



Effective March 16, 2023 - March 15, 2024

Fortinet, INC.

Cyber Security Solutions: Catalog Offering

9% Discount off MSRP for Main Line Items

Key Notes:

- Freight & Sales Tax are not included in pricing
- MSRP prices are subject to change

The products listed below are a limited list of available products. Please contact your ProLogic ITS account manager if the item you seek is not listed.

Item	SKU	Description #1	Description #2
FortiADC-120F	FAD-120F	Application Delivery Controller - 6 x 10/100/1000 ports, 1 x 60GB SSD Storage	HW FAD-120F
FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	12	Standard Bundle	Std BDL SVC
FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	36	Standard Bundle	Std BDL SVC
FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	60	Standard Bundle	Std BDL SVC
FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	12	Advanced Bundle	Adv BDL SVC
FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	36	Advanced Bundle	Adv BDL SVC

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FortiADC-120F Hardware plus	FAD-120F-	FortiADC-120F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	60	Advanced Bundle	Adv BDL SVC
FortiADC-120F Standard Bundle	FC-10-	FortiADC-120F 1 Year Standard Bundle	1 Year 24x7
(FortiCare Premium plus IP	A120F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-12	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-120F Standard Bundle	FC-10-	FortiADC-120F 3 Year Standard Bundle	3 Year 24x7
(FortiCare Premium plus IP	A120F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-36	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-120F Standard Bundle	FC-10-	FortiADC-120F 5 Year Standard Bundle	5 Year 24x7
(FortiCare Premium plus IP	A120F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-60	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-120F Advanced Bundle	FC-10-	FortiADC-120F 1 Year Advanced Bundle	1 Year 24x7
(FortiCare Premium plus AV, IPS,	A120F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-12	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			
FortiADC-120F Advanced Bundle	FC-10-	FortiADC-120F 3 Year Advanced Bundle	3 Year 24x7
(FortiCare Premium plus AV, IPS,	A120F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-36	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			
FortiADC-120F Advanced Bundle	FC-10-	FortiADC-120F 5 Year Advanced Bundle	5 Year 24x7
(FortiCare Premium plus AV, IPS,	A120F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-60	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			
FortiADC-120F IP Reputation	FC-10-	FortiADC-120F 1 Year IP Reputation	1 Year IRIS
Service	A120F-	Service	SVC
	140-02-12		
FortiADC-120F FortiGuard	FC-10-	FortiADC-120F 1 Year FortiGuard	1 Year CSD
Credential Stuffing Defense Service	A120F-	Credential Stuffing Defense Service	SVC
	143-02-12		

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FortiADC-120F FortiADC WAF	FC-10-	FortiADC-120F 1 Year FortiADC WAF	1 Year WAF
Security Service	A120F-	Security Service	SVC
	144-02-12		
FortiADC-120F FortiGuard AV	FC-10-	FortiADC-120F 1 Year FortiGuard AV	1 Year AV SVC
Services	A120F-	Services	
	100-02-12		
FortiADC-120F FortiGuard IPS	FC-10-	FortiADC-120F 1 Year FortiGuard IPS	1 Year IPS SVC
Service	A120F-	Service	
	108-02-12		
FortiADC-120F Web Filtering	FC-10-	FortiADC-120F 1 Year Web Filtering	1 Year WF &
Service	A120F-	Service	VF SVC
	112-02-12		
FortiADC-120F FortiADC Cloud	FC-10-	FortiADC-120F 1 Year FortiADC Cloud	1 Year FSA
Sandbox - Cloud Sandbox for	A120F-	Sandbox - Cloud Sandbox for FortiADC	SVC
FortiADC	123-02-12		
FortiADC-120F FortiCare Premium	FC-10-	FortiADC-120F 1 Year FortiCare Premium	1 Year 24x7
Support	A120F-	Support	FC SVC
	247-02-12		
FortiADC-120F FortiCare Premium	FC-10-	FortiADC-120F 3 Year FortiCare Premium	3 Year 24x7
Support	A120F-	Support	FC SVC
	247-02-36		
FortiADC-120F FortiCare Premium	FC-10-	FortiADC-120F 5 Year FortiCare Premium	5 Year 24x7
Support	A120F-	Support	FC SVC
	247-02-60		
FortiADC-120F Next Day Delivery	FC-10-	FortiADC-120F 1 Year Next Day Delivery	1 Year NBD
Premium RMA Service (Requires	A120F-	Premium RMA Service (Requires	PRMA SVC
FortiCare Premium or FortiCare	210-02-12	FortiCare Premium or FortiCare Elite)	
Elite)			
FortiADC-120F 4-Hour Hardware	FC-10-	FortiADC-120F 1 Year 4-Hour Hardware	1 Year 4HRS
Delivery Premium RMA Service	A120F-	Delivery Premium RMA Service	PRMA SVC
(Requires FortiCare Premium or	211-02-12	(Requires FortiCare Premium or	
FortiCare Elite)		FortiCare Elite)	
FortiADC-120F 4-Hour Hardware	FC-10-	FortiADC-120F 1 Year 4-Hour Hardware	1 Year 4HRS
and Onsite Engineer Premium	A120F-	and Onsite Engineer Premium RMA	ONSITE PRMA
RMA Service (Requires FortiCare	212-02-12	Service (Requires FortiCare Premium or	SVC
Premium or FortiCare Elite)	1	FortiCare Elite)	1

