Chapter No. 11
"Collaborate from Anywhere: Sametime 8.5.2 and Mobile Devices"
In this package, you will find:

A Biography of the authors of the book

A preview chapter from the book, Chapter NO.11 "Collaborate from Anywhere: Sametime 8.5.2 and Mobile Devices"

A synopsis of the book’s content

Information on where to buy this book

About the Authors

**Gabriella Davis** lives in London, England and is Technical Director at TheTurtle Partnership, an IBM Business Partner, for the past 16 years. Starting out as a cc:Mail administrator and a Lotus Agenda user, she has continued to work with mail systems and Lotus software and has stayed true to her admin roots ever since. She now focuses on designing and tuning infrastructures and integrating mail and collaboration products for small and large enterprises alike. Gabriella was recently named an IBM Lotus Collaboration Champion for Collaboration Solutions [https://www.ibm.com/developerworks/mydeveloperworks/profiles/user/GabDavis](https://www.ibm.com/developerworks/mydeveloperworks/profiles/user/GabDavis). Gabriella's blog can be found at [http://blog.turtleweb.com](http://blog.turtleweb.com).
A lot of people deserve my thanks for this book ever getting written not least Tom and Marie for asking me to work with them and showing extraordinary patience. To my friends Andrew Pollack and Rocky Oliver who encouraged me many years ago to share what I knew. Life would not be as fun without the support of some of the smartest women you could meet, the incredible Nerd Girls: Susan Bulloch, Jess Stratton, Amy Blumenfeld, Teresa "Kitty" Elsmore, Maureen Leland, Mary Beth Raven, Jennifer Stevenson, Marie Scott, Kathy Brown, Francie Tanner, Eileen Fitzgerald, and Kathleen McGivney. Thanks also to the Lotus Community and the many smart people in it who may not realize it but raise the bar every day, make me love what I do and who I'm lucky to call friends, especially Carl Tyler, Paul Mooney, Warren Elsmore, Bob Balaban, Chris Miller, Ben Langhinrichs, Bill Buchan, Rob Novak.

Thanks to all at Turtle but especially Mike Smith and Samuel Gee, who worked around me for 9 months without a complaint. To my parents Berry and Graham Hedley, who never gave me an option to not try my hardest at anything, I love you both.

Above all to my husband Tim Davis for his talents with a cocktail shaker in an emergency and for loving me.

Marie L. Scott is the Director of Email Services at Virginia Commonwealth University in Richmond, Virginia. She holds a bachelor of science in biology from James Madison University and a certificate in information systems from Virginia Commonwealth University. Marie has held dual advanced certifications in Notes/Domino administration and development since version 4.0, and she is an IBM Certified Advanced Security Professional for Domino. Marie began working with Lotus Notes in 1996, and she has worked in networking, systems integration, and e-mail systems since 1987. Her primary interest is in Domino administration of complex environments. She has managed large e-mail migration projects including several cloud collaboration projects. Marie has been a speaker at conferences, including Lotusphere, featuring IBM/Lotus technologies. Marie has written for The View (Wellesley Information Services) and Marie and Tom Duff co-authored IBM Lotus Sametime 8 Essentials: A User's Guide (Packt Publishing, 2010). Marie was recently named an IBM Champion for Collaboration Solutions: https://www.ibm.com/developerworks/mydeveloperworks/profiles/user/MarieScott. Marie's blog can be found at: http://crashtestchix.com.

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And especially to my parents Joe and Ann Kovalchick, whose unfaltering love and encouragement has been there for me always. Thank you.

Thomas Duff (also known as "Duffbert") is a software developer focusing on Lotus collaboration technologies in Portland Oregon. He started working with Lotus Notes in 1996 in version R3 and has written and maintained hundreds of applications in large enterprises through the years. He also holds Lotus principal development certifications starting at version 4 and going up to version 8, as well as Microsoft and Java certifications. Tom is a prolific writer, both in various industry publications and at his website, Duffbert's Random Musings, at http://www.duffbert.com. He also is a frequent speaker at conferences and events focusing on Lotus technologies. Tom and Marie Scott coauthored IBM Lotus Sametime 8 Essentials: A User's Guide (Packt Publishing, 2010). You can find his profile at https://www.ibm.com/developerworks/mydeveloperworks/profiles/user/ThomasDuff.

