MPLAB® XC HPA Renewal Instructions

HIGH PRIORITY ACCESS (HPA) OVERVIEW

When you purchase an MPLAB® XC C Compiler (Standard or Pro Edition), you receive a year of High Priority Access (HPA) support at no charge. After that, you may purchase HPA in one-year increments. You may purchase HPA at any time; it is not necessary to purchase it continuously.

If your HPA has expired, you are entitled to download all compiler versions that have been released up to the time of the expiration. You can download these at any time.

This table compares compiler features without HPA (after the free one-year period has ended) and with HPA.

Features	Without HPA	With HPA
Compiler License	✓	✓
New Part Support	✓ (with existing features)	✓
Bug Fixes		✓
New Device Features		✓
New Architecture		✓
New Compiler Features		✓
Technical Support	✓	Premium Level

The following table matches the compiler with its corresponding HPA and links them to the product page on Microchip Direct:

Compiler	Part Number	HPA Part Number
MPLAB® XC 8 PRO Workstation	SW006021-2	SW006021-2H
MPLAB® XC 8 Standard Workstation	SW006021-1	SW006021-1H
MPLAB® XC 8 PRO Network Server	SW006021-2N	SW006021-2NH
MPLAB® XC 8 Standard Network Server	SW006021-1N	SW006021-1NH
MPLAB® XC 16 PRO Workstation	SW006022-2	SW006021-2H
MPLAB® XC 16 Standard Workstation	SW006022-1	SW006021-1H
MPLAB® XC 16 PRO Network Server	SW006022-2N	SW006021-2NH
MPLAB® XC 16 Standard Network Server	SW006022-1N	SW006021-1NH
MPLAB® XC 32 PRO Workstation	SW006023-2	SW006021-2H
MPLAB® XC 32 Standard Workstation	SW006023-1	SW006021-1H
MPLAB® XC 32 PRO Network Server	SW006023-2N	SW006021-2NH
MPLAB® XC 32 Standard Network Server	SW006023-1N	SW006021-1NH
MPLAB® XC 32++ PRO Workstation	SW006023-3	Not released yet
MPLAB® XC 32++ PRO Network Server	SW006023-3N	Not released yet

Detailed information on purchasing and activating your MPLAB XC HPA renewal is available on the Microchip web site, at: http://www.microchip.com/hpa.

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MPLAB® XC C Compilers High Priority Access (HPA)

MPLAB XC COMPILER HPA RENEWAL

HPA renewal has three basic steps:

1. Purchase the HPA
2. Apply the HPA to the compiler and to the system it's running on
3. Download and run the HPA file

An email will remind you when your HPA is due to expire. You can renew HPA at any time prior to, or after, the expiration with no penalties. This makes it simple to get HPA when you need it.

You can purchase HPA renewal through either of these Microchip accounts:

• a Microchip Direct account: https://www.microchipdirect.com/
• a mySoftware account: http://www.microchip.com/mySoftware

The accounts have matching information, so you can use your login and password on either one, regardless of which one you originally registered with.

HPA is a subscription that needs to be associated with a specific MPLAB XC Compiler. In order to do so, a subscription file will be generated using the machine's host ID, downloaded, and installed on that system.

Instructions for a Microchip Direct account:

1. Login to your Microchip Direct account.
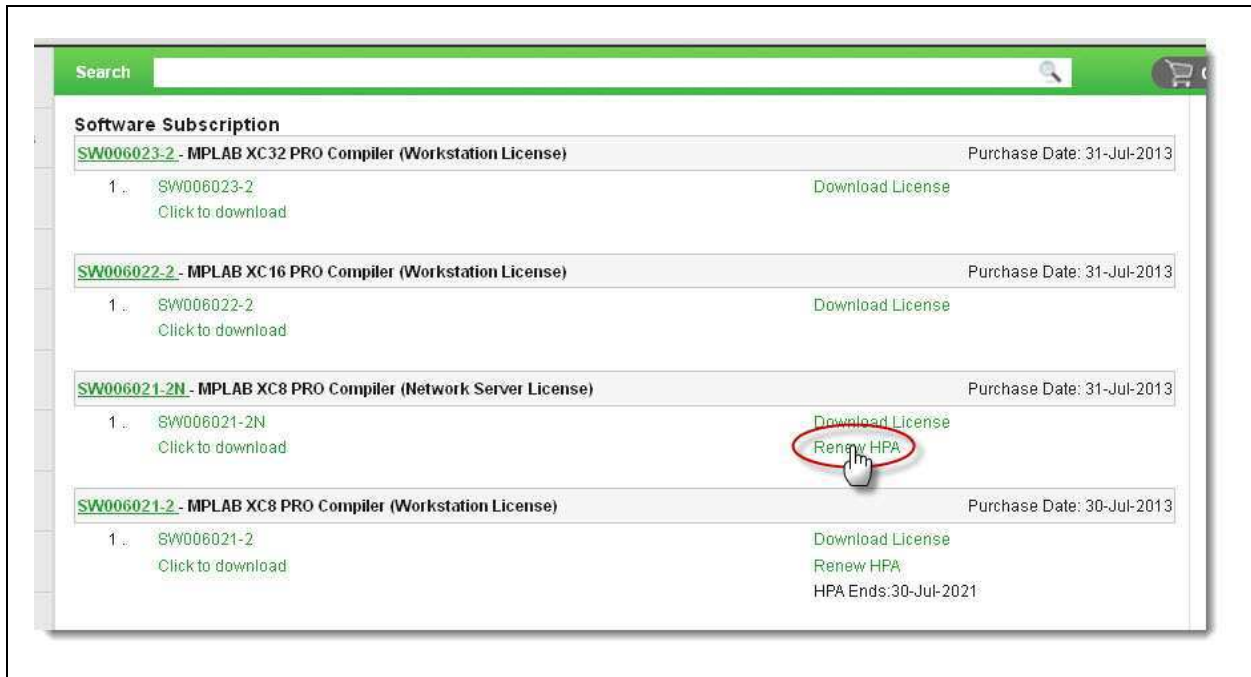2. Click "My Account" in the upper right, and then the "Software Subscription" link.

