

Documentation for APAR IZ53178

Out Of Memory error may occur when UserID generated by Identity Policy is blank.

As part of APAR 36685 the changes done in APAR IZ53178 are reverted back. Code changes are done as part of APAR 36685 to address OutOfMemory error. However, in case the userID (baseidentity) generated is null, then NullPointerException occurs, during call to userIDExists(). To avoid this NullPointerException modify the Default Identity Policy for ITIM (Person) and Default Identity Policy for ITIM (BPPerson) as follows:

1. Click on the Default Identity Policy for ITIM (Person).
2. Go to Definition tab.

Add the following line to initialize baseidentity to blank as follows:

```
if (baseidentity == null) {  
    baseidentity = "";  
}  
<script>  
function createIdentity() {  
    var tf = false;  
    var identity = "";  
    var counter = 0;  
    var baseidentity = subject.getProperty("uid");  
    var locale = subject.getProperty("erlocale");  
    if ((locale != null) && (locale.length > 0)) {  
        locale = locale[0];  
    }  
    if (locale == null || locale.length == 0)  
        locale = "";  
    if (locale == "zh" || locale == "ja" || locale == "ko") {  
        if ((baseidentity != null) && (baseidentity.length > 0)) {  
            baseidentity = baseidentity[0];  
        }  
    } else {  
        var givenname = subject.getProperty("givenname");  
        if (((givenname != null) && (givenname.length > 0)))  
            givenname = givenname[0];  
        if(givenname == null || givenname.length == 0)  
            givenname = "";  
        else  
            givenname = givenname.substring(0,1);  
        baseidentity = givenname + subject.getProperty("sn")[0];  
    }  
    if (baseidentity == null) {  
        baseidentity = "";  
    }  
}
```

```

    tf = IdentityPolicy.userIDExists(baseidentity, false, true);
    if(!tf) {
        return baseidentity;
    }
    while(tf) {
        counter+=1;
        identity = baseidentity + counter;
        tf = IdentityPolicy.userIDExists(identity, false, true);
    }
    return identity;
}
return createIdentity();
</script>

```

3. Similar modify the Default Identity Policy for ITIM (BPPerson).

```

<script>
function createIdentity() {
    var tf = false;
    var identity = "";
    var counter = 0;
    var baseidentity = subject.getProperty("uid");
    if ((baseidentity != null) && (baseidentity.length > 0)) {
        baseidentity = baseidentity[0];
    }
    if ((baseidentity == null) || (baseidentity.length == 0)) {
        baseidentity = subject.getProperty("sn")[0];
    }
    if (baseidentity == null) {
        baseidentity = "";
    }
    tf = IdentityPolicy.userIDExists(baseidentity, false, true);
    if(!tf)
        return baseidentity;
    while(tf) {
        counter+=1;
        identity = baseidentity + counter;
        tf = IdentityPolicy.userIDExists(identity, false, true);
    }
    return identity;
}
return createIdentity();
</script>

```