



# CVE-2022-31696

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## Summary

<b>CVE</b>	CVE-2022-31696
<b>State</b>	PUBLIC
<b>Assigner</b>	security@vmware.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-13 16:15:00 UTC
<b>Updated</b>	2023-08-08 14:21:00 UTC
<b>Description</b>	VMware ESXi contains a memory corruption vulnerability that exists in the way it handles a network socket. A malicious act

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Vmware	Cloud Foundation	All	All	All	All
Application	Vmware	Cloud Foundation	3.10	-	All	All
Application	Vmware	Cloud Foundation	3.11	-	All	All
Application	Vmware	Cloud Foundation	4.3.11	All	All	All
Application	Vmware	Cloud Foundation	4.4	All	All	All
Application	Vmware	Cloud Foundation	4.4.1	All	All	All
Application	Vmware	Cloud Foundation	4.4.1.1	All	All	All
Application	Vmware	Cloud Foundation	4.5	All	All	All
Application	Vmware	Cloud Foundation	4.76	All	All	All
Operating System	Vmware	Esxi	6.5	-	All	All
Operating System	Vmware	Esxi	6.5	650-201701001	All	All
Operating System	Vmware	Esxi	6.5	650-201703001	All	All
Operating System	Vmware	Esxi	6.5	650-201703002	All	All
Operating System	Vmware	Esxi	6.5	650-201704001	All	All
Operating System	Vmware	Esxi	6.5	650-201707101	All	All
Operating System	Vmware	Esxi	6.5	650-201707102	All	All
Operating System	Vmware	Esxi	6.5	650-201707103	All	All

Operating System	Vmware	Esxi	6.5	650-201707201	All	All
Operating System	Vmware	Esxi	6.5	650-201707202	All	All
Operating System	Vmware	Esxi	6.5	650-201707203	All	All
Operating System	Vmware	Esxi	6.5	650-201707204	All	All
Operating System	Vmware	Esxi	6.5	650-201707205	All	All
Operating System	Vmware	Esxi	6.5	650-201707206	All	All
Operating System	Vmware	Esxi	6.5	650-201707207	All	All
Operating System	Vmware	Esxi	6.5	650-201707208	All	All
Operating System	Vmware	Esxi	6.5	650-201707209	All	All
Operating System	Vmware	Esxi	6.5	650-201707210	All	All
Operating System	Vmware	Esxi	6.5	650-201707211	All	All
Operating System	Vmware	Esxi	6.5	650-201707212	All	All
Operating System	Vmware	Esxi	6.5	650-201707213	All	All
Operating System	Vmware	Esxi	6.5	650-201707214	All	All
Operating System	Vmware	Esxi	6.5	650-201707215	All	All
Operating System	Vmware	Esxi	6.5	650-201707216	All	All
Operating System	Vmware	Esxi	6.5	650-201707217	All	All
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Operating System	Vmware	Esxi	6.5	650-201707219	All	All
Operating System	Vmware	Esxi	6.5	650-201707220	All	All
Operating System	Vmware	Esxi	6.5	650-201707221	All	All
Operating System	Vmware	Esxi	6.5	650-201710001	All	All
Operating System	Vmware	Esxi	6.5	650-201712001	All	All
Operating System	Vmware	Esxi	6.5	650-201803001	All	All
Operating System	Vmware	Esxi	6.5	650-201806001	All	All
Operating System	Vmware	Esxi	6.5	650-201808001	All	All
Operating System	Vmware	Esxi	6.5	650-201810001	All	All
Operating System	Vmware	Esxi	6.5	650-201810002	All	All
Operating System	Vmware	Esxi	6.5	650-201811001	All	All
Operating System	Vmware	Esxi	6.5	650-201811002	All	All
Operating System	Vmware	Esxi	6.5	650-201811301	All	All
Operating System	Vmware	Esxi	6.5	650-201901001	All	All
Operating System	Vmware	Esxi	6.5	650-201903001	All	All
Operating System	Vmware	Esxi	6.5	650-201905001	All	All
Operating System	Vmware	Esxi	6.5	650-201908001	All	All

