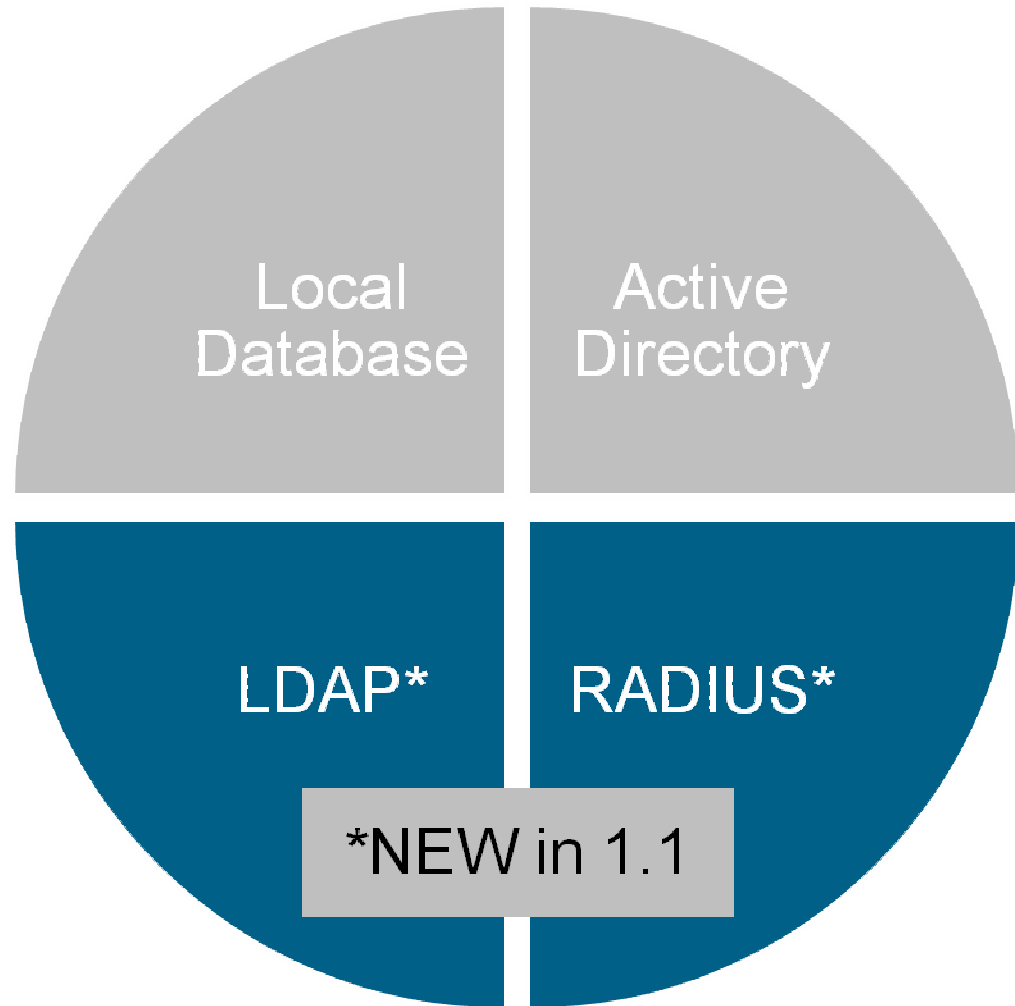


NAC Guest Server Authentication



Sponsor Authentication Support

- Authenticate Sponsors using existing authentication systems
- Assign permissions based on group membership



NAC Guest Server Customization



Guest Creation Policy

Requirements for form input

First Name:	Required
Last Name:	Required
Company:	Required
Email Address:	Required
Mobile Phone:	Optional

Additional Fields

Option 1:	Optional
Option 2:	Required
Option 3:	Unused
Option 4:	Unused
Option 5:	Unused

Note: Additional Fields text is defined in the templates section.

Save Settings Reset Form

Fields can be:

- Required
- Optional
- Unused

Additional Fields to capture Any information you require

What details do sponsors need to enter?