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FortiADC-120F Secure RMA Service	FC-10- A120F- 301-02-12	FortiADC-120F 1 Year Secure RMA Service	1 Year SRMA SVC
FortiADC-220F	FAD-220F	Application Delivery Controller - 4x RJ45 and 4x SFP. 1 x GE RJ45 management port, 1x console port. single power supply.	HW FAD-220F
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	12	Standard Bundle	Adv BDL SVC
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	36	Standard Bundle	Adv BDL SVC
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	60	Standard Bundle	Adv BDL SVC
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	12	Advanced Bundle	Adv BDL SVC
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	36	Advanced Bundle	Adv BDL SVC
FortiADC-220F Hardware plus	FAD-220F-	FortiADC-220F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	60	Advanced Bundle	Adv BDL SVC
FortiADC-220F Standard Bundle	FC-10-	FortiADC-220F 1 Year Standard Bundle	1 Year 24x7
(FortiCare Premium plus IP	AD2AF-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-12	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-220F Standard Bundle	FC-10-	FortiADC-220F 3 Year Standard Bundle	3 Year 24x7
(FortiCare Premium plus IP	AD2AF-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-36	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-220F Standard Bundle	FC-10-	FortiADC-220F 5 Year Standard Bundle	5 Year 24x7
(FortiCare Premium plus IP	AD2AF-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-60	and FortiADC WAF Security Service)	SVC
Security Service)			

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FortiADC-220F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD2AF- 619-02-12	FortiADC-220F 1 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	1 Year 24x7 ADC BDL SVC
FortiADC-220F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD2AF- 619-02-36	FortiADC-220F 3 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	3 Year 24x7 ADC BDL SVC
FortiADC-220F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD2AF- 619-02-60	FortiADC-220F 5 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	5 Year 24x7 ADC BDL SVC
FortiADC-220F IP Reputation Service	FC-10- AD2AF- 140-02-12	FortiADC-220F 1 Year IP Reputation Service	1 Year IRIS SVC
FortiADC-220F FortiGuard Credential Stuffing Defense Service	FC-10- AD2AF- 143-02-12	FortiADC-220F 1 Year FortiGuard Credential Stuffing Defense Service	1 Year CSD SVC
FortiADC-220F FortiADC WAF Security Service	FC-10- AD2AF- 144-02-12	FortiADC-220F 1 Year FortiADC WAF Security Service	1 Year WAF SVC
FortiADC-220F FortiGuard AV Services	FC-10- AD2AF- 100-02-12	FortiADC-220F 1 Year FortiGuard AV Services	1 Year AV SVC
FortiADC-220F FortiGuard IPS Service	FC-10- AD2AF- 108-02-12	FortiADC-220F 1 Year FortiGuard IPS Service	1 Year IPS SVC
FortiADC-220F Web Filtering Service	FC-10- AD2AF- 112-02-12	FortiADC-220F 1 Year Web Filtering Service	1 Year WF & VF SVC
FortiADC-220F FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC	FC-10- AD2AF- 123-02-12	FortiADC-220F 1 Year FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC	1 Year FSA SVC