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For someone who never thought he would write a technical book, somehow I'm now staring at my second one. Thank you to Gabriella Davis, without whom this book would have never been started. I'm glad I was able to be a part of your first book adventure. Thank you also to Marie Scott. Apparently I didn't drive you crazy enough on the first one, as you asked me to be part of this one too. Although we need a bit of a break, I'm ready for the next idea.

For all of you in my online community, thanks for being there when I needed to ask the dumb question, get pointed in the right direction, and finagle an ID and password to your Sametime server to try something out. I really couldn't do it without you.

And for Susan, Ian, and Cam... I promise that I do not have another book lined up and ready to start. I vow to come out of basement more often and discover the art of face-to-face communication... Thanks for putting up with this obsession.

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IBM Sametime 8.5.2
Administration Guide

IBM Sametime 8.5.2 delivers a state-of-the-art enterprise-ready instant messaging, meeting, and conferencing service. This Administrator's Guide navigates through the range of Sametime server components and features, providing you with the essential information required to install, administer, and troubleshoot your Sametime 8.5.2 environment. The IBM Sametime 8.5.2 Administration Guide cuts through the complexity of architecting, installing, and administering all the moving parts of the latest version of Sametime.

With this book, you will have all the information necessary to decide which server components provide the features you need as well as how to install them to get the most performance and maintainability from the software. Starting with an overview of Sametime 8.5.2, you will then dive into each server component, learning what each one does, why it might be needed in your environment, and what you need to have in place to run it. By the end, you will be able to have Sametime running and configured properly for your particular situation. With flexibility comes complexity—but not with this guide. You will learn how different architectures are possible and how to prepare properly for the installation of Sametime. You will learn how to install the servers in the right order so that you can maintain and expand your environment in the future. You will also find out how best to monitor your Sametime environment for issues, as well as how to effectively troubleshoot those problems so that you can quickly get Sametime running again.

The IBM Sametime 8.5.2 Administration Guide is the perfect one-stop resource for learning important installation and configuration details quickly and easily.

What This Book Covers

Chapter 1, Collaborate in Real Time: Introducing Sametime 8.5.2, teaches you the architecture of Sametime 8.5.2, the hardware and operating system requirements, and what type of licensing is required to run various configurations of Sametime. You will also learn how Sametime 8.5.2 differs from the previous versions of Sametime, and why you would benefit from upgrading to the newest release.

Chapter 2, The Sametime 8.5.2 Servers—Up Close and Personal, introduces you each of the servers that make up Sametime 8.5.2, including the requirements for each one as well as how each might be used in various Sametime environments and how all the servers integrate together.

For More Information:
Chapter 3, Telephony Integration: Working with Sametime Telephony, teaches you how Sametime 8.5.2 integrates telephony, audio, and video to provide a rich communication experience. You will also discover how to add web conferencing to your Sametime environment in order to provide virtual meeting experiences to your users.

Chapter 4, The Infrastructure: Understanding Sametime and WebSphere Application Server Architecture, establishes that integration of IBM WebSphere Application Server (WAS) is the most significant change in the Sametime 8.5.2 architecture. In this chapter, you will gain knowledge about WAS and how Sametime uses it, as well as the concepts behind how WAS is organized. Learn how to configure and deploy WAS in a secure manner.

Chapter 5, Executive Decisions: Preparing for your Sametime 8.5.2 Installation, explains the planning and preparation that are critical for a successful Sametime 8.5.2 deployment. In this chapter, learn about the key decisions that need to be taken into consideration based on how you expect to structure your Sametime 8.5.2 environment. This chapter also covers those choices to allow you to expand and grow your environment in the future.

Chapter 6, Ready, Set, Install: Installing Sametime 8.5.2, guides you through an actual Sametime 8.5.2 installation. In this chapter, discover how each Sametime 8.5.2 server needs to be installed and in what order. You will also gain knowledge about how to verify that each installation step was successful before proceeding to the next one.