Username Policy

The screenshot shows the Cisco Guest Username Policy configuration interface. On the left is a navigation menu with sections: Main (Home/Summary, Logout), Authentication (Local Users, AD Authentication, Admin Accounts, User Groups), Guest Policy (Username Policy, Password Policy), Devices (NAC Appliance, Radius Clients, Email Settings, SMS Settings), User Interface (Templates, Mapping), and Server (Network Settings, Date/Time Settings, SSL Settings, System Log). The main content area is titled 'Guest Username Policy' and contains three options, each in a box with an orange border:

- Username Policy Option 1:** Includes the radio button 'Use email address as username'. An orange line connects this option to an orange box labeled 'Email Address' on the right.
- Username Policy Option 2:** Includes the radio button 'Create username based upon first and last name' and a 'Minimum Username Length' dropdown set to '10'. An orange line connects this option to an orange box labeled 'First/Last Name' on the right.
- Username Policy Option 3:** Includes the radio button 'Create random username' and three character selection sections: 'Alphabetic Characters' (characters: ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz, number to include: 6), 'Numeric Characters' (characters: 1234567890, number to include: 2), and 'Other Characters' (characters: !@#\$%^&*?_~`-+=, number to include: 0). An orange line connects this option to an orange box labeled 'Random' on the right.

At the bottom of the configuration area are two buttons: 'Set Policy' and 'Reset Form'.

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Email Address

First/Last Name

Random

Guest Password Policy

The screenshot shows the Cisco Guest Password Policy configuration interface. On the left is a navigation menu with categories: Main (Home/Summary, Logout), Authentication (Local Users, AD Authentication, Admin Accounts, User Groups), Guest Policy (Username Policy, Password Policy), Devices (NAC Appliance, Radius Clients, Email Settings, SMS Settings), User Interface (Templates, Mapping), and Server (Network Settings, Date/Time Settings, SSL Settings, System Log). The main content area is titled 'Guest Password Policy' and contains three sections: 'Alphabetic Characters', 'Numeric Characters', and 'Other Characters'. Each section has a 'Characters to include' text box and a 'Number to include' spinner. The 'Alphabetic' section shows 'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz' and '1'. The 'Numeric' section shows '1234567890' and '0'. The 'Other' section shows '!@\$_*?' and '0'. At the bottom are 'Set Policy' and 'Reset Form' buttons. Annotations include blue boxes around each section, a vertical line connecting them, and three blue callout boxes labeled 'Alphabetic', 'Numeric', and 'Special' pointing to their respective sections. A large blue box at the bottom is labeled 'Choice of characters and length'.

Alphabetic

Numeric

Special

Choice of characters and length

Sponsor Privileges

The screenshot shows the Cisco configuration interface for adding a user group. A purple box at the top right contains the text "Map to Authentication Server Group". A line points from this box to the "Active Directory Group" dropdown menu, which is currently set to "No Active Directory Mapping". Another purple box at the bottom left contains the text "Role based permissions". A line points from this box to the "Permissions" section, which lists various actions with dropdown menus for their settings.

Add a User Group

Map to Authentication Server Group

Create new User Group

Group Name: General Users

Active Directory Group: No Active Directory Mapping

Permissions:

- Allow Login: Yes
- Create Account: Yes
- Send Email: Yes
- Send SMS: No
- Edit Account: Own Account
- Suspend Account: Own Account
- Reporting (active): All Accounts
- Reporting (edit): All Accounts

Add Group Reset Form

Role based permissions

CISCO

Main
Home/Summary
Logout

Authentication
Local Users
AD Authentication
Admin Accounts
User Groups

Guest Policy
Username Policy
Password Policy

Devices
NAC Appliance
Radius Clients
Email Settings
SMS Settings

User Interface
Templates
Mapping

Server
Network Settings
Date/Time Settings
SSL Settings
System Log

Sponsor Interface Customization

CISCO

Edit User Interface Template

Index Main Menu Active Account Edit Account Create User Reports Suspend User Session Details Print Template Email Template SMS Template Report Paging Upload Logo

Template Name: default

Index

Page Title:

Page Heading:

Instruction:

Username:

Password:

Invalid Password Message:

Login notallowed:

Login Button:

Save Template Reset Form

© Cisco

Change the entire interface

Sponsor Customization

Language Selection

The screenshot shows a web form for 'Sponsor Customization'. It includes several dropdown menus and a text input field. A callout box for 'Language Selection' points to the 'Language Template' dropdown, which is currently set to 'English'. Another callout box for 'Regional Defaults' points to the 'Default Timezone', 'Default Telephone Country Code', and 'Default Location' dropdowns. A third callout box for 'Email Confirmation' points to the 'Email Address' text input and the 'Receive Email Confirmation' checkbox. The 'Email Address' field contains 'niall@cisco.com' and the checkbox is checked. The 'Default Login Page' dropdown is set to 'Home'. At the bottom are 'Submit' and 'Reset' buttons. A detailed list of language options is shown in a separate box: default, Deutsch, English (checked), Español, Français, Italiano, Nederlands, Português, Ελληνικά, 中文, and 日本の.