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FortiADC-220F FortiCare Premium Support	FC-10- AD2AF- 247-02-12	FortiADC-220F 1 Year FortiCare Premium Support	1 Year 24x7 FC SVC
FortiADC-220F FortiCare Premium Support	FC-10- AD2AF- 247-02-36	FortiADC-220F 3 Year FortiCare Premium Support	3 Year 24x7 FC SVC
FortiADC-220F FortiCare Premium Support	FC-10- AD2AF- 247-02-60	FortiADC-220F 5 Year FortiCare Premium Support	5 Year 24x7 FC SVC
FortiADC-220F Next Day Delivery Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	FC-10- AD2AF- 210-02-12	FortiADC-220F 1 Year Next Day Delivery Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	1 Year NBD PRMA SVC
FortiADC-220F 4-Hour Hardware Delivery Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	FC-10- AD2AF- 211-02-12	FortiADC-220F 1 Year 4-Hour Hardware Delivery Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	1 Year 4HRS PRMA SVC
FortiADC-220F 4-Hour Hardware and Onsite Engineer Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	FC-10- AD2AF- 212-02-12	FortiADC-220F 1 Year 4-Hour Hardware and Onsite Engineer Premium RMA Service (Requires FortiCare Premium or FortiCare Elite)	1 Year 4HRS ONSITE PRMA SVC
FortiADC-220F Secure RMA Service	FC-10- AD2AF- 301-02-12	FortiADC-220F 1 Year Secure RMA Service	1 Year SRMA SVC
FortiADC-300F	FAD-300F	Application Delivery Controller - 4 x GE RJ-45 ports, 4x GE SFP, 1 x 128GB SSD Storage	HW FAD-300F
FortiADC-300F Hardware plus FortiCare Premium and FortiADC Standard Bundle	FAD-300F- BDL-973- 12	FortiADC-300F Hardware plus 1 Year FortiCare Premium and FortiADC Standard Bundle	1 Year HW, 24x7 FC & FG Std BDL SVC
FortiADC-300F Hardware plus FortiCare Premium and FortiADC Standard Bundle	FAD-300F- BDL-973- 36	FortiADC-300F Hardware plus 3 Year FortiCare Premium and FortiADC Standard Bundle	3 Year HW, 24x7 FC & FG Std BDL SVC
FortiADC-300F Hardware plus FortiCare Premium and FortiADC Standard Bundle	FAD-300F- BDL-973- 60	FortiADC-300F Hardware plus 5 Year FortiCare Premium and FortiADC Standard Bundle	5 Year HW, 24x7 FC & FG Std BDL SVC

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FortiADC-300F Hardware plus	FAD-300F-	FortiADC-300F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	12	Advanced Bundle	Adv BDL SVC
FortiADC-300F Hardware plus	FAD-300F-	FortiADC-300F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	36	Advanced Bundle	Adv BDL SVC
FortiADC-300F Hardware plus	FAD-300F-	FortiADC-300F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	60	Advanced Bundle	Adv BDL SVC
FortiADC-300F Standard Bundle	FC-10-	FortiADC-300F 1 Year Standard Bundle	1 Year 24x7
(FortiCare Premium plus IP	ADH3F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-12	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-300F Standard Bundle	FC-10-	FortiADC-300F 3 Year Standard Bundle	3 Year 24x7
(FortiCare Premium plus IP	ADH3F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-36	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-300F Standard Bundle	FC-10-	FortiADC-300F 5 Year Standard Bundle	5 Year 24x7
(FortiCare Premium plus IP	ADH3F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-60	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-300F Advanced Bundle	FC-10-	FortiADC-300F 1 Year Advanced Bundle	1 Year 24x7
(FortiCare Premium plus AV, IPS,	ADH3F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-12	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			
FortiADC-300F Advanced Bundle	FC-10-	FortiADC-300F 3 Year Advanced Bundle	3 Year 24x7
(FortiCare Premium plus AV, IPS,	ADH3F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-36	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			
FortiADC-300F Advanced Bundle	FC-10-	FortiADC-300F 5 Year Advanced Bundle	5 Year 24x7
(FortiCare Premium plus AV, IPS,	ADH3F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-60	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
Sandbox and Credential Stuffing		Defense Service)	
Defense Service)			