Chapter 7, Collaborate Securely: Setting up Authentication and Securing Your Sametime Environment, familiarizes you with the authentication methods for Sametime 8.5.2, and how LDAP, Domino Directory, and Active Directory can be used. In addition, learn how to ensure that your environment is secure from unauthorized users.

Chapter 8, Making it Personal: Using Sametime Business Card, explains that Sametime Business Card offers a convenient way to display information about your various contacts. Learn how to configure the Sametime Business Card feature, how to use different types of data sources to display the contact information, and how to troubleshoot Sametime Business Card if the feature is not working correctly.

Chapter 9, Extending the Sametime Environment: Connecting to Sametime Advanced and Sametime Gateway, teaches you how Sametime Advanced adds additional features into your Sametime 8.5.2 environment, and how it is installed using the Sametime System Console. In this chapter, you will also discover how Sametime Gateway opens up communication with external chat communities such as AOL and Google, the deployment options for Sametime Gateway, and how to install the feature.

For More Information:
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Chapter 10, The End User Experience: Preparing for Sametime Client Deployments, illustrates that once your Sametime 8.5.2 servers are installed and running, your attention shifts to the many Sametime client options. Learn about the various Sametime clients, how they are deployed, and how to manage the Sametime client environment through client preferences and policies.

Chapter 11, Collaborate from Anywhere: Sametime 8.5.2 and Mobile Devices, familiarizes you with the options available for using Sametime from mobile clients. You learn how to configure the Sametime environment for mobile access as well as how to deploy various mobile Sametime clients.

Chapter 12, Managing and Monitoring the Sametime 8.5.2 Server Environment, makes you aware that once your Sametime 8.5.2 environment is up and running, you need to keep it tuned to run at an optimal state. Learn how to monitor the different server logs for activity, as well as how the logs are used for troubleshooting issues.

Appendix A, Sametime 8.5.2 Installation Worksheets provides you with a sample set of worksheets to plan and record vital Sametime 8.5.2 environment information in order to make your installation activities flow smoothly, as well as to document your install and configuration decisions.

Appendix B, Sametime 8.5.2 Related Resources provides more information about various aspects of Sametime 8.5.2 by exploring the various links and resources referenced here.

Appendix C, Sametime 8.5.2 Network-Related Resources provides the resources to learn more about how Sametime 8.5.2 interacts with network resources, as well as how to tune your network for optimal Sametime performance.

Appendix D, WebSphere Application Server-Related Resources helps you if you are new to the world of WebSphere Application Server by using the resources to gain a better understanding of this fundamental part of the Sametime 8.5.2 architecture.

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
Collaborate from Anywhere: Sametime 8.5.2 and Mobile Devices

We have discussed the use of Sametime instant messaging and how valuable it is in connecting people in your organization. As you are aware, an increasing number of people are using mobile devices as their method of choice for much of their day-to-day communications whether it is for e-mail or text messaging. With Sametime 8.5.2, Sametime instant messaging can be extended to the mobile device to permit instant messaging on those devices as well. Blackberry, Windows Mobile, Nokia, Android, and Sony Ericsson mobile devices can each run their own locally installed Sametime Mobile client. Additionally, mobile deployment of Sametime for Apple devices, such as iPhones and iPads, is through a custom web application available from the Sametime Proxy Server. In this chapter, we will discuss the steps required to configure Sametime to provide support for these mobile devices. We will also introduce you to the newest clients and features.

- Jess has been asked investigate options for extending instant messaging to mobile devices in her environment. Her company already uses the Sametime desktop client. She believes Sametime Mobile looks like a good option given the number of iPhone and Android phone users she has in the company.
- Simon has deployed a Sametime Community Server in his Sametime environment but is unsure what steps he should take to provide Sametime Mobile download access for his users.
- Chris' organization has several international sites and his organization relies on several phone carriers and handheld device sets. The security officer has asked that he investigate options for securing Sametime Mobile.
- Tim is the Blackberry administrator for his company. He would like to deploy Sametime Mobile and the mobile client to all his Blackberry users.