Field	Value
Language Template	English
Default Timezone	America/Los_Angeles
Default Telephone Country Code	+1
Default Location	default
Email Address	niall@cisco.com
Receive Email Confirmation	☒
Default Login Page	Home

Language Selection Options:

- default
- Deutsch
- ✓ English
- Español
- Français
- Italiano
- Nederlands
- Português
- Ελληνικά
- 中文
- 日本の

Allows sponsors to select their default settings

Guest Printout Customization

The screenshot displays the Cisco Guest User interface. On the left is a navigation menu with categories: Main (Home/Summary, Logout), Authentication (Local Users, AD Authentication, Admin Accounts, User Groups), Guest Policy (Username Policy, Password Policy), Devices (NAC Appliance, Radius Clients, Email Settings, SMS Settings), User Interface (Templates, Mapping), and Server (Network Settings, Date/Time Settings, SSL Settings, System Log). The top navigation bar includes buttons for Index, Main, Menu, Active Account, Edit Account, Create User, Reports, Suspend User, Session Details, Print Template, Email Template, SMS Template, Report Paging, and Upload Logo. An orange box labeled 'Full HTML Customization' highlights the 'Print Template' button. A modal window titled 'Print Template' is open, showing the 'Template Name: default' and a text area for the 'Page Body' containing HTML code. The code includes a heading, a paragraph, and a table with a single row for 'Username'. The text area has a vertical scrollbar. Below the text area are 'Save Template' and 'Reset Form' buttons. A note 'Everything within the html BODY tags' points to the text area. The footer shows '© Cisco 2007 Version 1.0.0'.

Full HTML Customization

Template Name: default

Print Template

Page Title: Guest User Details

Page Body: `<h1>Guest User Details </h1><P>To access the network, please use the following credentials: </P><table width="508" border="1"><tr><th scope="row">Username</th><td>%USERNAME%</td></tr></table>`

Everything within the html BODY tags

Save Template Reset Form

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Guest Email Customization

The screenshot shows the Cisco Guest User Interface Template configuration page. The left sidebar contains a navigation menu with categories: Main (Home/Summary, Logout), Authentication (Local Users, AD Authentication, Admin Accounts, User Groups), Guest Policy (Username Policy, Password Policy), Devices (NAC Appliance, Radius Clients, Email Settings, SMS Settings), User Interface (Templates, Mapping), and Server (Network Settings, Date/Time Settings, SSL Settings, System Log). The main content area is titled 'Edit User Interface Template' and features a breadcrumb trail: Index > Main > Menu > Active Account > Edit Account > Create User > Reports > Suspend User > Session Details > Print Template > Email Template > SMS Template > Report Paging > Upload Logo. The 'Email Template' section is highlighted, showing a form for editing the 'default' template. The form includes fields for 'Email Subject' (Guest User Account Details) and 'Email Body' (The following guest user account has been created for you). Below the email body, there are fields for 'Username: %USERNAME%', 'Password: %PASSWORD%', 'Valid From: %STARTTIME%', 'Valid To: %ENDTIME%', and 'Timezone: %TIMEZONE%'. A note at the bottom states: 'To access the network you must agree to the AUP below:'. At the bottom of the form are 'Save Template' and 'Reset Form' buttons. A blue line connects the 'Email Template' section to a callout box at the bottom of the slide.