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FortiADC-300F IP Reputation	FC-10-	FortiADC-300F 1 Year IP Reputation	1 Year IRIS
Service	ADH3F-	Service	SVC
	140-02-12		
FortiADC-300F FortiGuard	FC-10-	FortiADC-300F 1 Year FortiGuard	1 Year CSD
Credential Stuffing Defense Service	ADH3F-	Credential Stuffing Defense Service	SVC
	143-02-12		
FortiADC-300F FortiADC WAF	FC-10-	FortiADC-300F 1 Year FortiADC WAF	1 Year WAF
Security Service	ADH3F-	Security Service	SVC
	144-02-12		
FortiADC-300F FortiGuard AV	FC-10-	FortiADC-300F 1 Year FortiGuard AV	1 Year AV SVC
Services	ADH3F-	Services	
	100-02-12		
FortiADC-300F FortiGuard IPS	FC-10-	FortiADC-300F 1 Year FortiGuard IPS	1 Year IPS SVC
Service	ADH3F-	Service	
	108-02-12		
FortiADC-300F Web Filtering	FC-10-	FortiADC-300F 1 Year Web Filtering	1 Year WF &
Service	ADH3F-	Service	VF SVC
	112-02-12		
FortiADC-300F FortiADC Cloud	FC-10-	FortiADC-300F 1 Year FortiADC Cloud	1 Year FSA
Sandbox - Cloud Sandbox for	ADH3F-	Sandbox - Cloud Sandbox for FortiADC	SVC
FortiADC	123-02-12		
FortiADC-300F FortiCare Premium	FC-10-	FortiADC-300F 1 Year FortiCare Premium	1 Year 24x7
Support	ADH3F-	Support	FC SVC
	247-02-12		
FortiADC-300F FortiCare Premium	FC-10-	FortiADC-300F 3 Year FortiCare Premium	3 Year 24x7
Support	ADH3F-	Support	FC SVC
	247-02-36		
FortiADC-300F FortiCare Premium	FC-10-	FortiADC-300F 5 Year FortiCare Premium	5 Year 24x7
Support	ADH3F-	Support	FC SVC
	247-02-60		
FortiADC-300F Next Day Delivery	FC-10-	FortiADC-300F 1 Year Next Day Delivery	1 Year NBD
Premium RMA Service (Requires	ADH3F-	Premium RMA Service (Requires	PRMA SVC
FortiCare Premium or FortiCare	210-02-12	FortiCare Premium or FortiCare Elite)	
Elite)			
FortiADC-300F 4-Hour Hardware	FC-10-	FortiADC-300F 1 Year 4-Hour Hardware	1 Year 4HRS
Delivery Premium RMA Service	ADH3F-	Delivery Premium RMA Service	PRMA SVC
(Requires FortiCare Premium or	211-02-12	(Requires FortiCare Premium or	
FortiCare Elite)		FortiCare Elite)	