FIGURE 1:   SOFTWARE SUBSCRIPTIONS

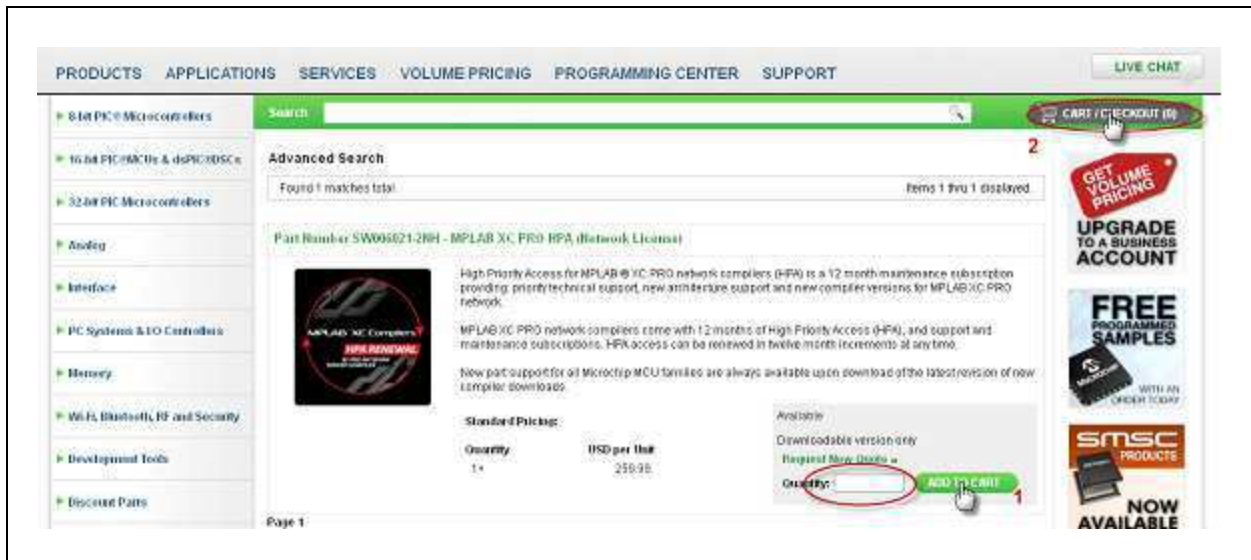© 2013 Microchip Technology Inc.
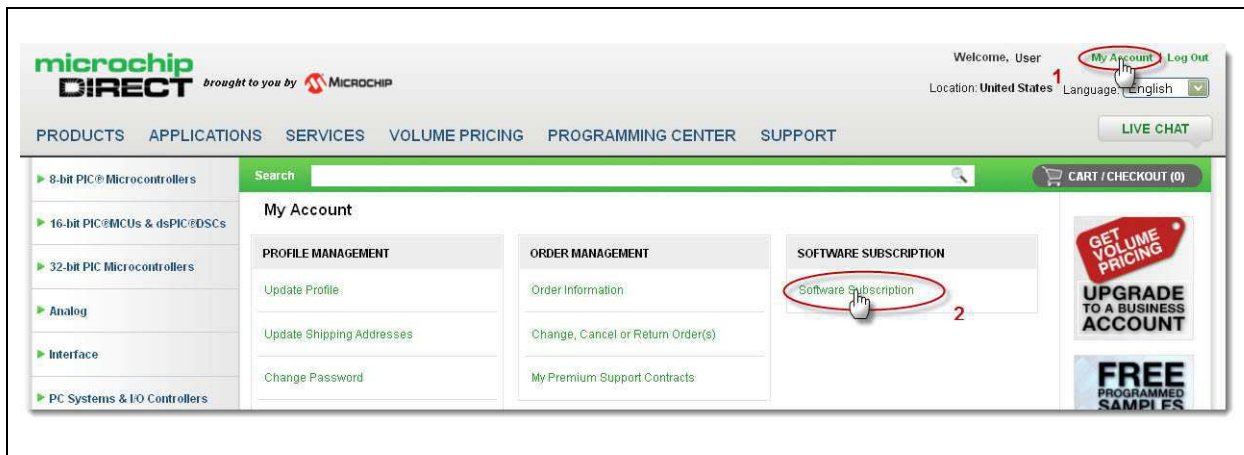
3. Click the "Renew HPA" link to choose the compiler you are going to associate with the new HPA.

FIGURE 2: RENEW HPA

4. A redirect will take you to the HPA product page that is correct for your compiler.
   a) Type the number of HPAs to purchase into the "Quantity" box.
   There is an option to renew multiple years of HPA; each HPA purchased will add another year of HPA to the compiler.
   b) Click **ADD TO CART** beside "Quantity".
   c) Click **CART/CHECKOUT** at top, right.

FIGURE 3: NUMBER OF HPAs

5. Go through the checkout and payment process.
6. After completing the purchase, return to the Microchip Direct account by clicking **VIEW DOWNLOAD INSTRUCTIONS**.

