

# SKM Code Changes

## EONLINE

### mpCustomer.master

```
217 ~ / dx:MenuItem>
218
219 <!-- Added at 10-12-2025 by allif -->
220 <dx:MenuItem Name="skmv2portal" runat="server"
221     Text="Portalv2 SKM"
222     NavigateUrl=""
223     Enabled="True">
224     <Image Height="32px" Url="~/App_Themes/shakehand.png" W:
225 </dx:MenuItem>
```

1. line 219 - 225

### mpCustomer.master.vb

```
3 '' Add by allif on 5 Dec 2025
4 Imports System.Security.Cryptography
```

1. line 3 - 4

```
11 '' Add by allif on 5 Dec 2025
12
13 Dim item = ASPxMenu1.Items.FindByName("skmv2portal")
14 If item IsNot Nothing Then
15
16
17     If Session("UserID") Is Nothing OrElse String.IsNullOrEmpty(Session("UserID").ToString()) Then
18         item.Enabled = False
19         item.NavigateUrl = "javascript:void(0);"
20     Else
21         Dim secret As String = ConfigurationManager.AppSettings("HmacSecret")
22         If String.IsNullOrEmpty(secret) Then
23             Throw New InvalidOperationException("HmacSecret not configured in web.config")
24         End If
25
26         Dim token As String = CreateSecureToken(Session("UserID").ToString(), Session("UserType").ToStri
27         Dim baseUrl As String = ConfigurationManager.AppSettings("PortalBaseUrl")
28         If String.IsNullOrEmpty(baseUrl) Then
29             Throw New InvalidOperationException("PortalBaseUrl not configured in web.config")
30         End If
31
32         Dim url As String = baseUrl & "/site/auth-token?token=" & HttpUtility.UrlEncode(token)
33         item.Enabled = True
34         item.NavigateUrl = url
35     End If
36 End If
37
38 End If
39
40 '' end add
```

## 2. line 11 - 40

```
71  '' Add by allif on 5 Dec 2025
72  Private Function CreateSecureToken(username As String, usertype As String, secretKey As String) As String
73
74      Dim timestamp As String = DateTime.UtcNow.ToString("s") ' ISO8601
75      Dim payload As String = String.Format("{0}|{1}|{2}", username, usertype, timestamp)
76      Dim payloadBytes As Byte() = Encoding.UTF8.GetBytes(payload)
77
78      Using hmac As New HMACSHA256(Encoding.UTF8.GetBytes(secretKey))
79          Dim sig As Byte() = hmac.ComputeHash(payloadBytes)
80          Return Convert.ToBase64String(payloadBytes) & "." & Convert.ToBase64String(sig)
81      End Using
82  End Function
```

## 3. line 71- 82

# web.config

```
28  <add key="HmacSecret" value="cms-skm-vpH8K0bbnE5lsEk3kT4SSZyMkbjn1BCq" />
29  <add key="PortalBaseUrl" value="http://10.2.100.194" />
```

1. line 28-29 // for base url, change to production url/domain

# INFOKOP

## defaultDark

```
274  <asp:LinkButton runat="server" ID="skmv2portal" BackColor="#FF9900" Width="400px" Height="18"
275  Style="display: block; padding: 0; border-style: outset;"
276  ForeColor="White" Text="Cms Skm Portal V2">
277  </asp:LinkButton>
```

1. line 274 - 277

## defaultDark.vb

```
4  Imports System.Security.Cryptography ''Added for encrypt
```

1. line 4

```
828  '' Add by allif on 5 Dec 2025
829  Private Function CreateSecureToken(username As String, secretKey As String) As String
830      Dim nonce As String = DateTime.UtcNow.Ticks.ToString()
831      Dim payload As String = username & "|" & nonce
832      Dim payloadBytes As Byte() = Encoding.UTF8.GetBytes(payload)
833      Using hmac As New HMACSHA256(Encoding.UTF8.GetBytes(secretKey))
834          Dim sig As Byte() = hmac.ComputeHash(payloadBytes)
835          Return Convert.ToBase64String(payloadBytes) & "." & Convert.ToBase64String(sig)
836      End Using
837  End Function
838
839  '' Add by allif on 5 Dec 2025
840  Private Sub skmv2portal_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles skmv2portal.Click
841      RekodLog(skmv2portal.Text)
842
843      ' Option A: Open external system with token (secure)
844      Dim secret As String = ConfigurationManager.AppSettings("HmacSecret")
845      Dim token As String = CreateSecureToken(Session("Pengguna").ToString(), secret)
846      Dim url As String = "https://10.2.100.194/admin/site/auth-token?token=" & HttpUtility.UrlEncode(token)
847
848      ClientScript.RegisterStartupScript(Me.GetType(), "ClientScript", _
849          "<script type='text/javascript'>window.open('" & JsEncode(url) & "', '_blank');</script>")
850
851  End Sub
```

2. line 828 - 851

3. line 846 - // change the url to live/prod [https://10.2.100.194] to production url

```
Private Function JsEncode(ByVal s As String) As String
    If String.IsNullOrEmpty(s) Then Return ""
    Return s.Replace("\", "\\").Replace("'", "\'").Replace("\"", "\"").Replace(vbCrLf, "\n").Replace(vbCr, "\r").Replace(vbTab, "\t")
End Function
```

4. line 853 - 856

## web.config

```
170 | <add key="HmacSecret" value="cms-skm-vpH8K0bbnE51sEk3kT4SSZyMbjn1BCq" />
```

1. line 170

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