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FortiADC-300F 4-Hour Hardware	FC-10-	FortiADC-300F 1 Year 4-Hour Hardware	1 Year 4HRS
and Onsite Engineer Premium	ADH3F-	and Onsite Engineer Premium RMA	ONSITE PRMA
RMA Service (Requires FortiCare	212-02-12	Service (Requires FortiCare Premium or	SVC
Premium or FortiCare Elite)	212-02-12	FortiCare Elite)	SVC
FortiADC-300F Secure RMA Service	FC-10-	FortiADC-300F 1 Year Secure RMA	1 Year SRMA
FORTIADC-300F Secure RIVIA Service			
	ADH3F-	Service	SVC
54005	301-02-12	A II II A 05	104/545 4005
FortiADC-400F	FAD-400F	Application Delivery Controller - 4 x GE	HW FAD-400F
		RJ45 ports, 4 x SFP GE ports, 2 x SFP+	
		10GbE ports, 1 x 128GB SSD storage,	
		Hardware SSL Accelerator, Optional	
		Redundant PSU	
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	12	Standard Bundle	Std BDL SVC
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	36	Standard Bundle	Std BDL SVC
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-973-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	60	Standard Bundle	Std BDL SVC
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	12	Advanced Bundle	Adv BDL SVC
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	36	Advanced Bundle	Adv BDL SVC
FortiADC-400F Hardware plus	FAD-400F-	FortiADC-400F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	BDL-619-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	60	Advanced Bundle	Adv BDL SVC
FortiADC-400F Standard Bundle	FC-10-	FortiADC-400F 1 Year Standard Bundle	1 Year 24x7
(FortiCare Premium plus IP	AD4HF-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-12	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-400F Standard Bundle	FC-10-	FortiADC-400F 3 Year Standard Bundle	3 Year 24x7
(FortiCare Premium plus IP	AD4HF-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-36	and FortiADC WAF Security Service)	SVC
Security Service)			

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FortiADC-400F Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	FC-10- AD4HF- 973-02-60	FortiADC-400F 5 Year Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	5 Year 24x7 FC & FG BDL SVC
FortiADC-400F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD4HF- 619-02-12	FortiADC-400F 1 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	1 Year 24x7 ADC BDL SVC
FortiADC-400F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD4HF- 619-02-36	FortiADC-400F 3 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	3 Year 24x7 ADC BDL SVC
FortiADC-400F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD4HF- 619-02-60	FortiADC-400F 5 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	5 Year 24x7 ADC BDL SVC
FortiADC-400F IP Reputation Service	FC-10- AD4HF- 140-02-12	FortiADC-400F 1 Year IP Reputation Service	1 Year IRIS SVC
FortiADC-400F FortiGuard Credential Stuffing Defense Service	FC-10- AD4HF- 143-02-12	FortiADC-400F 1 Year FortiGuard Credential Stuffing Defense Service	1 Year CSD SVC
FortiADC-400F FortiADC WAF Security Service	FC-10- AD4HF- 144-02-12	FortiADC-400F 1 Year FortiADC WAF Security Service	1 Year WAF SVC
FortiADC-400F FortiGuard AV Services	FC-10- AD4HF- 100-02-12	FortiADC-400F 1 Year FortiGuard AV Services	1 Year AV SVC
FortiADC-400F FortiGuard IPS Service	FC-10- AD4HF- 108-02-12	FortiADC-400F 1 Year FortiGuard IPS Service	1 Year IPS SVC

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FortiADC-400F Web Filtering Service	FC-10- AD4HF-	FortiADC-400F 1 Year Web Filtering Service	1 Year WF & VF SVC
Service	112-02-12	Service	VI SVC
FortiADC-400F FortiADC Cloud	FC-10-	FortiADC-400F 1 Year FortiADC Cloud	1 Year FSA
Sandbox - Cloud Sandbox for	AD4HF-	Sandbox - Cloud Sandbox for FortiADC	SVC
FortiADC	123-02-12		
FortiADC-400F FortiCare Premium	FC-10-	FortiADC-400F 1 Year FortiCare Premium	1 Year 24x7
Support	AD4HF-	Support	FC SVC
	247-02-12		
FortiADC-400F FortiCare Premium	FC-10-	FortiADC-400F 3 Year FortiCare Premium	3 Year 24x7
Support	AD4HF-	Support	FC SVC
	247-02-36		
FortiADC-400F FortiCare Premium	FC-10-	FortiADC-400F 5 Year FortiCare Premium	5 Year 24x7
Support	AD4HF-	Support	FC SVC
	247-02-60		4.1/
FortiADC-400F Next Day Delivery	FC-10-	FortiADC-400F 1 Year Next Day Delivery	1 Year NBD
Premium RMA Service (Requires	AD4HF-	Premium RMA Service (Requires	PRMA SVC
FortiCare Premium or FortiCare	210-02-12	FortiCare Premium or FortiCare Elite)	
Elite)	FC 10	FortiADC 400F4 Voor 4 Hours Hondroom	4 7/2 - 11 41 100
FortiADC-400F 4-Hour Hardware	FC-10- AD4HF-	FortiADC-400F 1 Year 4-Hour Hardware	1 Year 4HRS
Delivery Premium RMA Service (Requires FortiCare Premium or	211-02-12	Delivery Premium RMA Service (Requires FortiCare Premium or	PRMA SVC
FortiCare Elite)	211-02-12	FortiCare Elite)	
FortiADC-400F 4-Hour Hardware	FC-10-	FortiADC-400F 1 Year 4-Hour Hardware	1 Year 4HRS
and Onsite Engineer Premium	AD4HF-	and Onsite Engineer Premium RMA	ONSITE PRMA
RMA Service (Requires FortiCare	212-02-12	Service (Requires FortiCare Premium or	SVC
Premium or FortiCare Elite)	212 02 12	FortiCare Elite)	346
FortiADC-400F Secure RMA Service	FC-10-	FortiADC-400F 1 Year Secure RMA	1 Year SRMA
Total De Tool Seedle MVII (Service	AD4HF-	Service	SVC
	301-02-12		
FortiADC-1200F	FAD-1200F	Application Delivery Controller - 8 x	HW FAD-
		10GE SFP+ ports, 8 x GE SFP ports, 8 x GE	1200F
		RJ45 ports, 2 x GE RJ45 management	
		port, 1x 240G SSD, dual AC power	
		supplies	
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle		Standard Bundle	Std BDL SVC