Edit the Guest Notification Email

Guest SMS Customization

The screenshot shows the Cisco Guest User Interface Template configuration page. A purple banner at the top reads "SMS Message and Delivery Options". The left sidebar contains a navigation menu with categories: Main (Home/Summary, Logout), Authentication (Local Users, AD Authentication, Admin Accounts, User Groups), Guest Policy (Username Policy, Password Policy), Devices (NAC Appliance, Radius Clients, Email Settings, SMS Settings), User Interface (Templates, Mapping), and Server (Network Settings, Date/Time Settings, SSL Settings, System Log). The main content area is titled "Edit User Interface Template" and shows the "SMS Template" configuration for the "default" template. The fields are: SMS Subject (empty), SMS Destination (%MOBILENUMBER%@smsgateway), and SMS Body (The following guest user account has been created for you, Username: %USERNAME%, Password: %PASSWORD%, Valid From: %STARTTIME%, Valid To: %ENDTIME%, Timezone: %TIMEZONE%). At the bottom are "Save Template" and "Reset Form" buttons. The footer shows "© Cisco 2007 Version 1.0.0".

CISCO

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Home/Summary
Logout

Authentication
Local Users
AD Authentication
Admin Accounts
User Groups

Guest Policy
Username Policy
Password Policy

Devices
NAC Appliance
Radius Clients
Email Settings
SMS Settings

User Interface
Templates
Mapping

Server
Network Settings
Date/Time Settings
SSL Settings
System Log

Template Name: default

SMS Template

SMS Subject:

SMS Destination:

SMS Body:

The following guest user account has been created for you

Username: %USERNAME%

Password: %PASSWORD%

Valid From: %STARTTIME%

Valid To: %ENDTIME%

Timezone: %TIMEZONE%

Save Template Reset Form

Corporate Logo Customization

The screenshot displays the Cisco configuration interface for uploading a logo template. The sidebar on the left contains the following sections:

- Main**
 - Home/Summary
 - Logout
- Authentication**
 - Local Users
 - AD Authentication
 - Admin Accounts
 - User Groups**
- Guest Policy**
 - Username Policy
 - Password Policy
- Devices**
 - NAC Appliance
 - Radius Clients
 - Email Settings
 - SMS Settings
- User Interface**
 - Templates
 - Mapping
- Server**
 - Network Settings
 - Date/Time Settings
 - SSL Settings
 - System Log

The top menu bar includes: Index, Main, Menu, Active Account, Edit Account, Create User, Reports, Suspend User, Session Details, Print Template, Email Template, SMS Template, Report Paging, and Upload Logo.

The main content area is titled "Upload Logo Template". It features a "Template Name: default" label and a "Upload Logo" section. The "Upload Logo" section contains a "Select File:" label, a "Choose File" button, and the text "no file selected". Below this, it specifies "Maximum image height no more than 75 pixels." and "Maximum image width no more than 150 pixels." At the bottom of the section are "Upload Logo" and "Reset Form" buttons.

A green box highlights the "Upload Logo" section, and a green arrow points from it to a callout box at the bottom that reads: "Rebrand with your corporate logo".

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Selecting Account Start and End

Version 1.0 allows
Selecting Start/End
times for guest
accounts by date

Account Start: Time 00 : 00
Date 24 Feb 2008

Account End: Time 23 : 59
Date 24 Feb 2008

Timezone: America/Los_Angeles

Calendar view for February 2008:

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28	29		

Sun, 24, Feb 2008

Version 1.1 adds
fixed durations
to be created
by the admin

Duration Option

Description: 36 Hours

Duration: 0 Years 1 Day 12 Hours 0 Minutes

Note: Account Durations are displayed in the User Account creation pages in accordance with the User Groups policy regarding maximum account duration.

Add Duration Option Reset Form

Duration of Account

Timezone

- ✓ 1 Hour
- 7 Hours
- 1 Day
- 3 Days
- 7 Days

NAC Guest Server Reporting



Audit and Reports

The screenshot shows the Cisco NAC Guest Server Reporting interface. It includes a sidebar with navigation links (Main, Home, Logout, User Accounts, Reporting), a top navigation bar, and a main content area with search filters and a data table. Three green callout boxes are overlaid on the interface:

- Sponsor Information:** Points to the 'Created By' column in the table.
- Guest Information:** Points to the 'Username', 'Full Name', 'Company', and 'Email' columns in the table.
- Account Information:** Points to the 'Start Time', 'End Time', and 'Status' columns in the table.