FIGURE 4:   VIEW DOWNLOAD INSTRUCTIONS

7. A redirect will take you back to your Microchip Direct account.

8. After your purchase, the previous "Renew HPA" link now states "Apply HPA". Click "Apply HPA".
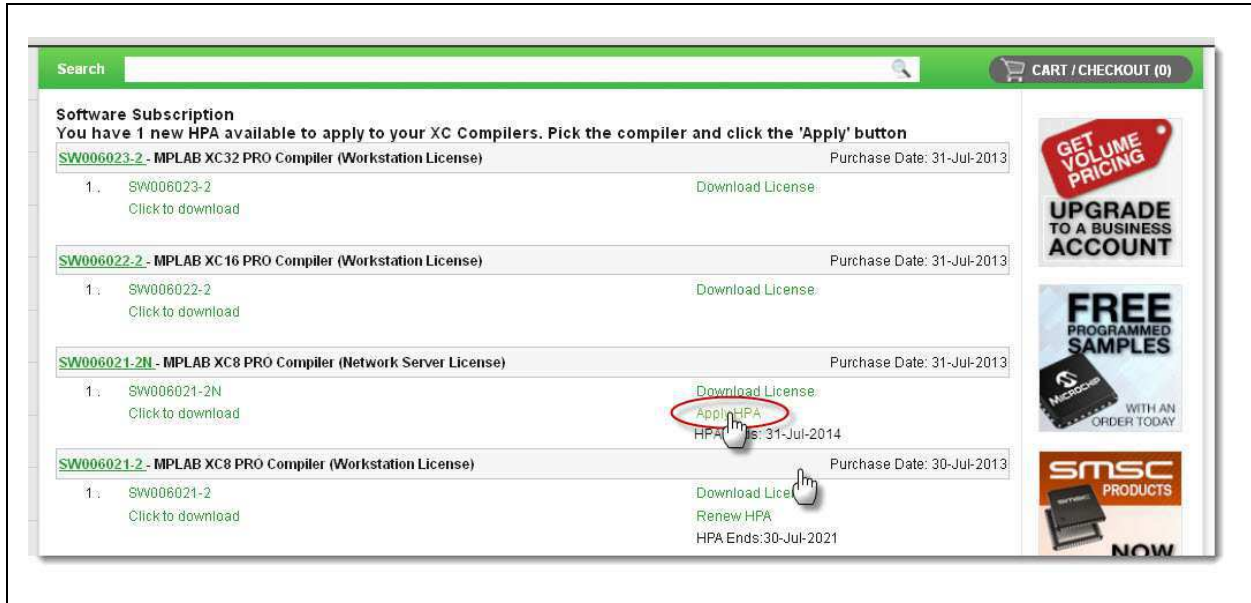
FIGURE 5: **RENEW HPA**

9. A pop-up box appears to confirm the HPA renewal and to remind you to download the subscription file.
    At this point, the HPA begins; regardless of when you actually download and use the file.

FIGURE 6:   RENEWAL CONFIRMATION
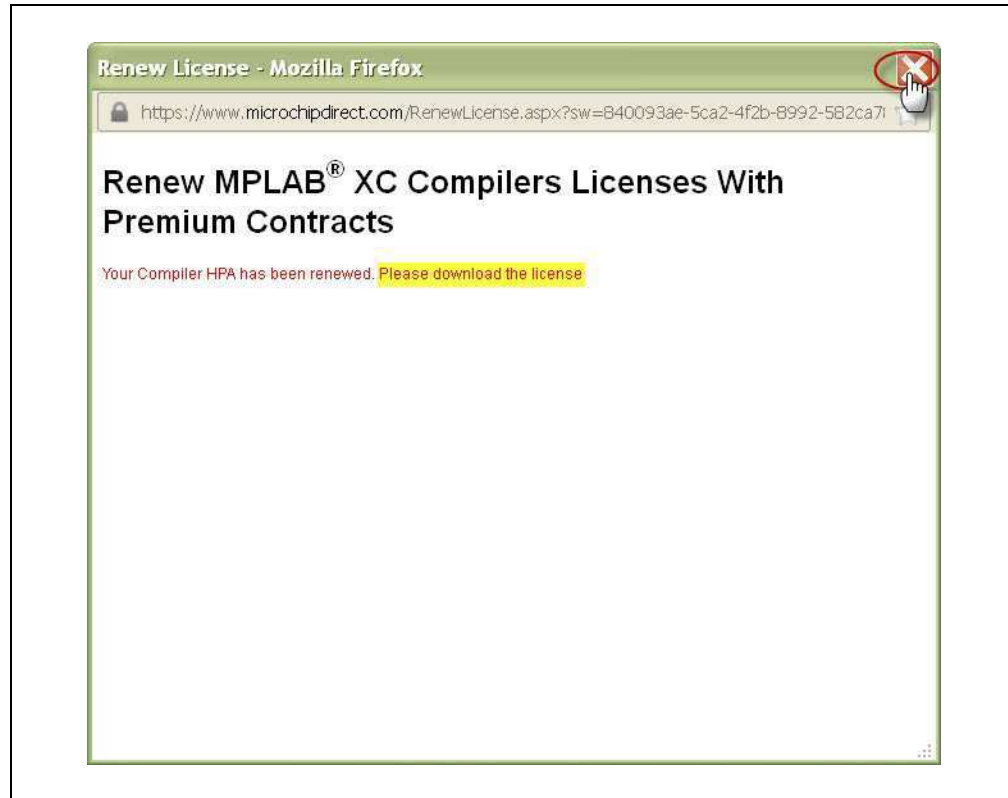
10. Close this window.

11. Back at the Microchip Direct page, a new HPA expiration date shows that one year has been added to the date that the HPA was applied. If more than one year of HPA was purchased, the new date reflects the number of years purchased.

12. Click the "Download License" link to configure the subscription file to the installed compiler machine's host ID.

FIGURE 7: **DOWNLOAD LICENSE**

13. A pop-up window appears. Configure the subscription file for the system's host ID by doing <u>one</u> of the following:

   - Choose an existing system's host ID (this is a machine with the compiler previously installed on it) and click "Download License".

   - Choose a new machine to install the HPA subscription file on.

   In some cases, the compiler may need to be installed on a new system with the new HPA subscription file. This step allows for that option:

   a) Enter the host ID of the new machine.

   b) Click **Get XC license**.

   Workstation licenses can be installed and activated on three (3) host IDs (three systems owned by one user). Network Server licenses can be installed and activated on one.