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
In this chapter, you will learn the following:

- What is Sametime Mobile
- How to manually configure the Community Server for mobile access
- How to connect Sametime Mobile to the Community Server
- How to configure the Sametime Community Server for mobile downloads
- How to configure the Proxy Server for Mobile device access to Community Server
- What Sametime Mobile clients are available and how they are configured

Sametime Mobile

Sametime Mobile is a set of client software designed specifically to provide instant messaging functionality for mobile devices. The Sametime Mobile family includes clients for the following:

- Blackberry (OS 4.2 to 6)
- Google Android (OS 2.0.1 or higher)
- Nokia S60 E Series
- Sony Ericsson (M600, P990, P1i)
- Windows Mobile 5/6 (Professional and Standard)

The Sametime Mobile client supports many of the key features of the Sametime Connect or Embedded client, including:

- Contact lists
- Client preferences
- Announcements
- Single and group chats
- Emoticons
- Awareness and notification

We also include the Sametime custom web application in this chapter as it provides Sametime instant messaging for Apple iPhone/iTouch/iPad and other smartphone devices. As this is a web application, it does not download software to the mobile device as with the Sametime Mobile client, but does provide similar Sametime functionality.
Configuring the Sametime Community Server for mobile access

In order to provide support for mobile devices, there is some configuration needed for the Sametime Community Server. This is usually completed automatically by the install process for a new Sametime 8.5.2 server. But if you are running in a mixed environment or if your environment does not already have these settings in place, the following information gives you the instructions for manual configuration. To confirm if your settings are already in place in your environment, use a browser to go to the URL http://<hostname>/mobile where <hostname> is the fully qualified hostname of your Community Server. If that URL returns an error, you will need to complete the following steps.

Create a Website Rule Document

Your first step is to create a URL redirection document that allows Sametime Mobile users to access the Sametime Mobile downloads through a simplified URL. When accessing a download site from your mobile device, you do not want to have to key in a long web address. The URL redirection document helps to streamline the URL that users will enter on their device. An example might be http://st.lucyskydiamonds.com/mobile.

Because Sametime Community Server running on Domino must still use Web Configuration documents rather than Internet Site documents, we will describe how to create the appropriate Web Configuration document. With the Domino Administrator client, select the Configuration tab, and open the Current Server Document for the Sametime Community Server that will host the mobile downloads. Click on Create Web and choose URL Mapping/Redirection.

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
Once the website document opens, on the Basics tab, select URL → Redirection URL.

Click on the Mapping tab. In the Incoming URL path field, enter /mobile/*. In the Redirection URL string field, enter stcenter.nsf/webmobiledownloads?openview. Click on Save & Close. You will need to stop and start the HTTP Domino server task for this rule to go into effect.

Modify the httpd.cnf file

The next step involves modifying the httpd.cnf file on the Domino server to configure MIME support for the client downloads. Open the file with a text editor and add the following items to the file before the Fallback MIME types section.

```plaintext
AddType .jad text/vnd.sun.j2me.app-descriptor
AddType .jar application/java-archive
AddType .alx application/octet-stream
AddType .cod application/octet-stream
AddType .sisx application/octet-stream
AddType .cab application/vnd.ms-cab-compressed
AddType .cfg text/Sametime
```

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
Save your changes and close the file. Once it is edited, the httpd.cnf file should look similar to the following screenshot:

```bash
# Sametime mobile

AddType .jad text/vnd.sun.j2me.app-descriptor
AddType .jar application/java-archive
AddType .war application/octet-stream
AddType .cod application/octet-stream
AddType .sisx application/octet-stream
AddType .cab application/vnd.ms-cab-compressed
AddType .cfg text/sametime

# Fallback MIME types

AddType ".*" url/unknown # Try to guess
AddType ".*" url/unknown # Try to guess
```

The Domino HTTP server task will need to be stopped and started for this change to go into effect. These configuration changes allow for access to a download page that looks similar to the following screenshot:

![IBM Lotus Sametime Mobile 8.5.2](image)

From the mobile device, select the appropriate device from the drop-down list and click on **Download** to begin downloading the software.

