

Custom Theme Configuration

themes/centuries-theme/theme.properties

```
properties  
  
parent=keycloak  
import=common/keycloak  
  
styles=css/login.css
```

themes/centuries-theme/login/theme.properties

```
properties  
  
parent=base  
import=common/keycloak  
  
styles=css/login.css css/centuries.css
```

themes/centuries-theme/login/login.ftl

```
html
```

```

<#import "template.ftl" as layout>
<@layout.registrationLayout displayMessage=!messagesPerField.existsError('username','password') displayInfo=>
<#if section = "header">
    ${msg("loginAccountTitle")}
<#elseif section = "form">
<div id="kc-form">
    <div id="kc-form-wrapper">
        <div id="kc-company-logo">
            
        </div>
<#if realm.password>
    <form id="kc-form-login" onsubmit="login.disabled = true; return true;" action="${url.loginAction}" method="post">
        <#if !usernameHidden??>
            <div class="${properties.kcFormGroupClass!}">
                <label for="username" class="${properties.kcLabelClass!}">
                    <#if !realm.loginWithEmailAllowed>
                        ${msg("username")}
                    <#elseif !realm.registrationEmailAsUsername>
                        ${msg("usernameOrEmail")}
                    <#else>
                        ${msg("email")}
                    </#if>
                </label>

                <#if usernameEditDisabled??>
                    <input tabindex="1" id="username" class="${properties.kcInputClass!}" name="username" value="" type="text"/>
                <#else>
                    <input tabindex="1" id="username" class="${properties.kcInputClass!}" name="username" value="" type="text" aria-invalid="<#if messagesPerField.existsError('username','password')>true</#if>"/>
                </#if>

                <#if messagesPerField.existsError('username','password')>
                    <span id="input-error" class="${properties.kcInputErrorMessageClass!}" aria-live="polite">
                        ${kcSanitize(messagesPerField.getFirstError('username','password'))?no_esc}
                    </span>
                </#if>
            </div>
        </#if>

        <div class="${properties.kcFormGroupClass!}">
            <label for="password" class="${properties.kcLabelClass!}">${msg("password")}</label>

            <input tabindex="2" id="password" class="${properties.kcInputClass!}" name="password" type="password" aria-invalid="<#if messagesPerField.existsError('username','password')>true</#if>"/>
        </div>
    </form>
</#if>

```

```

/>

<#if usernameHidden?? && messagesPerField.existsError('username','password')>
    <span id="input-error" class="${properties.kcInputErrorMessageClass!}" aria-live="polite">
        ${kcSanitize(messagesPerField.getFirstError('username','password'))?no_esc}
    </span>
</#if>
</div>

<div class="${properties.kcFormGroupClass!} ${properties.kcFormSettingClass!}">
    <div id="kc-form-options">
        <#if realm.rememberMe && !usernameHidden??>
            <div class="checkbox">
                <label>
                    <#if login.rememberMe??>
                        <input tabindex="3" id="rememberMe" name="rememberMe" type="checkbox" checked>
                    <#else>
                        <input tabindex="3" id="rememberMe" name="rememberMe" type="checkbox"> ${msg("remember-me")}<br>
                    </#if>
                </label>
            </div>
        </#if>
        </div>
        <div class="${properties.kcFormOptionsWrapperClass!}">
            <#if realm.resetPasswordAllowed>
                <span><a tabindex="5" href="${url.loginResetCredentialsUrl}">${msg("doForgotPassword")}</a></span>
            </#if>
        </div>
    </div>
</div>

<div id="kc-form-buttons" class="${properties.kcFormGroupClass!}">
    <input type="hidden" id="id-hidden-input" name="credentialId" <#if auth.selectedCredential?has_c>
    <input tabindex="4" class="${properties.kcButtonClass!} ${properties.kcButtonPrimaryClass!} ${pro>
</div>
</form>
</#if>

<!-- Social Providers -->
<#if realm.password && social.providers??>
    <div id="kc-social-providers" class="${properties.kcFormSocialAccountSectionClass!}">
        <hr/>
        <h4>${msg("identity-provider-login-label")}</h4>
        <ul class="${properties.kcFormSocialAccountListClass!} <#if social.providers?size gt 3>${properties.kc>
            <#list social.providers as p>
                <a id="social-${p.alias}" class="${properties.kcFormSocialAccountListButtonClass!} <#if social.pr>