FIGURE 8:   COMPILER ACTIVATION
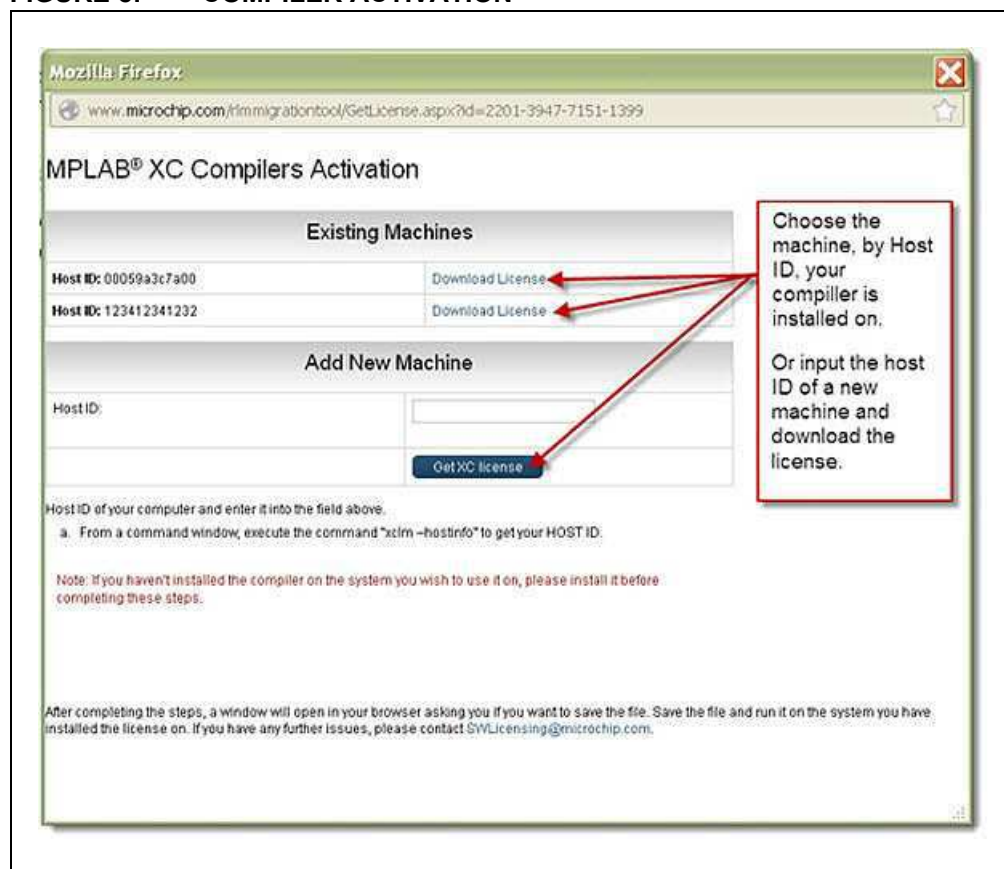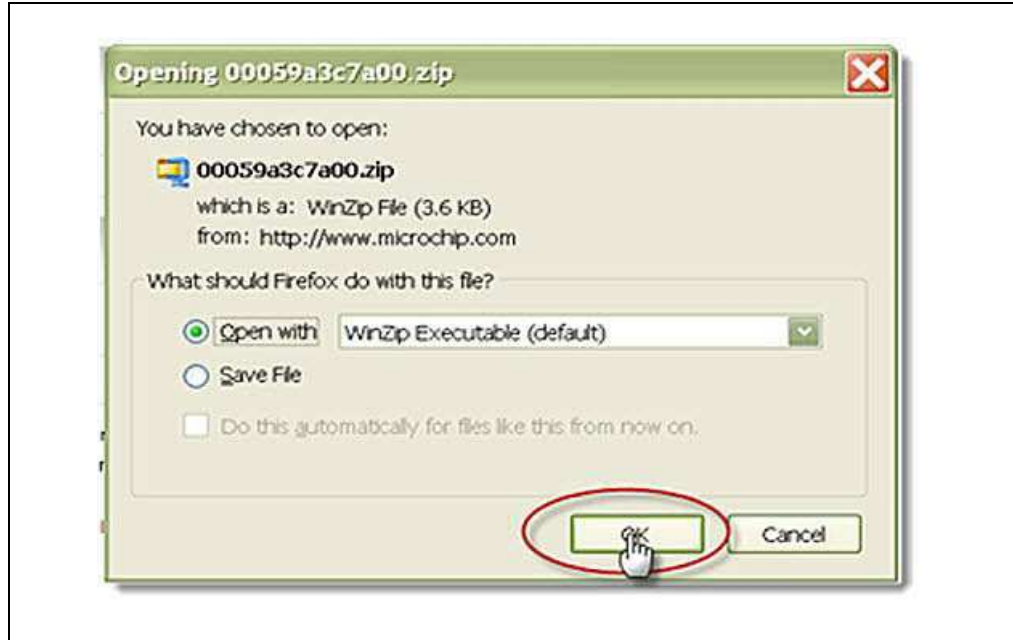
14. A second pop-up window opens. Choose <u>one</u> of the following options:
   - Open and run the file if it has been downloaded onto the machine with the associated compiler and host ID.
   - Save the file to install it on the machine with the associated compiler and host ID.

FIGURE 9:   UNZIP COMPILER FILES

15. **Unzip and run the subscription file in order to install it and access the benefits of HPA.** The year of HPA support starts on the date of purchase.