The table contains the following data:

Created By	Username	Full Name	Company	Email	Start Time	End Time	Status	
nelassaa	niall	niall el-assaad	cisco	niall	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	active	Details
nchong@cisco.com	nelassaa@cisco.com	niall el-assaad	cisco	nelassaa@cisco.com	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	active	Details
alok	john@acme.com	john smith	acme	john@acme.com	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	active	Details
syed.ghayur	sarah@greatstores.com	sarah jones	great stores	sarah@greatstores.com	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	active	Details
sponsor	paul@bigcompany.com	paul johnson	bg company	paul@bigcompany.com	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	active	Details

© Cisco 2007

Detailed information

 Reset

	End Time	Status
7	23rd Sep 2007 23:59:00	active
geles	America/Los_Angeles	
7	23rd Sep 2007 23:59:00	active

Details

Details

**Cisco**

Cisco NAC Guest Server Detailed Report

Main
Home
Logout

User Accounts
Create
Edit
Suspend

Reporting
Active Accounts
Full Reporting

Detailed Login Report for: paul@bigcompany.com

NAS IP Address	Users IP Address	Logged In	Logged Out	Duration
192.168.137.3	10.10.10.2	23rd Sep 2007 12:00:00 America/Los_Angeles	23rd Sep 2007 13:00:00 America/Los_Angeles	1:00:00

Back to Reports

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Reporting Enhancements

Search by
IP Address

Search by IP Address

First Name

Last Name

Company

Email

IP Address

Start Time Between

End Time Between

Locale

Created By	Username	Password	Full Name	Email	Start Time	End Time	Status	
niall	paul@bigcompany.com	PfzMoA45	paul jackson	paul@bigcompany.com	23rd Sep 2007 00:00:00 America/Los_Angeles	23rd Sep 2007 23:59:00 America/Los_Angeles	Inactive	Details

Detailed Login Report for: paul@bigcompany.com

NAS IP Address	Users IP Address	Logged In	Logged Out	Duration
192.168.137.3	10.10.10.2	23rd Sep 2007 12:00:00 America/Los_Angeles	23rd Sep 2007 13:00:00 America/Los_Angeles	1:00:00