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Operating System	Vmware	Esxi	6.5	650-20191004001	All	All
Operating System	Vmware	Esxi	6.5	650-201911001	All	All
Operating System	Vmware	Esxi	6.5	650-201911401	All	All
Operating System	Vmware	Esxi	6.5	650-201911402	All	All
Operating System	Vmware	Esxi	6.5	650-201912001	All	All
Operating System	Vmware	Esxi	6.5	650-201912002	All	All
Operating System	Vmware	Esxi	6.5	650-201912101	All	All
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Operating System	Vmware	Esxi	6.5	650-201912104	All	All
Operating System	Vmware	Esxi	6.5	650-201912301	All	All
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Operating System	Vmware	Esxi	6.5	650-202007001	All	All
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Operating System	Vmware	Esxi	6.5	650-202011001	All	All
Operating System	Vmware	Esxi	6.5	650-202011002	All	All
Operating System	Vmware	Esxi	6.5	650-202102001	All	All
Operating System	Vmware	Esxi	6.5	650-202102002	All	All
Operating System	Vmware	Esxi	6.5	650-202102003	All	All
Operating System	Vmware	Esxi	6.5	650-202107001	All	All
Operating System	Vmware	Esxi	6.5	650-202110001	All	All
Operating System	Vmware	Esxi	6.5	650-202202001	All	All
Operating System	Vmware	Esxi	6.5	650-202205001	All	All
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Operating System	Vmware	Esxi	6.7	670-201904202-ug	All	All
Operating System	Vmware	Esxi	6.7	670-201904203	All	All
Operating System	Vmware	Esxi	6.7	670-201904203-ug	All	All
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Operating System	Vmware	Esxi	6.7	670-201904204-ug	All	All
Operating System	Vmware	Esxi	6.7	670-201904205	All	All
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Operating System	Vmware	Esxi	6.7	670-201904206-ug	All	All
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Operating System	Vmware	Esxi	6.7	670-201904211-ug	All	All
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Operating System	Vmware	Esxi	6.7	670-201904212-ug	All	All
Operating System	Vmware	Esxi	6.7	670-201904213	All	All
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Operating System	Vmware	Esxi	6.7	670-201904214	All	All



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Operating System	<a href="#">Vmware</a>	<a href="#">Esxi</a>	6.7	670-201908104	All	All
Operating System	<a href="#">Vmware</a>	<a href="#">Esxi</a>	6.7	670-201908201	All	All
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Operating System	<a href="#">Vmware</a>	<a href="#">Esxi</a>	6.7	670-201912102	All	All
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Operating System	Vmware	Esxi	6.7	670-202011001	All	All
Operating System	Vmware	Esxi	6.7	670-202011002	All	All
Operating System	Vmware	Esxi	6.7	670-202102001	All	All
Operating System	Vmware	Esxi	6.7	670-202103001	All	All
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Operating System	Vmware	Esxi	7.0	-	All	All
Operating System	Vmware	Esxi	7.0	beta	All	All
Operating System	Vmware	Esxi	7.0	update_1	All	All
Operating System	Vmware	Esxi	7.0	update_1a	All	All
Operating System	Vmware	Esxi	7.0	update_1b	All	All
Operating System	Vmware	Esxi	7.0	update_1c	All	All
Operating System	Vmware	Esxi	7.0	update_1d	All	All
Operating System	Vmware	Esxi	7.0	update_1e	All	All
Operating System	Vmware	Esxi	7.0	update_2	All	All
Operating System	Vmware	Esxi	7.0	update_2a	All	All
Operating System	Vmware	Esxi	7.0	update_2c	All	All
Operating System	Vmware	Esxi	7.0	update_2d	All	All
Operating System	Vmware	Esxi	7.0	update_2e	All	All
Operating System	Vmware	Esxi	7.0	update_3c	All	All
Operating System	Vmware	Esxi	7.0	update_3d	All	All
Operating System	Vmware	Esxi	7.0	update_3e	All	All
Operating System	Vmware	Esxi	7.0	update_3f	All	All

Operating System	<a href="#">Vmware</a>	<a href="#">Esxi</a>	7.0	update_3g	All	All
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## References

Reference	Source	Link	Tags
VMSA-2022-0030	MISC	<a href="http://www.vmware.com">www.vmware.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">216303</a> VMware ESXi 7.0 Patch Release ESXi70U3si-20841705 Missing (VMSA-2022-0030)
<a href="#">216304</a> VMware ESXi 6.7 Patch Release ESXi670-202210101-SG Missing (VMSA-2022-0030)
<a href="#">216305</a> VMware ESXi 6.5 Patch Release ESXi650-202210101-SG Missing (VMSA-2022-0030)

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