FIGURE 10:   ZIP FILE CONTENTS
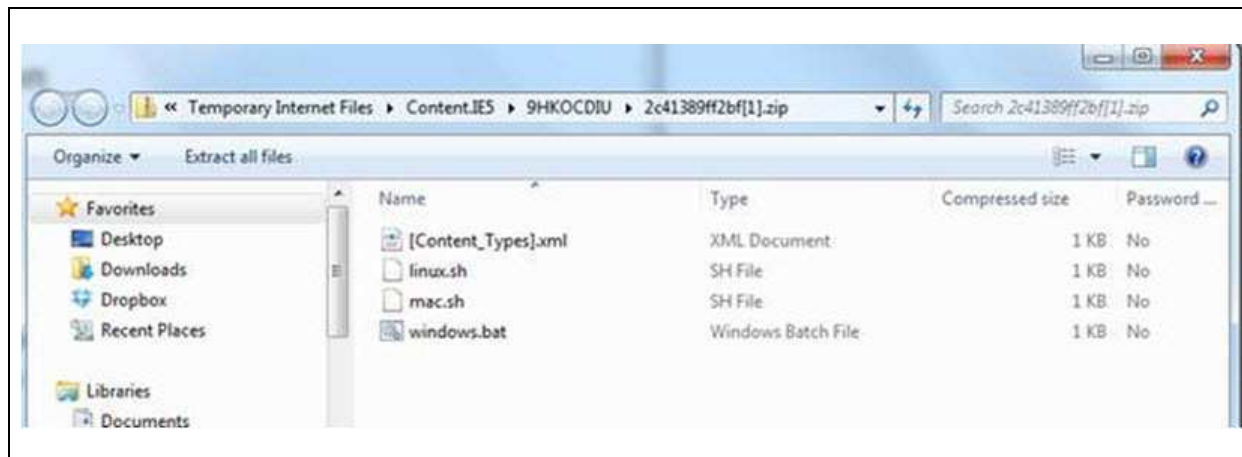
16. After the file is unzipped, there will be three install script windows: windows.bat, linux.sh, and mac.sh. Run the script that is appropriate for your operating system in a Command window (for a Windows operating system) or a Terminal window (for a Mac OS X or Linux) to install the file.

### Instructions for a mySoftware account:

1. If the compiler was purchased from a distributor, you should have received an activation key. When the activation key is available, login to your mySoftware account at: http://www.microchip.com/mySoftware

   a) If you do not have a mySoftware or Microchip Direct account, register for an account in order to configure and download the HPA license.

   b) The compiler to associate the new HPA license with must be in your mySoftware account. If it is not, manually add the compiler serial number and activation key into the account.

2. If the compiler was purchased from Microchip Direct, the compiler information should already be in the account upon login.

3. The HPA license needs to be associated with a particular compiler. Click on **Renew** for the compiler to associate the new HPA with.
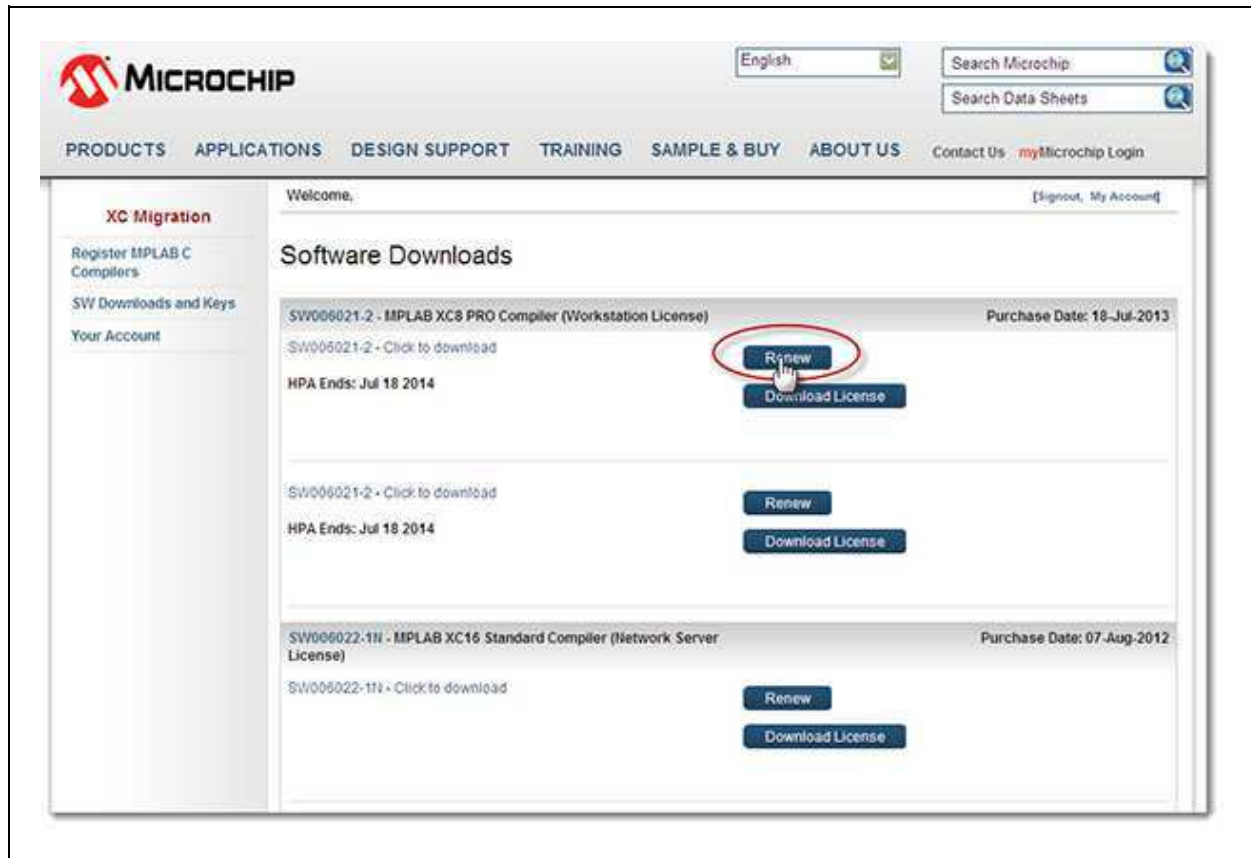
FIGURE 11:   RENEW HPA

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4. A redirect will occur to the correct HPA product page for the compiler on Microchip Direct.

   a) Type the number of HPAs to purchase into the "Quantity" box.
      There is an option to renew multiple years of HPA; each HPA purchased will add another year of HPA to the compiler.

   b) Click **ADD TO CART** beside "Quantity".

   c) Click **CART/CHECKOUT** at top, right.

