

# 57580.1-2017 () Astra Linux Special Edition 1.7



- Astra Linux Special Edition .10015-01 .10015-01 ( 1.7)
- Astra Linux Special Edition .10015-37 ( 7.7)

3 2 1									
7.8.3	,	,	(	)					
C. 1					+ +	parsec , libvirt, :			(Libvirt, virt-manager, KVM,QEMU), , , (ALD, FreeIPA), , (auditd, syslog-ng-astra, syslog-ng-astra, zabbix). .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 3 () .1: 4 () .1: 5 () .1: 6 () .1: 7 () .1: 11 ()
C. 2	0	,	/	7498-1	+ +	( ) 0 c ( netfilter, libvirt, libvirt nwfilter) :			(Libvirt, virt-manager, KVM,QEMU), (netfilter, libvirt, nwfilter, VLAN), , , (ALD, FreeIPA), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix). .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 3 () .1: 4 () .1: 5 () .1: 6 () .1: 7 () .1: 11 ()
C. 3					+ +	libvirt :			(Libvirt, virt-manager, KVM,QEMU), , , (ALD, FreeIPA), , (auditd, syslog-ng-astra, syslog-ng-astra, zabbix). .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 3 () .1: 4 () .1: 5 () .1: 6 () .1: 7 () .1: 11 ()
C. 4	0	,	/	7498-1	+ +	libvirt ( netfilter, libvirt, libvirt nwfilter), :			(Libvirt, virt-manager, KVM,QEMU), (netfilter, libvirt, nwfilter, VLAN), , , (ALD, FreeIPA), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix). .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 3 () .1: 4 () .1: 5 () .1: 6 () .1: 7 () .1: 8 () .1: 11 ()
C. 5	0				+ +	( "").			(Libvirt, virt-manager, KVM,QEMU), (peer-cred, SSH, SASL, TLS), (ALD, FreeIPA). .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 5 ()
C. 6	,				+ +	, , , , , ( ""). ( "").			(Libvirt, virt-manager, KVM,QEMU), , , (ALD, FreeIPA). .1: 9.1 () .1: 7 () .1: 2 () .1: 3 () .1: 4 () .1: 5 ()
C. 7	,				+ +	, , , , , , ( ""). ( "").			(Libvirt, virt-manager, KVM,QEMU), , , (ALD, FreeIPA), (netfilter, libvirt, nwfilter, VLAN) .1: 9.1 () .1: 8 () .1: 1.3 () .1: 2 () .1: 3 () .1: 4 () .1: 5 ()
C. 8	0				+ +	0 :			(Libvirt, virt-manager, KVM,QEMU). .1: 5 () .1: 9.1 () .1: 4.32 ()
C. 9					+ +	, (, USB-).			(auditd, syslog-ng-astra, syslog-ng-astra, zabbix), , .1: 5 () .1: 9.1 () .1: 15 () .1: 18 () <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>
C. 10	,				+ +	, , , , , (, USB-).			(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix), , .1: 5 () .1: 9.1 () .1: 18 () <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>

C.11	,	:			+ +	,	,	:		-	(Libvirt, virt-manager, KVM,QEMU), , , (ALD, FreeIPA), (fly-admin-smo).	.1: .3 ( ) .1: .5 ( ) .1: .9.1 ( ) .1: .3.3 ( ) .1: .8 ( ) .1: .1.3 ( ) .1: .4.3 ( )
C.12					- + + -					-		-
<b>7.8.4</b> , ,												
.13	, ,	( ), ,			+ +	( ), , , , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( netfilter, libvirt, libvirt nwfilter) . 0, . KVM, . . . - 58256-2018 (iptables, parsec) ( "").		-	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>		
.14	, ,	( ), ,			+ +	( ), , , , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( netfilter, libvirt, libvirt nwfilter) . 0, . KVM, . . . - 58256-2018 (iptables, parsec) ( "").		-	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>		
.15	( ) , .13 .14 , (-) ()				, + +	( ) , .13 .14 , , tap- - (netfilter), , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( libvirt, libvirt nwfilter) . KVM, QEMU, libvirt . . . - 58256-2018 (iptables, parsec) ( "").	( ) , .13 .14 ,	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>			
.16	.14 , , /7498-1	( ) , .13 .14 ,			, + +	( ) , .13 .14 , /7498-1, , (VLAN) IEEE 802.1q, Open vSwitch, , KVM, QEMU, libvirt, (netfilter), libvirt( libvirt, libvirt nwfilter) . . . - 58256-2018 (iptables, parsec) ( "").	( ) , .13 .14 , /7498-1,	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>			
.17	.13 .14 ,	( ) , .13 .14 ,			+ +	( ) , .13 .14 , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( libvirt, libvirt nwfilter), (netfilter), . . .	( ) , .13 .14 ,	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>			
.18	.15 -.17 (-) () ,				, + +	.15 -.17 , , , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( libvirt, libvirt nwfilter), (netfilter) . 0, . KVM, . . . - 58256-2018 (iptables, parsec) ( "").	( ) , , ,	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>			
.19	H H T	, + +				libvirt, libvirt( , (VLAN) IEEE 802.1q, Open vSwitch, KVM, QEMU, libvirt, libvirt( libvirt, libvirt nwfilter), (netfilter) . . . - 58256-2018 (iptables, parsec) ( "").		(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter), (ALD, FreeIPA), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a> <a href="https://wiki.astralinux.ru/x/-4J0Ag">https://wiki.astralinux.ru/x/-4J0Ag</a>			
.20	, ,	+ +				(netfilter), ' , , , (VLAN) IEEE 802.1q, Open vSwitch, libvirt( libvirt, libvirt nwfilter) : - ; - ; - ( ""). . . - 58256-2018 (iptables, parsec).		(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), , , (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 ( ) .1: .8 ( ) .1: .1.3 ( ) .1: .2 ( ) .1: .3 ( ) .1: .4.2 ( ) .1: .5 ( ) .1: .11 ( ) <a href="https://wiki.astralinux.ru/x/8w0AB">https://wiki.astralinux.ru/x/8w0AB</a>			
.21		+ +				- - : - ; - ( ""); - ; - .		(Libvirt, virt-manager, KVM,QEMU), , (netfilter, libvirt, nwfilter), .	.1: .9.1 ( ) .1: .3 ( ) .1: .4.2 ( ) .1: .5 ( )			