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	BDL-973-		
	12		
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	BDL-973-	Standard Bundle	Std BDL SVC
	36		
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	BDL-973-	Standard Bundle	Std BDL SVC
	60		
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	BDL-619-	Advanced Bundle	Adv BDL SVC
	12		
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	BDL-619-	Advanced Bundle	Adv BDL SVC
	36		
FortiADC-1200F Hardware plus	FAD-	FortiADC-1200F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	1200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Advanced Bundle	BDL-619-	Advanced Bundle	Adv BDL SVC
	60		
FortiADC-1200F Standard Bundle	FC-10-	FortiADC-1200F 1 Year Standard Bundle	1 Year 24x7
(FortiCare Premium plus IP	AD12F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-12	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-1200F Standard Bundle	FC-10-	FortiADC-1200F 3 Year Standard Bundle	3 Year 24x7
(FortiCare Premium plus IP	AD12F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-36	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-1200F Standard Bundle	FC-10-	FortiADC-1200F 5 Year Standard Bundle	5 Year 24x7
(FortiCare Premium plus IP	AD12F-	(FortiCare Premium plus IP Reputation	FC & FG BDL
Reputation and FortiADC WAF	973-02-60	and FortiADC WAF Security Service)	SVC
Security Service)			
FortiADC-1200F Advanced Bundle	FC-10-	FortiADC-1200F 1 Year Advanced Bundle	1 Year 24x7
(FortiCare Premium plus AV, IPS,	AD12F-	(FortiCare Premium plus AV, IPS, WAF	ADC BDL SVC
WAF Security Service, IP	619-02-12	Security Service, IP Reputation, FortiADC	
Reputation, FortiADC Cloud		Cloud Sandbox and Credential Stuffing	
		Defense Service)	