FIGURE 12:   NUMBER OF HPAs
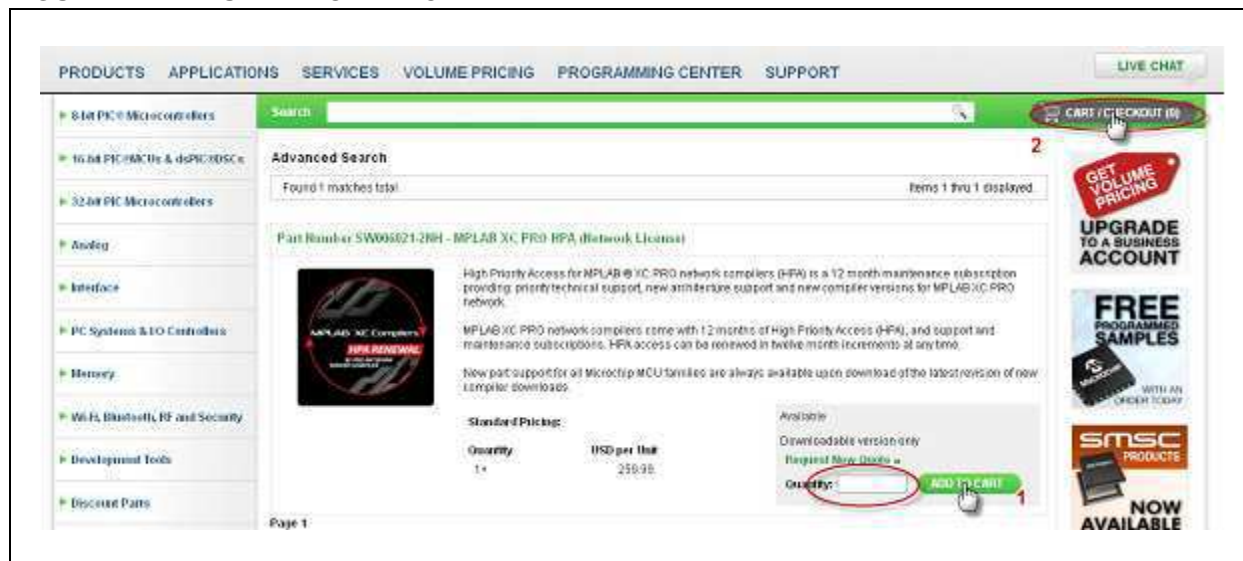
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5. Go through the checkout and payment process.

6. After completing the order, return to the mySoftware account to configure the new subscription file. Click on the **Software Downloads** tab in your browser for the MySoftware account.

FIGURE 13:   SOFTWARE DOWNLOADS

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7. Refresh the mySoftware page in the browser to show the purchased HPA.

8. A statement will appear at the top of the account, showing the HPAs available to apply to the compilers.

9. Click **Apply HPA** for the compiler to associate it with. The HPA license will be now be configured for this compiler.

FIGURE 14:   APPLY HPA

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10. A pop-up box appears to confirm the HPA renewal and to remind you to download the subscription file.
    At this point, the HPA begins, regardless of when you actually download and use the file.

FIGURE 15: RENEWAL CONFIRMATION
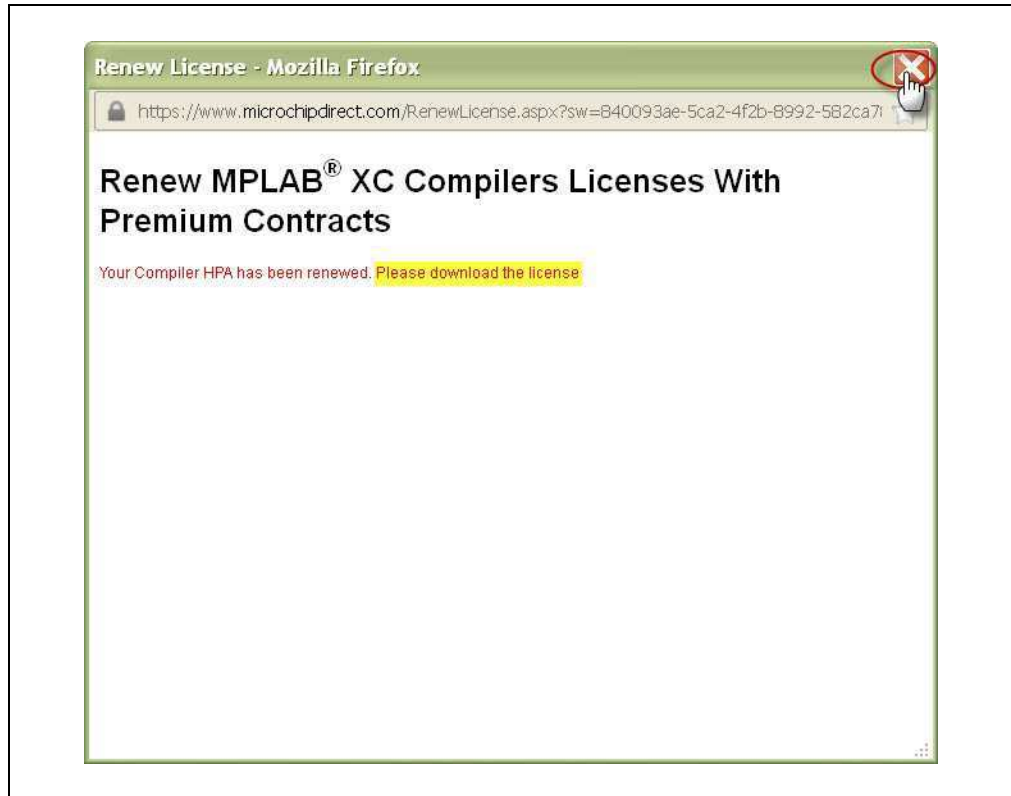
11. Close this window.

12. A new HPA expiration date appears, showing that one year has been added to the date that the HPA was applied. If more than one year of HPA was purchased, the new date reflects the number of years purchased.