![IBM Lotus Sametime Mobile 8.5.2](image)

For More Information:  
Connecting Sametime Mobile to the Sametime Community Server

There are the following three methods for connecting mobile devices to the Sametime Community Server:

- Virtual Private Network (VPN)
- Direct connection to the Community Server
- Authenticating through a HTTP Proxy

An example of a VPN type connection would be through a connection using IBM Lotus Mobile Connect. Mobile Connect is available for download from IBM Passport Advantage. These types of connections provide for an extra level of point-to-point security. Sametime Mobile is still installed in the same manner, but interaction with the Community Server requires the VPN connection first. An example of a proxy connection would be using Blackberry Mobile Data Services, which creates an encrypted local proxy connection to the Sametime server.

Sametime Mobile users can connect to the Community Server directly using the STLinks protocols. STLinks allows Sametime Mobile clients to connect to the Community Server over port 8082 by default by using 128-bit encryption. If HTTP tunneling is configured on the Sametime Community Server, the connection can additionally be made over port 80. STLinks is also reachable through the Sametime client port 1533. As with any direct server connection, you would want to secure firewall ports to limit traffic for appropriate users and ports.

Finally, the mobile connections can be configured to support a standard web proxy server such as Apache HTTP server or IBM HTTP server. The proxy server must issue standard HTTP 401 or 407 challenge requests. If you are planning to use a reverse proxy server, it must use cookies for authentication. Additionally, plan to configure your server with a SSL certificate obtained from a trusted certificate provider. Many mobile devices do not support self-signed SSL certificates, and therefore will not connect to web services signed with them.

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
Configuring the Community Server for mobile client downloads

To begin the download configuration, start the Sametime Community Server and log in to the Community web page at http://communityserverhostname/stcenter.nsf. Click on Administer the Server. In the list of options for administration, click on Configuration followed by Sametime Mobile. The Configuration – Sametime Mobile page displays links for configuring each mobile device download.

The following screenshot shows the configuration page for Blackberry devices. The settings here are those that appear as default on the application when it is installed.

Before making any changes on this panel, you should review the settings of your Blackberry Enterprise Server (BES). It is important to verify if Blackberry MDS is being used, and whether or not the Blackberry client is to be automatically pushed to the devices. If your BES Administrator wants the Sametime client to be auto-deployed to the Blackberries, then an IT policy will need to be created on the BES server for that purpose. You will need to generate a custom IT policy rule with the information generated on this panel that can then be used to populate the rule on the BES server.

For More Information:
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Blackberry devices may also be using Blackberry Internet Services (BIS) rather than being connected to a BES. If this is the case, these users may still use the Sametime Mobile client and the Sametime download page, but they will not be able to use MDS to connect to the Community Server or have the client automatically deployed to their devices.

The following screenshot is an example of the configuration page for the Nokia device download. As with the Blackberry download page, you can include the Sametime server name, the port in which the users will connect, and what type of connection will be used. If you are using a proxy connection, you will be required to include the proxy URL string and indicate what credentials should be used to authenticate. These configuration steps will help to minimize the actions that the users have to take once they download the software to their device.
Chapter 11

The following screenshot shows an example of the download configuration for Sony Ericsson devices:

![Sametime Mobile - Nokia® Eseries](image)

![Sametime Mobile - Sony Ericsson® M600/P900/P1 Series](image)

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
The following screenshot displays the settings for the Windows Mobile download configuration.

Remember to include information in the **Hint for user's first time login** field as this will assist the user with the first connection to the Sametime Community or Proxy Server.

### Sametime Mobile - Microsoft® Windows® Mobile Smartphone/Standard and PocketPC/Professional

Specify the settings for mobile users.

- **Hint for user's first time login:**
  - IM Server is LucySkyDiamonds

- **Sametime server name:**
  - st.lucyskydiamonds.com

- **Port:**
  - 8082

Select proxy settings:
- proxy connection
  - Proxy URL

Log in using Sametime Connect user name and password

Configure log in settings for Lotus Mobile Connect:
- Use Sametime Connect user ID and password

[Update]  [Cancel]

### Configuring the Sametime Community and Proxy Servers

Part of the implementation of the Sametime access for mobile devices, especially if you are providing browser-client support, includes using the Sametime Proxy Server to connect to the Community Server. The Sametime Proxy Server will have asked you for a Community Server name during its install, so it will already know the name of the server to which it should connect. However, the Sametime Community Server will not know that the Sametime Proxy Server will be connecting to it.

