

ThreatFactor NSIA - Bug #153

Mail Action Does Not Accept TLS

05/13/2010 04:00 PM - Luke Murphey

Status:	Closed	Start date:	05/13/2010
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	0.9 (Beta)		
Description			
The email incident response action does not allow TLS to be used.			

History

#1 - 05/13/2010 04:03 PM - Luke Murphey

See <http://forums.sun.com/thread.jspa?threadID=759635> for an example:

```
import javax.mail.*;
import javax.mail.internet.*;
import java.util.*;

public class Main
{
    String d_email = "ADDRESS@gmail.com",
        d_password = "PASSWORD",
        d_host = "smtp.gmail.com",
        d_port = "465",
        m_to = "EMAIL ADDRESS",
        m_subject = "Testing",
        m_text = "Hey, this is the testing email.";

    public Main()
    {
        Properties props = new Properties();
        props.put("mail.smtp.user", d_email);
        props.put("mail.smtp.host", d_host);
        props.put("mail.smtp.port", d_port);
        props.put("mail.smtp.starttls.enable", "true");
        props.put("mail.smtp.auth", "true");
        //props.put("mail.smtp.debug", "true");
        props.put("mail.smtp.socketFactory.port", d_port);
        props.put("mail.smtp.socketFactory.class", "javax.net.ssl.SSLSocketFactory");
        props.put("mail.smtp.socketFactory.fallback", "false");

        SecurityManager security = System.getSecurityManager();

        try
        {
            Authenticator auth = new SMTPAuthenticator();
            Session session = Session.getInstance(props, auth);
            //session.setDebug(true);

            MimeMessage msg = new MimeMessage(session);
            msg.setText(m_text);
            msg.setSubject(m_subject);
            msg.setFrom(new InternetAddress(d_email));
            msg.addRecipient(Message.RecipientType.TO, new InternetAddress(m_to));
            Transport.send(msg);
        }
        catch (Exception mex)
        {
            mex.printStackTrace();
        }
    }

    public static void main(String[] args)
```

```
{
    Main blah = new Main();
}

private class SMTPAuthenticator extends javax.mail.Authenticator
{
    public PasswordAuthentication getPasswordAuthentication()
    {
        return new PasswordAuthentication(d_email, d_password);
    }
}
```

## #2 - 06/01/2010 10:58 PM - Luke Murphey

See also:

- <http://pipoltek.blogspot.com/2008/02/sending-mail-using-gmail-smtp-server.html>
- <http://java.sun.com/products/javamail/javadocs/com/sun/mail/smtp/package-summary.html>
- <http://forums.sun.com/thread.jspa?threadID=5417045>
- [http://blogs.sun.com/apanicker/entry/java\\_code\\_for\\_smtp\\_server](http://blogs.sun.com/apanicker/entry/java_code_for_smtp_server)
- <http://java.sun.com/products/javamail/SSLNOTES.txt>

## #3 - 06/02/2010 12:11 AM - Luke Murphey

- Target version set to 0.9 (Beta)

## #4 - 06/02/2010 12:15 AM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 0 to 100

Fixed in r478.