```

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        type="button" href="${p.loginUrl}">
<#if p.iconClasses?has_content>
    <i class="${p.iconClasses!}" aria-hidden="true"></i>
    <span class="${properties.kcFormSocialAccountNameClass!} kc-social-icon-text">${p.displayName}</span>
</#else>
    <span class="${properties.kcFormSocialAccountNameClass!}">${p.displayName!}</span>
</#if>
</a>
</#list>
</ul>
</div>
</#if>
</div>
</div>
<#elseif section = "info" >
<#if realm.password && realm.registrationAllowed && !registrationDisabled??>
    <div id="kc-registration-container">
        <div id="kc-registration">
            <span>${msg("noAccount")}<a tabindex="6"
                href="${url.registrationUrl}">${msg("doRegister")}</a></span>
        </div>
    </div>
    </#if>
    </#if>
</@layout.registrationLayout>

```

themes/centuries-theme/login/resources/css/login.css

css

```
/* Custom Centuries Mutual Styling */
:root {
    --centuries-primary: #1e3a8a;
    --centuries-secondary: #3b82f6;
    --centuries-accent: #f59e0b;
    --centuries-success: #10b981;
    --centuries-error: #ef4444;
    --centuries-gray-50: #f9fafb;
    --centuries-gray-100: #f3f4f6;
    --centuries-gray-600: #4b5563;
    --centuries-gray-900: #111827;
}

/* Main container styling */
.login-pf body {
    background: linear-gradient(135deg, var(--centuries-primary) 0%, var(--centuries-secondary) 100%);
    font-family: 'Inter', -apple-system, BlinkMacSystemFont, sans-serif;
}

/* Card styling */
#kc-form-wrapper {
    background: white;
    border-radius: 16px;
    box-shadow: 0 20px 25px -5px rgba(0, 0, 0, 0.1), 0 10px 10px -5px rgba(0, 0, 0, 0.04);
    padding: 3rem;
    max-width: 400px;
    margin: 0 auto;
}

/* Company logo */
#kc-company-logo {
    text-align: center;
    margin-bottom: 2rem;
}

#kc-company-logo img {
    max-width: 200px;
    height: auto;
}

/* Form styling */
.form-group {
    margin-bottom: 1.5rem;
}
```

```
/* Input fields */
.form-control {
  width: 100%;
  padding: 0.75rem 1rem;
  border: 2px solid var(--centuries-gray-100);
  border-radius: 8px;
  font-size: 1rem;
  transition: border-color 0.15s ease-in-out, box-shadow 0.15s ease-in-out;
}

.form-control:focus {
  outline: none;
  border-color: var(--centuries-secondary);
  box-shadow: 0 0 0 3px rgba(59, 130, 246, 0.1);
}

/* Labels */
label {
  display: block;
  margin-bottom: 0.5rem;
  font-weight: 600;
  color: var(--centuries-gray-900);
}

/* Primary button */
.btn-primary {
  width: 100%;
  background: linear-gradient(135deg, var(--centuries-primary) 0%, var(--centuries-secondary) 100%);
  border: none;
  padding: 0.75rem 1rem;
  border-radius: 8px;
  color: white;
  font-weight: 600;
  font-size: 1rem;
  cursor: pointer;
  transition: transform 0.15s ease-in-out, box-shadow 0.15s ease-in-out;
}

.btn-primary:hover {
  transform: translateY(-1px);
  box-shadow: 0 10px 25px -5px rgba(30, 58, 138, 0.25);
}

.btn-primary:disabled {
  opacity: 0.6;
  cursor: not-allowed;
```

```
    transform: none;
}

/* Social providers */
#kc-social-providers {
    margin-top: 2rem;
    padding-top: 2rem;
    border-top: 1px solid var(--centuries-gray-100);
}

#kc-social-providers h4 {
    text-align: center;
    margin-bottom: 1rem;
    color: var(--centuries-gray-600);
    font-size: 0.875rem;
    font-weight: 500;
    text-transform: uppercase;
    letter-spacing: 0.05em;
}

/* Social buttons */
.kc-social-link {
    display: block;
    width: 100%;
    padding: 0.75rem 1rem;
    margin-bottom: 0.5rem;
    border: 2px solid var(--centuries-gray-100);
    border-radius: 8px;
    text-decoration: none;
    color: var(--centuries-gray-600);
    font-weight: 500;
    text-align: center;
    transition: border-color 0.15s ease-in-out, background-color 0.15s ease-in-out;
}

