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ta: pkcs11: fix attribute output size if too small on get attribute value

Correct the size field output value for attributes fetched with PKCS11_CMD_GET_ATTRIBUTE_VALUE where a too short buffer was provided. As per the PKCS#11 specification, in such case, the related attributes size field should be filled with CK_UNAVAILABLE_INFORMATION and the function to return a non-true-error code like CKR_BUFFER_TOO_SMALL. The implementation complied for the return value but was loading the required attribute data value size instead in CK_UNAVAILABLE_INFORMATION in the attribute size field.

Fixes: [783c151](#) ("ta: pkcs11: Add support for getting object size and attribute value")
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📁 ta/pkcs11/src/object.c



```
@@ -900,8 +900,11 @@ enum pkcs11_rc entry_get_attribute_value(struct
pkcs11_client *client,
```

```
900 900 attr_type_invalid = 1;
```

```
901 901         break;
902 902         case PKCS11_CKR_BUFFER_TOO_SMALL:
903 -         if (data_ptr)
903 +         if (data_ptr) {
904 +             cli_head.size =
905 +                 PKCS11_CK_UNAVAILABLE_INFORMATION;
904 906             buffer_too_small = 1;
907 +         }
905 908         break;
906 909         default:
907 910             rc = PKCS11_CKR_GENERAL_ERROR;
```



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