To ensure that your Sametime Community Server will accept connections from
the Sametime Proxy Server, you must add the IP address of the Sametime Proxy Server as a **Trusted IP** to the Sametime Community Server. This tells the Sametime Community Server that it is permissible to accept clients and connections that come from the Sametime Proxy Server.

To configure the Sametime Proxy Server as a **Trusted Server**, you need to modify the configuration of the Sametime Community Server. You do this by logging into the SSC and choosing the Community Server you want to modify. The **Sametime Servers** list contains a link to the Community Server.

On the **Connectivity** page of the Community Server configuration, there is a section entitled **Trusted Servers**. This is where you would enter the IP address of the Sametime Proxy Server which confirms that it should be trusted by the Community Server for connections it initiates.

Once your changes are saved, the Community Server will take up to sixty minutes to accept this change. You could also restart the Community Server for the changes to go into effect immediately.

For More Information:
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If you do not use a SSC to manage your Community Server, you would instead make this change directly in the Community Connectivity document in stconfig.nsf on the Sametime server. If you do use a SSC to manage your Community Server, you must make the change there as that configuration will overwrite any other configuration changes.

**Sametime Mobile clients**

In Sametime 8.5.2, one of the most important items was the announcement of support for Sametime on several additional mobile devices including Androids and iPhones/iPods/iPads. Additionally, a Sametime meeting client is also available for Blackberry.

**Sametime Mobile for Android**

New in Sametime 8.5.2 is the support for Sametime Mobile on Android devices. The new client offers some interesting features. If a user is running the Sametime client in the background, they will now be notified when new messages are received. The use of the camera is now integrated into chats. A user can take a picture and send it to the chat participants, or they can select and include a picture from their picture library into a chat. The new text-to-speech feature will read chat messages aloud, enabling a user to visually focus on something else during a chat exchange. Finally, the Sametime geographic location information is updated from the GPS receiver on the device. More information can be found on the Sametime client for Android User's Guide found at http://www.lotus.com/ldd/stwiki.nsf/xsp/.ibmmodres/domino/OpenAttachment/ldd/stwiki.nsf/1AA1FBECA6BA5AC8852578A20078685F/attach/ATTOXOC5.

The Sametime Mobile client is installed as an .apk file on your Android device. The software is downloaded from the Proxy Server using a URL address that resembles the following URL: http://st.lucyskydiamonds.com:9080/stmobile/sametime.html.

To install the Sametime client, the Android must be configured to allow non-Android market applications to be installed. This step is accomplished by going to **Device Settings | Select Application** and selecting the **Unknown Sources** box. Some cell phone carriers (in particular AT&T) do not allow non-marketplace or non-trusted applications to be installed.

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
Once the client is installed, a user would log in with credentials that are authorized for access to the Sametime Proxy Server. The Sametime client looks like the following screenshot:

![Sametime Instant Messaging client for Blackberry devices](image)

**Sametime Instant Messaging client for Blackberry devices**

There are now two separate client applications for Blackberry to support Sametime services. The first is the updated Sametime Instant Messaging client for Blackberry devices. Users can install this client by browsing to `http://<hostname>/mobile` on their Blackberry device and selecting the Blackberry install. Once installed, the client will have default settings that have been applied by the Sametime Administrator allowing the user to login.

For More Information:

Sametime instant messaging tasks can also be accomplished on the Blackberry using the Blackberry Enterprise Messenger client. However, the Sametime Mobile client offers much better integration with all the Sametime features. This includes support for multiple one-to-one and n-way chats, use of privacy settings, adding of public groups, and status management. Messages received can also be displayed in the Blackberry inbox, providing a single point of reference for all communications.

**Sametime Meeting client for Blackberry devices**

A new client for Sametime Meetings is now available for Blackberry devices running OS5 or OS6. With this client, Blackberry users can now participate in Sametime meetings. Participation includes joining discussions, seeing participants, and viewing a presentation, application, or document that is being shared. To install the Meeting client, the user first needs to respond to a meeting invitation and attend a meeting. This can be done by clicking on the meeting URL in a calendar invite or in an e-mail from their Blackberry.

For More Information:

www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
The next screen allows you to install the Sametime Meeting client or go directly to your meeting room.

