**Create Service With Thread**

public partial class NotificationRobotSvc : ServiceBase

{

static ExchangeService service;

static BlockingCollection<string> queue = new BlockingCollection<string>();

private static ILog log = LogManager.GetLogger(MethodBase.GetCurrentMethod().DeclaringType);

public NotificationRobotSvc()

{

InitializeComponent();

}

Thread thread;

protected override void OnStart(string[] args)

{

//create a thread to get the service going, as OnStart has to return to SCM quickly

thread = new Thread(this.StartService);

thread.Start();

}

protected override void OnStop()

{

log.Info("Service stopping...");

thread.Abort();

log.Info("Service stopped.");

}

private void StartService()

{

log4net.Config.XmlConfigurator.Configure();

log.Info("Service starting...");

GetSettings();

StartExchangeService();

SetFolders();

ProcessPendingEmails();

Subscribe();

log.Info("Service started.");

var emailConsumer = System.Threading.Tasks.Task.Factory.StartNew(() => GetEmailsFromQueue());

}