Track down guests by IP Address

Reporting Enhancements

Export reports for further processing

Created By

First Name

Last Name

Company

Email

IP Address

Start Time Between 23 Sep 2007

End Time Between 23 Feb 2008

Locale Show All

Export Report

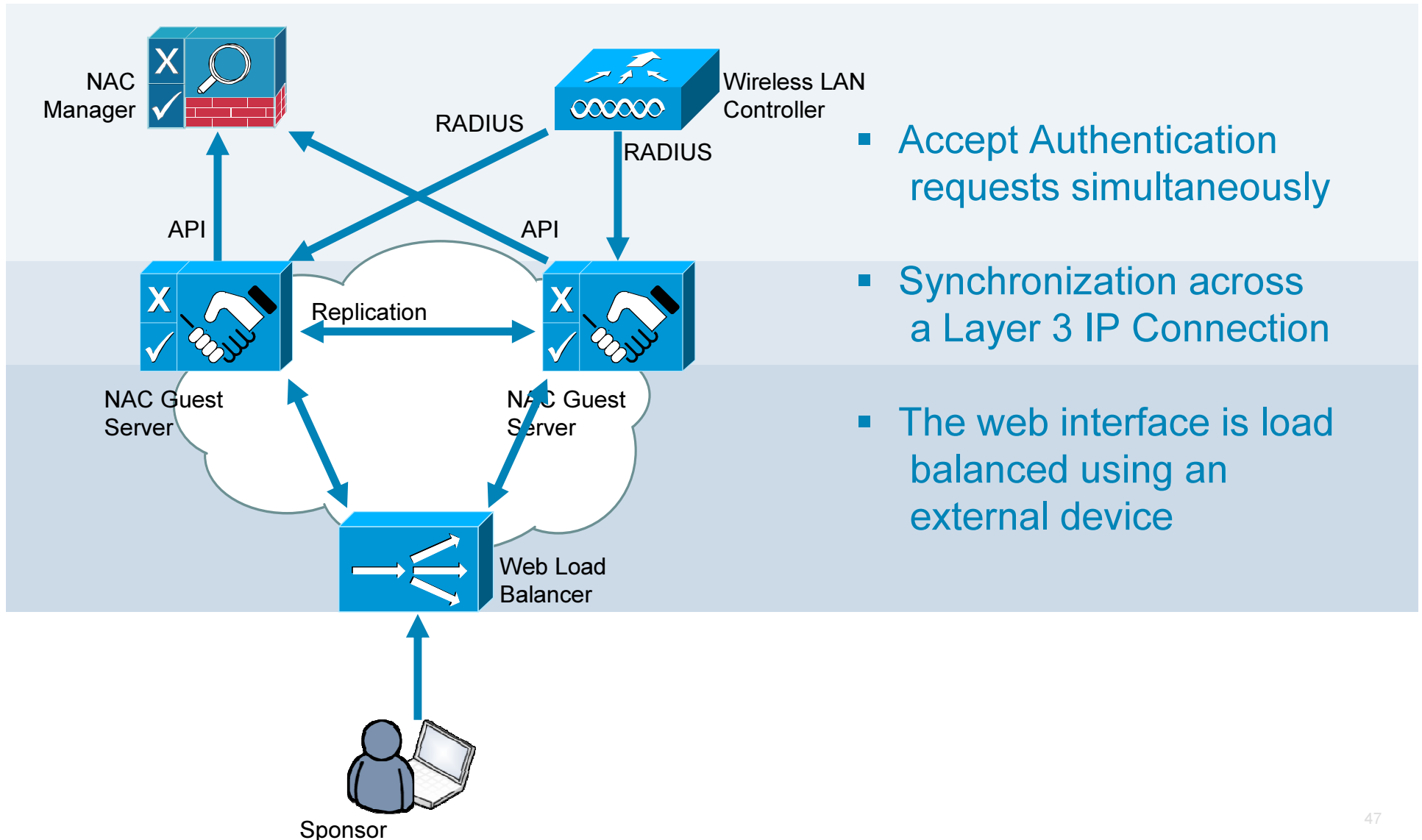
Submit Reset Download CSV

	A	B	C	D	E	F	G	H	I
1	Created By	Username	Password	Full Name	Email	Start Time	End Time	Locale	Status
2	niall	ddennett@cisco	buCkhZ82	dave dennett	ddennett@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
3	niall	dufonsec@cisco	Ta7zxE8q	duarte fonseca	dufonsec@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
4	niall	majones3@cisco	WI7nj3IL	mark jones	majones3@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
5	niall	gghayur@cisco	vmhb14jk	syed ghayur	gghayur@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
6	niall	alok@cisco.com	oiSNP28Y	alok agrawal	alok@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
7	niall	prem@cisco.com	TPpcZ98t	prem anan	prem@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
8	niall	jburke@cisco.com	BhLu9oo8	jimmy burke	jburke@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
9	niall	boconnell@cisco	m0nALIT8	brendan oconnor	boconnell@cisco.com	23/02/2008 00:00	23/02/2008 23:59	America/Los	Expired
10	niall	paul@bigcompany	PfzMoA45	paul jackson	paul@bigcompany.com	23/09/2007 00:00	23/09/2007 23:59	America/Los	Expired
11									