22	*	,			+ +	, , , - (VLAN) IEEE 802.1q, Open vSwitch, (netfilter), libvirt ( libvirt, libvirt nwfilter), , : - ; - ( " ");	-	(Libvirt, virt-manager, KVM,QEMU), VLAN, Open vSwitch, (netfilter, libvirt, nwfilter), (ALD, FreeIPA), .	.1: .6.8 ( Open vSwitch) .1: .9.1 () .1: .8 () .1: .13 () .1: .2 () .1: .3 () .1: .5 () .1: .11 () <a href="https://wiki.astralinux.ru/x/8wOAB">https://wiki.astralinux.ru/x/8wOAB</a>
<b>7.8.5</b>									
23	:	- ;			.. + +	: virsh backup-begin virsh dumpxml, virsh snapshot-create, .	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .3 () .1: .5 () .1: .6 ()
24	:	- ;			.. + +	.	-	(Libvirt, virt-manager, KVM,QEMU).	.1: .9.1 ()
25				- + +	- ( " "); - ; - ; - .	:	-	(Libvirt, virt-manager, KVM,QEMU), , (ALD, FreeIPA).	.1: .9.1 () .1: .3 () .1: .4.2 () .1: .5 ()
26	, 0 :	- ;			, + +	, 0 , , ( " " " ) .	, 0 , , () .	(Libvirt, virt-manager, KVM,QEMU), (Afick), ()	.1: .9.1 () .1: .5 () .1: .6 () .1: .7 () .1: .8 () .1: .9 () .1: .16 ()
27	,				.. + +	,	-	(Libvirt, virt-manager, KVM,QEMU),	.1: .9.1 () .1: .3 () .1: .5 ()
28	,				.. + +	,	-	(Libvirt, virt-manager, KVM,QEMU),	.1: .9.1 () .1: .3 () .1: .5 ()
29	,				+ +	,	-	(Libvirt, virt-manager, KVM,QEMU)	.1: .9.1 () .1: .5.3 ()
30					+ +	.	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 () .1: .5 () .1: .6 () <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a> <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>
31					+ +	KVM, QEMU, libvirt.	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 () .1: .5 () .1: .6 () <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a> <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>
<b>7.8.6</b>									
32	, ()				+ +	, () , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 () .1: .5 () .1: .6 () <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a> <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>
33	,				+ +	, , , (VLAN) IEEE 802.1q, Open vSwitch, KVM, QEMU, libvirt.	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 () .1: .5 () .1: .6 () <a href="https://wiki.astralinux.ru/x/8wOAB">https://wiki.astralinux.ru/x/8wOAB</a> <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a> <a href="https://wiki.astralinux.ru/x/-4JOAg">https://wiki.astralinux.ru/x/-4JOAg</a>

34	,				+ + , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
35	, , ,				+ + , , , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
36	,				+ + , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
37	,				+ + , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .3 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
38	,				+ + , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
39	,				+ + , , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .8 ( ) .1: .1.3 ( ) .1: .15 ( ) .1: .2 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
40	,				+ + , , KVM, QEMU, libvirt, ; ; ; ; ; ;	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .8 ( ) .1: .1.3 ( ) .1: .15 ( ) .1: .2 ( ) .1: .3 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
41	, 0				+ + , () , KVM, QEMU, libvirt,	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1: .9.1 () .1: .15 ( ) .1: .5 ( ) .1: .6 ( ) <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>

42	,	,					+	+	,	,	,	,	KVM,	QEMU,	libvirt,	.	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix).	.1:.9.1 () .1:.15( ) .1:.5() .1:.6() .1:.9() <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>
43	,	,					+	+	,	,	,	,	KVM,	QEMU,	libvirt,	.	-	(Libvirt, virt-manager, KVM,QEMU), (auditd, syslog-ng-astra, zabbix),	.1:.9.1 () .1:.15( ) .1:.5() .1:.6() .1:.9() <a href="https://wiki.astralinux.ru/x/E4NOAg">https://wiki.astralinux.ru/x/E4NOAg</a>