![IBM Lotus Sametime Meeting Rooms](image)

Once the Meeting client is installed, the user can search for the meeting or go directly into it by clicking on the URL.

![Sametime Admin Guide](image)

Users can also add additional Meeting Room Servers if they need to access meetings on more than one server.

![Meeting Room Servers](image)

For More Information:
```bash
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
```
The following screenshot shows the configuration of the Meeting Room Server login. Note that the Meeting Room Server only accepts e-mail addresses as logins and not names, so the user will have to use their primary e-mail address.

![Meeting Room Server Configuration](image)

**Sametime for iPhone, iTouch, and iPad**

Sametime on the iPhone, iTouch, and iPad devices from Apple allows users to chat and have awareness features on the go. While the Sametime browser client does not offer the full functionality of the Sametime Connect Client on a PC, it does offer a useful subset that is most often needed when travelling or away from the office:

- Online status and availability
- Chat
- Emoticons
- Announcements
- Contact and contact management (both for individuals and groups)
- Business card displays

The system requirements for Sametime on these devices are:

- Apple iPhone 3G, 3GS, 4 (2.x or higher OS)
- Apple iPod Touch (2.x or higher OS)
- Apple iPad (2.x or higher OS)

For More Information:
To run Sametime on an iPhone or iPad, a user starts the Safari browser with JavaScript enabled. The Sametime session is run within the browser, pointing to the Sametime Proxy Server within the Sametime environment. To access the sign-on page, enter the URL of the Sametime Proxy Server using a fully qualified domain name along with the port number. An example of a Sametime Proxy Server URL for use with an iPhone would be the following URL: http://st.lucyskydiamonds.com:<proxyport>/stwebclient/iphone_index.jsp.

Port 9082 is the default port number when the Sametime Proxy Server is installed. However, the Proxy Server may install on a different port if you are installing multiple servers on the same machine. In our example where several servers are installed together, the default port was assigned as 9084. To confirm the ports in use, log in to the SSC and choose the Sametime Proxy Server under WAS and select Ports from the Proxy Server's configuration menu. The port that will be used will be identified as either WC_defaulthost or WC_defaulthost_secure.

<table>
<thead>
<tr>
<th>WC_defaulthost</th>
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<th>9084</th>
</tr>
</thead>
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</tbody>
</table>

The following screenshot is an example of the Sametime 8.5.2 login panel on the iPhone:

For More Information:
www.packtpub.com/ibm-sametime-8-5-2-administration-guide/book
From the Apple device, users can work with their contact lists, as shown in the following screenshot:

When Sametime loads on the device for the first time, it will take slightly longer than normal. The device is downloading parts of the application and storing them locally. That means that future uses of Sametime will be faster as part of the application is already stored and available for immediate use.

A good tip for using Sametime is to add a bookmark to the site as an icon on your device screen. In Safari, bookmark the home page of the Sametime site, and choose Add To Home Screen as the bookmarking location. This puts the Sametime icon on the device workspace, and it can then be quickly accessed in the future.

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When using the Sametime browser on the iPhone, there are certain limitations and restrictions that should be remembered:

- The Sametime browser client is only active when it is running in the foreground on the iPhone, iPad, or iPod Touch. If the client browser page is in the background due to running another application, browsing a different page, or in power-saving mode, any messages sent to you will not be displayed or received.
- As the Sametime client is running as a browser application, JavaScript must be enabled in Safari.
- A user must log out of Sametime in order for their status to change to offline and to prevent further messages from being sent to them.
- For scrolling through chat transcripts, a two-finger scrolling action must be used.

IBM has announced that a native iOS Sametime client, which can be used in lieu of the browser interface, is due for release in late 2011.

Summary
In this chapter, you learned what Sametime Mobile is and what basic features are offered on the different clients. You learned how to configure the Sametime Community Server for mobile access, and what files on the server need to be updated. You learned how to configure the Sametime Community Server to allow the different mobile clients to be downloaded and installed. You learned about the trust relationship that is configured between the Community Server and Proxy Server to permit browser client access. Finally, you learned about each of the mobile devices and the Sametime feature sets that are supported for each one. In the next chapter, the reader will learn how to monitor, manage, and troubleshoot the various Sametime servers.

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