NAC Guest Server Resilience



Active/Active Resilience



Automated Backup/Restore

Backup

Restore

Local Backup

Change the Backup Settings

Max number of backups: 10

Frequency: Daily

FTP settings

Remote Server Address: 192.168.137.20

Port: 21

Username: admin

Password: ****

Mode: active

Max number of backups: 10

Save Settings

Reset Form

Backup to FTP Server

Instant Snapshot

Snapshot

Download Snapshot: Snapshot

Presentation_ID

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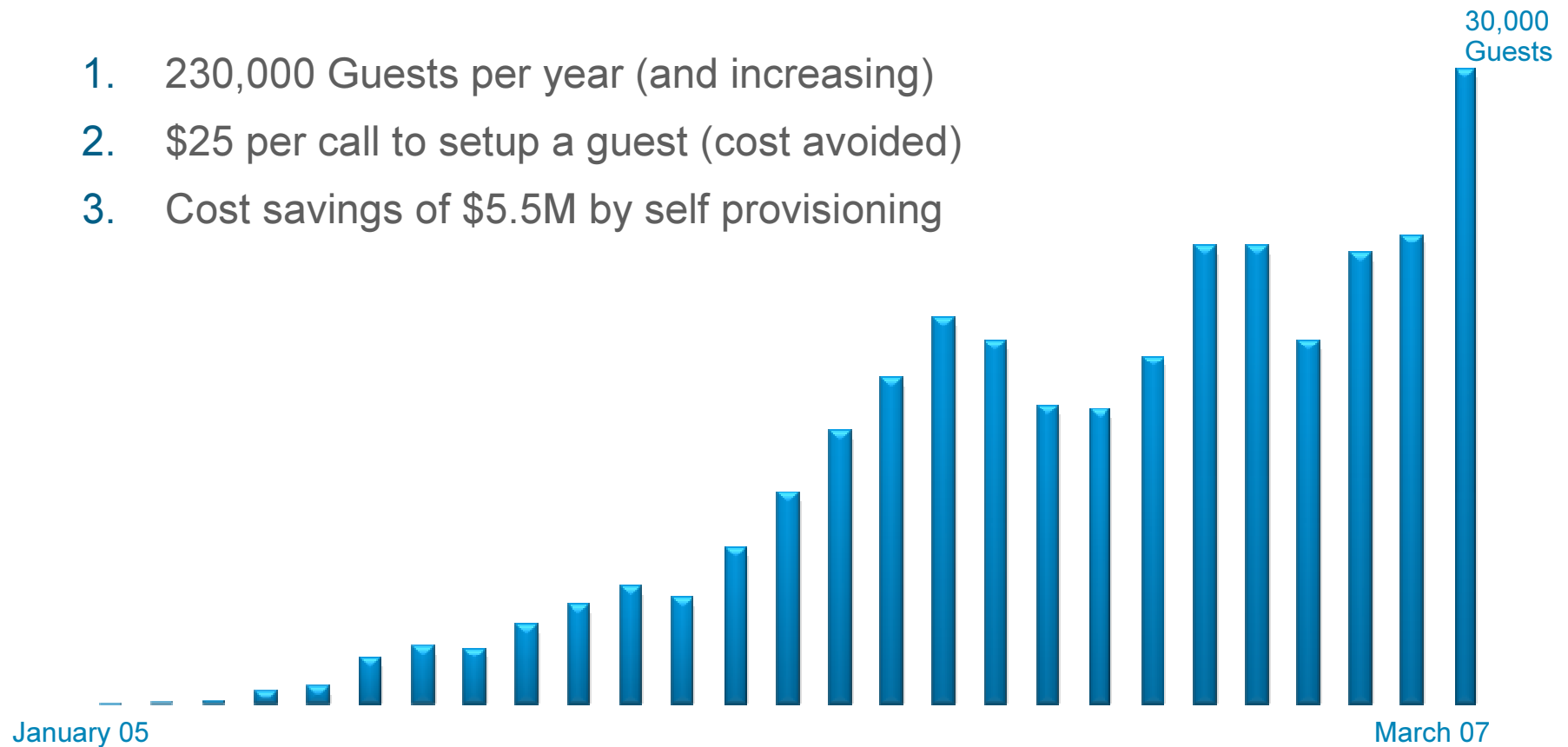
Agenda

- 1 The “Business Case” For Secure Guest Access
- 2 Cisco NAC Guest Server Overview
- 3 Deployment Options
- ➔ 4 Summary & Additional Resources



ROI - Cisco Internal Real World Example

1. 230,000 Guests per year (and increasing)
2. \$25 per call to setup a guest (cost avoided)
3. Cost savings of \$5.5M by self provisioning



Summary

1. Providing Guest Access brings increased
 - Collaboration
 - Productivity
 - Cost Savings
2. Security is paramount
 - Accountability
 - Audit
3. Cisco NAC Guest Server integrates Guest Access
 - Ease of Provisioning
 - Network Integration
 - Audit and Reporting
4. Unifies guest access across Cisco NAC Appliance and Cisco Wireless LAN Controllers





Additional Resources

Product Information at:

<http://www.cisco.com/go/nac/appliance>

Specific Questions to:

cca-questions@external.cisco.com

Cisco Networkers Barcelona 26 – 29. January 2009. Register!



Cisco Networkers
2009
January 26-29 Barcelona, Spain

<http://www.cisco.com/web/europe/cisco-networkers/2009/index.html>