.kc-social-link:hover {
    border-color: var(--centuries-gray-600);
    background-color: var(--centuries-gray-50);
    text-decoration: none;
    color: var(--centuries-gray-900);
}

/* Remember me checkbox */
.checkbox label {
    display: flex;
    align-items: center;
}
```

```
font-weight: 400;
margin-bottom: 0;
}

.checkbox input[type="checkbox"] {
  margin-right: 0.5rem;
  width: auto;
}

/* Links */
a {
  color: var(--centuries-secondary);
  text-decoration: none;
  font-weight: 500;
}

a:hover {
  color: var(--centuries-primary);
  text-decoration: underline;
}

/* Error messages */
.alert-error {
  background-color: #fef2f2;
  border: 1px solid #fecaca;
  color: var(--centuries-error);
  padding: 0.75rem 1rem;
  border-radius: 8px;
  margin-bottom: 1rem;
}

/* Success messages */
.alert-success {
  background-color: #f0fdf4;
  border: 1px solid #bbf7d0;
  color: var(--centuries-success);
  padding: 0.75rem 1rem;
  border-radius: 8px;
  margin-bottom: 1rem;
}

/* Mobile responsiveness */
@media (max-width: 640px) {
  #kc-form-wrapper {
    padding: 2rem 1.5rem;
    margin: 1rem;
  }
}
```

```
max-width: none;  
}  
  
#kc-company-logo img {  
    max-width: 150px;  
}  
}  
  
/* Loading state */  
.btn-primary.loading {  
    position: relative;  
    color: transparent;  
}  
  
.btn-primary.loading::after {  
    content: " ";  
    position: absolute;  
    width: 20px;  
    height: 20px;  
    top: 50%;  
    left: 50%;  
    margin-left: -10px;  
    margin-top: -10px;  
    border: 2px solid transparent;  
    border-top: 2px solid white;  
    border-radius: 50%;  
    animation: spin 1s linear infinite;  
}  
  
@keyframes spin {  
    0% { transform: rotate(0deg); }  
    100% { transform: rotate(360deg); }  
}
```

Realm Configuration Files

realms/home-realm.json

json

```
{  
    "realm": "home",  
    "displayName": "Centuries Mutual Home",  
    "displayNameHtml": "<div class=\"kc-logo-text\"><span>Centuries Mutual</span></div>",  
    "enabled": true,  
    "sslRequired": "external",  
    "registrationAllowed": true,  
    "registrationEmailAsUsername": true,  
    "rememberMe": true,  
    "verifyEmail": true,  
    "loginWithEmailAllowed": true,  
    "duplicateEmailsAllowed": false,  
    "resetPasswordAllowed": true,  
    "editUsernameAllowed": false,  
    "bruteForceProtected": true,  
    "permanentLockout": false,  
    "maxFailureWaitSeconds": 900,  
    "minimumQuickLoginWaitSeconds": 60,  
    "waitIncrementSeconds": 60,  
    "quickLoginCheckMilliSeconds": 1000,  
    "maxDeltaTimeSeconds": 43200,  
    "failureFactor": 30,  
    "loginTheme": "centuries-theme",  
    "accountTheme": "centuries-theme",  
    "adminTheme": "keycloak",  
    "emailTheme": "keycloak",  
    "internationalizationEnabled": true,  
    "supportedLocales": ["en", "es"],  
    "defaultLocale": "en",  
    "smtpServer": {  
        "host": "smtp.gmail.com",  
        "port": "587",  
        "from": "noreply@centurymutual.com",  
        "fromDisplayName": "Centuries Mutual",  
        "ssl": "false",  
        "starttls": "true",  
        "auth": "true",  
        "user": "${env.SMTP_USER}",  
        "password": "${env.SMTP_PASSWORD}"  
    },  
    "eventsEnabled": true,  
    "eventsListeners": ["jboss-logging", "hyperledger-webhook"],  
    "enabledEventTypes": [  
        "LOGIN", "LOGIN_ERROR", "REGISTER", "REGISTER_ERROR",  
        "LOGOUT", "CODE_TO_TOKEN", "REFRESH_TOKEN", "UPDATE_PROFILE",  
    ]  
}
```

