

R&S® Web Application Firewall Virtual & Hardware Appliances Specifications

Brief description

R&S® Web Application Firewall can be deployed either on premises, in hosted environments or in public clouds. Rohde & Schwarz Cybersecurity offers a comprehensive portfolio of virtual machines and Dell hardware appliances selected and tested for maximum performance. Results are expressed in transactions per second. The models and their specifications, available with Business and Enterprise editions of R&S® Web Application Firewall are outlined in this document.

Benefits

- Built-in software synchronization for high availability
- Standard 1U rack servers based on Dell R330 and R640 models
- 5-year standard warranty for Dell appliances
- Appliances under warranty covered by 2-business days repair or replacement service
- All appliances shipped with 1Gb network controller cards from Broadcom with four interfaces
- 10Gb network controller cards available as an option with R640 models
- All R640 models shipped with iDRAC 9 Express license for remote manageability, possibility to upgrade to iDRAC Enterprise by contacting Dell

Virtual Appliances

Appliance model	Business Edition		Enterprise Edition					Management Console
	VM 330	VM 1350	VM 1350	VM 2400	VM 4400	VM 5400	VM 6400	MNGT
vCores	4	4	4	16	16	20	28	16
RAM	16 GB	16 GB	16 GB	24 GB	32 GB	64 GB	128 GB	128 GB
AWS equivalent	m4.xlarge	m4.xlarge	m4.xlarge	m5.4xlarge	c5.4xlarge	c5.9.xlarge	m4.10xlarge	m4.10xlarge
Azure equivalent	D3	D3	D3	D5 v2	D5 v2	D15 v2	D32 v3	D14
TPS	14,000	21,000	21,000	35,000	48,000	69,000	100,000	N/A
TPS SSL	10,000	13,000	13,000	17,000	21,000	25,000	29,000	N/A

Hardware Appliances

	Business Edition		Enterprise Edition					Management Console
Appliance model	Box 330	Box 1350	Box 1350	Box 2400	Box 4400	Box 5400	Box 6400	MNGT
Dell server model	R330	R330	R330	R640	R640	R640	R640	R640
1U chassis size	H: 4.28 cm W: 43.4 cm D: 61 cm	H: 4.28 cm W: 43.4 cm D: 61 cm	H: 4.28 cm W: 43.4 cm D: 61 cm	H: 4.28 cm W: 48.23 cm D: 70.50 cm	H: 4.28 cm W: 48.23 cm D: 70.50 cm	H: 4.28 cm W: 48.23 cm D: 70.50 cm	H: 4.28 cm W: 48.23 cm D: 70.50 cm	H: 4.28 cm W: 48.23 cm D: 70.50 cm
Processor	1x Intel Xeon E3-1230v5	1x Intel Xeon E3-1230v5	1x Intel Xeon E3-1230v5	2x Intel Xeon Silver 4108	2x Intel Xeon Silver 4108	2x Intel Xeon Silver 4114	2x Intel Xeon Gold 5120	2x Intel Xeon Silver 4108
Processor Cache	8M	8M	8M	11M	11M	13.75M	19.25M	11M
Processor Clock speed	3.4 GHz	3.4 GHz	3.4 GHz	1.8 GHz	1.8 GHz	2.2 GHz	2.2 GHz	1.8 GHz
Cores & threads per processor	4C/8T	4C/8T	4C/8T	8C/16T	8C/16T	10C/20T	14C/28T	8C/16T
RAM	16 GB	16 GB	16 GB	32 GB	32 GB	64 GB	128 GB	128 GB
Power supply & BTU per hour	Single 350 W & 1531	Dual 350 W & 1356	Dual 350 W & 1356	Dual 750 W & 2843	Dual 750 W & 2843	Dual 750 W & 2843	Dual 750 W & 2843	Dual 750 W & 2843
Disk	1x 1 TB SATA 6G	Raid1 2x 1 TB SATA 6G	Raid1 2x 1 TB SATA 6G	Raid1 2x 1 TB SATA 6G	Raid1 2x 1 TB SATA 6G	Raid1 2x 1 TB SATA 6G	Raid1 2x 600 GB SAS 12G	Raid1 2x 600 GB SAS 12G
TPS	14,000	21,000	21,000	35,000	48,000	69,000	100,000	N/A
TPS SSL	10,000	13,000	13,000	17,000	21,000	25,000	29,000	N/A

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