An issue was discovered in WPS Office

Here is an issue in WPS Office 10.2.0.5978 and 10.1.0.7106, and possibly have impacted other versions.

Remote attackers could leverage this vulnerability to cause a denial of service via a crafted (a) web page, (b) office document, or (c) .rtf file.

It was discovered in the module of kso.dll.

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At the crash point, calculating its offset from the starting address of kso.dll.

```
0:000> ? 6495b851 - kso
Evaluate expression: 309329 = 0004b851
```

Using IDA to examine the codes. When it called the malloc function, without any check, the memory address of the return value was been written. Causing access violation.

```
.text:1004B83B
.text:1004B83B ; ------ S U B R O U T I N E -----
.text:1004B83B
.text:1004B83B ; Attributes: bp-based frame
.text:1004B83B
.text:1004B03B ; struct WStr::iostr_data *__cdecl WStr::_alloc_iostr_data(unsigned int)
.text:1004B83B
                              public ? alloc iostr data@WStr@@CAPAViostr data@1@I@Z
.text:1004B83B ?_alloc_iostr_data@WStr@@CAPAUiostr_data@1@I@Z proc near
.text:1004B83B
                                                      ; CODE XREF: WStr::WStr(ushort const *)+261p
.text:1004B83B
                                                       ; WStr::assign(ushort const *)+3Bip ...
.text:1004B83B
.text:1004B83B arg_0
                              = dword ptr 8
.text:1004B83B
.text:1004B83B
                              push
                                      ebp
.text:1004B83C
                              mov
                                      ebp, esp
.text:1004B83E
                              push
                                      esi
.text:1004B83F
                                      esi, [ebp+arg_0]
                              mov
.text:1004B842
                              1ea
                                      eax, [esi+esi+10h]
                                                      ; size_t
.text:1004B846
                              push
                                      eax
                                           _imp_malloc
.text:1004B847
                              call
                                      ds:
.text:1004B84D
                              pop
.text:1004B84E
                                      ecx, [eax+10h]
                              1ea
.text:1004B851
                              mov
                                      [eax], ecx
.text:1004B853
                              1ea
                                      ecx, [ecx+esi*2]
                                      [eax+8], esi
.text:1004B856
                              mov
.text:1004B859
                              mov
                                       [eax+4], ecx
.text:1004B85C
                              mov
                                      dword ptr [eax+0Ch], 1
.text:1004B863
                                      esi
                              pop
.text:1004B864
                              pop
                                      ebp
.text:1004B865
                              retn
.text:1004B865 ?_alloc_iostr_data@WStr@@CAPAUiostr_data@1@I@Z endp
.text:1004B865
```