```
"UPDATE_PASSWORD", "UPDATE_EMAIL", "VERIFY_EMAIL", "REMOVE_TOTP",
"GRANT_CONSENT", "UPDATE_CONSENT", "REVOKE_GRANT", "SEND_VERIFY_EMAIL",
"SEND_RESET_PASSWORD", "SEND_IDENTITY_PROVIDER_LINK", "RESET_PASSWORD",
"IDENTITY_PROVIDER_LINK_ACCOUNT", "CLIENT_LOGIN"
],
"adminEventsEnabled": true,
"adminEventsDetailsEnabled": true,
"identityProviders": [
{
  "alias": "google",
  "displayName": "Google",
  "providerId": "google",
  "enabled": true,
  "config": {
    "clientId": "${env.GOOGLE_CLIENT_ID}",
    "clientSecret": "${env.GOOGLE_CLIENT_SECRET}",
    "syncMode": "IMPORT"
  }
},
{
  "alias": "facebook",
  "displayName": "Facebook",
  "providerId": "facebook",
  "enabled": true,
  "config": {
    "clientId": "${env.FACEBOOK_CLIENT_ID}",
    "clientSecret": "${env.FACEBOOK_CLIENT_SECRET}",
    "syncMode": "IMPORT"
  }
}
],
"roles": {
  "realm": [
    {
      "name": "user",
      "description": "Standard user role for policyholders"
    },
    {
      "name": "premium_user",
      "description": "Premium policyholder with extended features"
    },
    {
      "name": "family_admin",
      "description": "Family policy administrator"
    }
  ]
}
```

```
},
"groups": [
{
  "name": "Policyholders",
  "path": "/Policyholders",
  "realmRoles": ["user"]
},
{
  "name": "Premium Members",
  "path": "/Premium Members",
  "realmRoles": ["premium_user"]
},
{
  "name": "Family Admins",
  "path": "/Family Admins",
  "realmRoles": ["family_admin"]
}
],
"clients": [
{
  "clientId": "home-mobile-app",
  "name": "Centuries Mutual Home Mobile App",
  "description": "Mobile application for policyholders",
  "enabled": true,
  "publicClient": true,
  "protocol": "openid-connect",
  "redirectUris": [
    "com.centurymutual.home://auth/callback",
    "http://localhost:3000/auth/callback",
    "https://app.centurymutual.com/auth/callback"
  ],
  "webOrigins": [
    "https://app.centurymutual.com",
    "http://localhost:3000"
  ],
  "standardFlowEnabled": true,
  "implicitFlowEnabled": false,
  "directAccessGrantsEnabled": false,
  "serviceAccountsEnabled": false,
  "authorizationServicesEnabled": false,
  "publicClient": true,
  "frontchannelLogout": true,
  "attributes": {
    "pkce.code.challenge.method": "S256",
    "post.logout.redirect.uris": "com.centurymutual.home://auth/logout||https://app.centurymutual.com/logo"
  }
},
```

```
"protocolMappers": [
  {
    "name": "username",
    "protocol": "openid-connect",
    "protocolMapper": "oidc-usermodel-property-mapper",
    "consentRequired": false,
    "config": {
      "userinfo.token.claim": "true",
      "user.attribute": "username",
      "id.token.claim": "true",
      "access.token.claim": "true",
      "claim.name": "preferred_username",
      "jsonType.label": "String"
    }
  },
  {
    "name": "email",
    "protocol": "openid-connect",
    "protocolMapper": "oidc-usermodel-property-mapper",
    "consentRequired": false,
    "config": {
      "userinfo.token.claim": "true",
      "user.attribute": "email",
      "id.token.claim": "true",
      "access.token.claim": "true",
      "claim.name": "email",
      "jsonType.label": "String"
    }
  },
  {
    "name": "roles",
    "protocol": "openid-connect",
    "protocolMapper": "oidc-usermodel-realm-role-mapper",
    "consentRequired": false,
    "config": {
      "userinfo.token.claim": "true",
      "id.token.claim": "true",
      "access.token.claim": "true",
      "claim.name": "realm_roles",
      "jsonType.label": "String",
      "multivalued": "true"
    }
  }
]
},  
],
```