13. Click **Download License** to configure the subscription file to the installed compiler machine's host ID.

FIGURE 16:   DOWNLOAD LICENSE
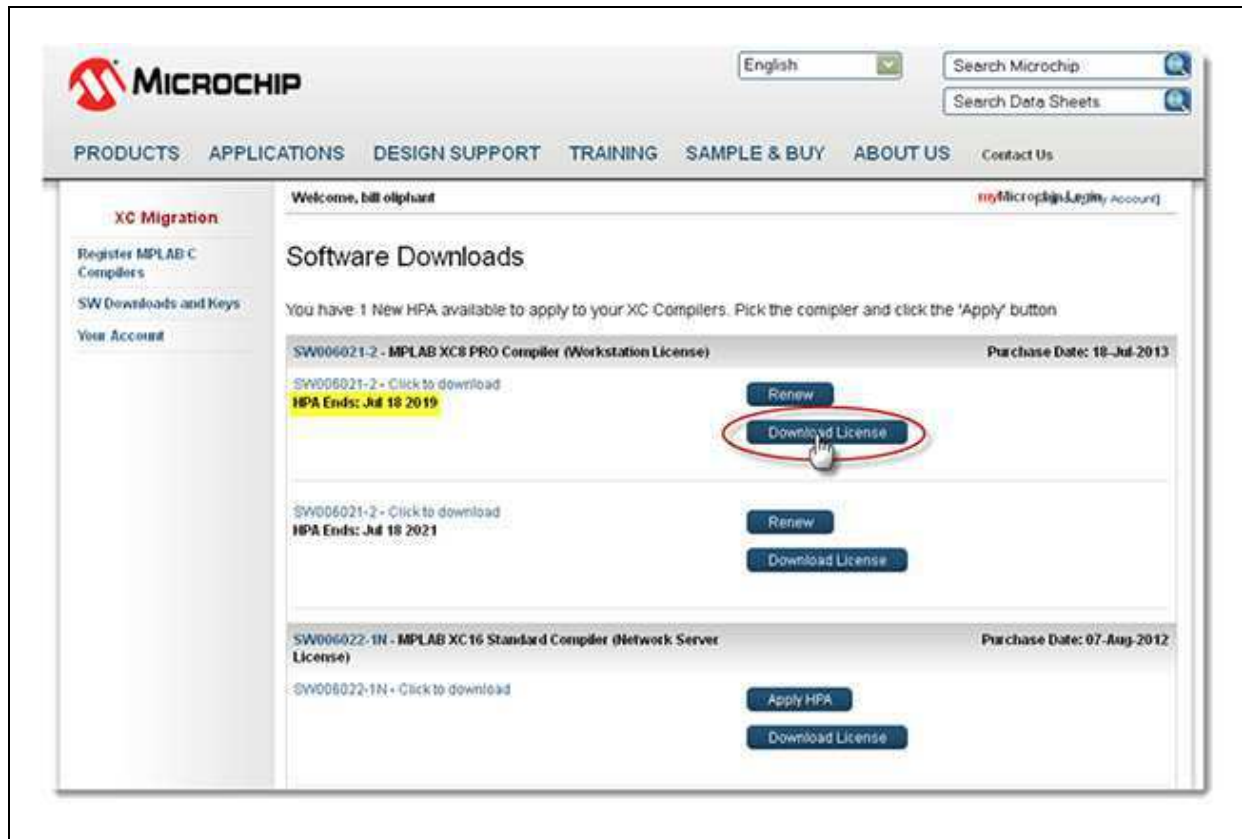
14. A pop-up window will appear. Configure the subscription file for the systems host ID. Choose from <u>one</u> of the following options:

- Choose an existing system's host ID (this is a machine with the compiler previously installed on it) and click "Download License".

- Choose a new machine to install the HPA license on.

In some cases, the compiler may need to be installed on a new system with the new HPA subscription file. This step allows that option.

a) Enter the host ID of the new machine

b) Click **Get XC license**.

Workstation licenses can be installed and activated on three (3) host IDs (three systems owned by one user). Network Server licenses can be configured on one.

FIGURE 17: COMPILER ACTIVATION
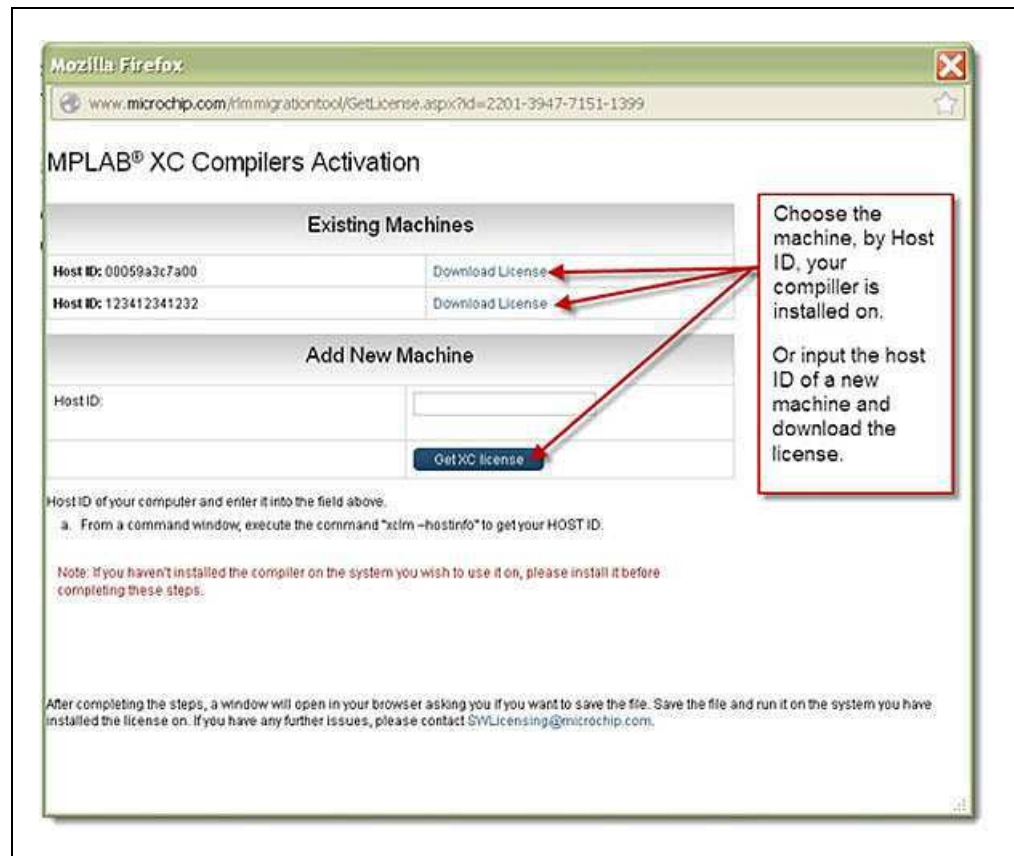
15. A second pop-up window will open. Choose <u>one</u> of the following options:
   - Open and run the file if already on the machine with the associated compiler and host ID.
   - Save the file to install it on the machine with the associated compiler and host ID.