```
"clientScopes": [
  {
    "name": "home-profile",
    "description": "Home app profile information",
    "protocol": "openid-connect",
    "attributes": {
      "include.in.token.scope": "true",
      "display.on.consent.screen": "true",
      "consent.screen.text": "View your profile information"
    },
    "protocolMappers": [
      {
        "name": "policy-number",
        "protocol": "openid-connect",
        "protocolMapper": "oidc-usermodel-attribute-mapper",
        "config": {
          "user.attribute": "policyNumber",
          "claim.name": "policy_number",
          "jsonType.label": "String",
          "id.token.claim": "true",
          "access.token.claim": "true"
        }
      }
    ]
  }
],
"requiredActions": [
  {
    "alias": "VERIFY_EMAIL",
    "name": "Verify Email",
    "providerId": "VERIFY_EMAIL",
    "enabled": true,
    "defaultAction": true
  },
  {
    "alias": "UPDATE_PASSWORD",
    "name": "Update Password",
    "providerId": "UPDATE_PASSWORD",
    "enabled": true,
    "defaultAction": false
  },
  {
    "alias": "CONFIGURE_TOTP",
    "name": "Configure OTP",
    "providerId": "CONFIGURE_TOTP",
    "enabled": true,
    "defaultAction": false
  }
]
```

```
        "defaultAction": false
    },
],
"passwordPolicy": "length(8) and digits(1) and lowerCase(1) and upperCase(1) and specialChars(1) and notUser
"otpPolicyType": "totp",
"otpPolicyAlgorithm": "HmacSHA1",
"otpPolicyInitialCounter": 0,
"otpPolicyDigits": 6,
"otpPolicyLookAheadWindow": 1,
"otpPolicyPeriod": 30
}
```

realms/legend-realm.json

json

```
{  
  "realm": "legend",  
  "displayName": "Legend Broker Portal",  
  "enabled": true,  
  "sslRequired": "external",  
  "registrationAllowed": false,  
  "loginWithEmailAllowed": true,  
  "duplicateEmailsAllowed": false,  
  "resetPasswordAllowed": true,  
  "bruteForceProtected": true,  
  "loginTheme": "centuries-theme",  
  "roles": {  
    "realm": [  
      {  
        "name": "broker",  
        "description": "Insurance broker role"  
      },  
      {  
        "name": "marketing_associate",  
        "description": "Marketing associate role"  
      },  
      {  
        "name": "team_lead",  
        "description": "Team leader role with additional permissions"  
      },  
      {  
        "name": "regional_manager",  
        "description": "Regional management role"  
      }  
    ]  
  },  
  "clients": [  
    {  
      "clientId": "legend-mobile-app",  
      "name": "Legend Broker Mobile App",  
      "enabled": true,  
      "publicClient": true,  
      "redirectUris": [  
        "com.centuriesmutual.legend://auth/callback",  
        "http://localhost:3001/auth/callback",  
        "https://legend.centuriesmutual.com/auth/callback"  
      ],  
      "attributes": {  
        "pkce.code.challenge.method": "S256"  
      }  
    }  
  ]  
}
```

```
    },
],
"eventsEnabled": true,
"eventsListeners": ["jboss-logging", "hyperledger-webhook"]
}
```

realms/admin-realm.json

json

```
{  
  "realm": "admin",  
  "displayName": "Admin Dashboard",  
  "enabled": true,  
  "sslRequired": "external",  
  "registrationAllowed": false,  
  "loginWithEmailAllowed": true,  
  "bruteForceProtected": true,  
  "maxFailureWaitSeconds": 1800,  
  "loginTheme": "centuries-theme",  
  "roles": [  
    {  
      "realm": [  
        {  
          "name": "system_admin",  
          "description": "Full system administrator"  
        },  
        {  
          "name": "user_manager",  
          "description": "User management permissions"  
        },  
        {  
          "name": "analytics_viewer",  
          "description": "Analytics and reporting access"  
        },  
        {  
          "name": "support_agent",  
          "description": "Customer support role"  
        }  
      ]  
    },  
    "clients": [  
      {  
        "clientId": "admin-dashboard",  
        "name": "Admin Dashboard Application",  
        "enabled": true,  
        "publicClient": false,  
        "clientAuthenticatorType": "client-secret",  
        "secret": "${env.ADMIN_CLIENT_SECRET}",  
        "redirectUris": [  
          "https://admin.centurieスマルチ.com/auth/callback",  
          "http://localhost:3002/auth/callback"  
        ],  
        "serviceAccountsEnabled": true,  
        "authorizationServicesEnabled": true  
      }  
    ]  
  ]  
}
```

```
],
"eventsEnabled": true,
"eventsListeners": ["jboss-logging", "hyperledger-webhook"]
}
```