FIGURE 18:   UNZIP COMPILER FILES
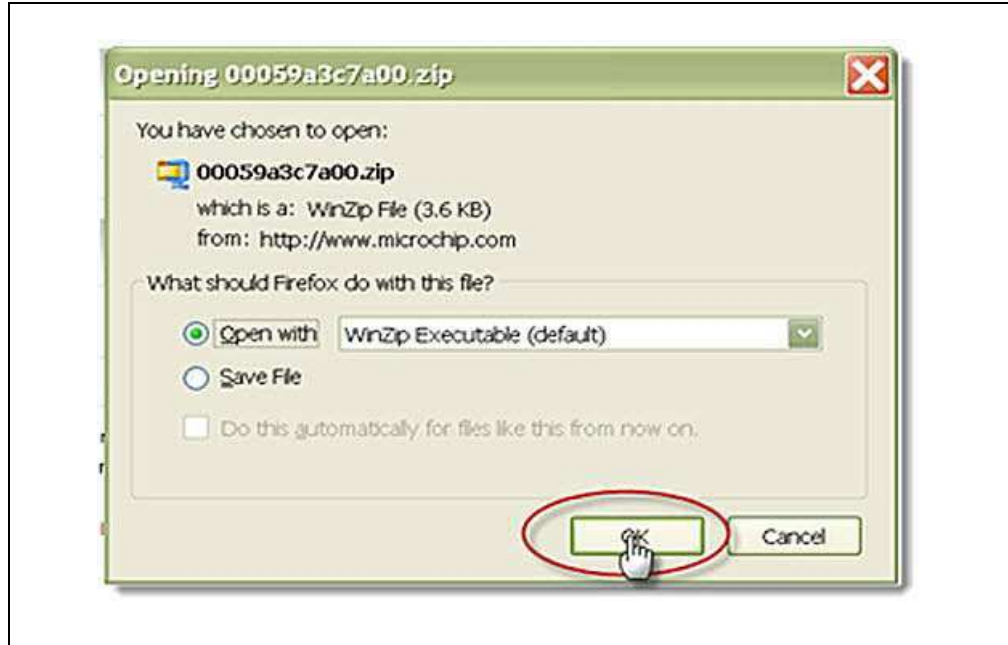
16. **Unzip and run the file in order to install it and access the benefits of HPA.** The year of HPA support starts on the date of purchase.

FIGURE 19: ZIP FILE CONTENTS
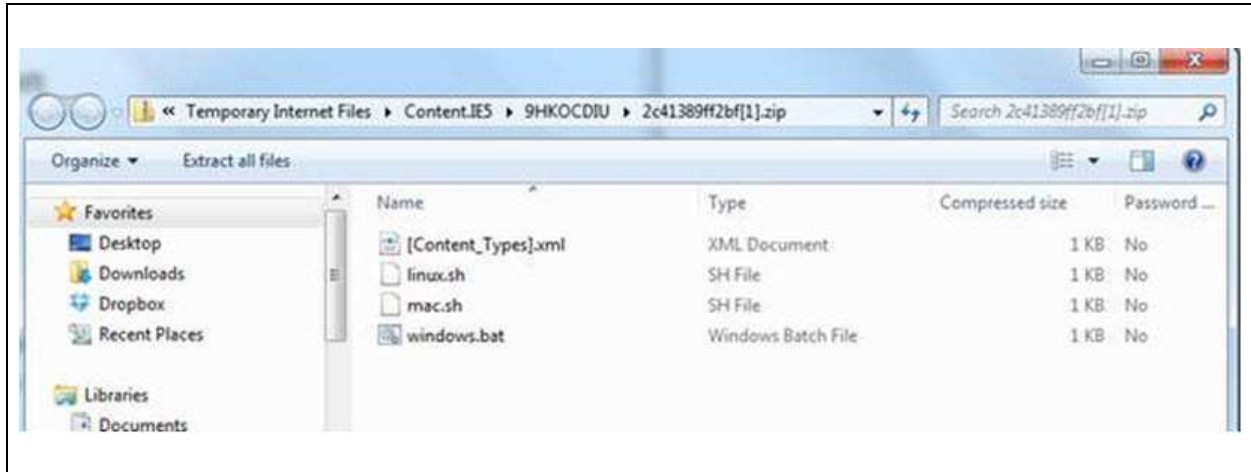
17. After the file is unzipped, there will be three install script windows: windows.bat, linux.sh, and mac.sh. Run the script that is appropriate for your operating system in a Command window (for a Windows operating system) or a Terminal window (for a Mac OS X or Linux) to install the file.

NOTES:

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- Microchip products meet the specification contained in their particular Microchip Data Sheet.

- Microchip believes that its family of products is one of the most secure families of its kind on the market today, when used in the intended manner and under normal conditions.

- There are dishonest and possibly illegal methods used to breach the code protection feature. All of these methods, to our knowledge, require using the Microchip products in a manner outside the operating specifications contained in Microchip's Data Sheets. Most likely, the person doing so is engaged in theft of intellectual property.

- Microchip is willing to work with the customer who is concerned about the integrity of their code.

- Neither Microchip nor any other semiconductor manufacturer can guarantee the security of their code. Code protection does not mean that we are guaranteeing the product as "unbreakable."

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