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FC-10- AD12F- 619-02-36	FortiADC-1200F 3 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	3 Year 24x7 ADC BDL SVC
FC-10- AD12F- 619-02-60	FortiADC-1200F 5 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	5 Year 24x7 ADC BDL SVC
FC-10- AD12F- 140-02-12	FortiADC-1200F 1 Year IP Reputation Service	1 Year IRIS SVC
FC-10- AD12F- 143-02-12	FortiADC-1200F 1 Year FortiGuard Credential Stuffing Defense Service	1 Year CSD SVC
FC-10- AD12F- 144-02-12	FortiADC-1200F 1 Year FortiADC WAF Security Service	1 Year WAF SVC
FC-10- AD12F- 100-02-12	FortiADC-1200F 1 Year FortiGuard AV Services	1 Year AV SVC
FC-10- AD12F- 108-02-12	FortiADC-1200F 1 Year FortiGuard IPS Service	1 Year IPS SVC
FC-10- AD12F- 112-02-12	FortiADC-1200F 1 Year Web Filtering Service	1 Year WF & VF SVC
FC-10- AD12F- 123-02-12	FortiADC-1200F 1 Year FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC	1 Year FSA SVC
FC-10- AD12F- 247-02-12	FortiADC-1200F 1 Year FortiCare Premium Support	1 Year 24x7 FC SVC
	FC-10- AD12F- 619-02-36 FC-10- AD12F- 140-02-12 FC-10- AD12F- 143-02-12 FC-10- AD12F- 144-02-12 FC-10- AD12F- 100-02-12 FC-10- AD12F- 108-02-12 FC-10- AD12F- 112-02-12 FC-10- AD12F- 112-02-12 FC-10- AD12F- 112-02-12 FC-10- AD12F- 112-02-12 FC-10- AD12F- 123-02-12 FC-10- AD12F- 123-02-12 FC-10- AD12F-	AD12F- 619-02-36 (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service) FC-10- AD12F- 619-02-60 FC-10- AD12F- 140-02-12 FC-10- AD12F- 143-02-12 FC-10- AD12F- AD12F- 144-02-12 FC-10- AD12F- 100-02-12 FC-10- AD12F- 100-02-12 FC-10- AD12F- 108-02-12 FOrtiADC-1200F 1 Year FortiGuard IPS Service 172-02-12 FC-10- AD12F- 108-02-12 FORTIADC-1200F 1 Year Web Filtering Service FortiADC-1200F 1 Year FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC AD12F- 123-02-12 FO-10- AD12F- 123-02-12 FORTIADC-1200F 1 Year FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC FortiADC-1200F 1 Year FortiADC Cloud Sandbox - Cloud Sandbox for FortiADC FortiADC-1200F 1 Year FortiCare Premium Support

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FortiADC-1200F FortiCare Premium	FC-10- AD12F-	FortiADC-1200F 3 Year FortiCare	3 Year 24x7 FC SVC
Support	247-02-36	Premium Support	FC SVC
FortiADC-1200F FortiCare Premium	FC-10-	FortiADC-1200F 5 Year FortiCare	5 Year 24x7
Support	AD12F-	Premium Support	FC SVC
	247-02-60		
FortiADC-1200F Next Day Delivery	FC-10-	FortiADC-1200F 1 Year Next Day Delivery	1 Year NBD
Premium RMA Service (Requires	AD12F-	Premium RMA Service (Requires	PRMA SVC
FortiCare Premium or FortiCare Elite)	210-02-12	FortiCare Premium or FortiCare Elite)	
FortiADC-1200F 4-Hour Hardware	FC-10-	FortiADC-1200F 1 Year 4-Hour Hardware	1 Year 4HRS
Delivery Premium RMA Service	AD12F-	Delivery Premium RMA Service	PRMA SVC
(Requires FortiCare Premium or	211-02-12	(Requires FortiCare Premium or	
FortiCare Elite)		FortiCare Elite)	
FortiADC-1200F 4-Hour Hardware	FC-10-	FortiADC-1200F 1 Year 4-Hour Hardware	1 Year 4HRS
and Onsite Engineer Premium	AD12F-	and Onsite Engineer Premium RMA	ONSITE PRMA
RMA Service (Requires FortiCare	212-02-12	Service (Requires FortiCare Premium or	SVC
Premium or FortiCare Elite)		FortiCare Elite)	
FortiADC-1200F Secure RMA	FC-10-	FortiADC-1200F 1 Year Secure RMA	1 Year SRMA
Service	AD12F-	Service	SVC
	301-02-12		
FortiADC-2200F	FAD-2200F	Application Delivery Controller - 12 x	HW FAD-
		10GE SFP+ ports, 8 x GE SFP ports, 2 x GE	2200F
		RJ45 management port, 1x 240G SSD,	
		dual AC power supplies	
FortiADC-2200F Hardware plus	FAD-	FortiADC-2200F Hardware plus 1 Year	1 Year HW,
FortiCare Premium and FortiADC	2200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	BDL-973-	Standard Bundle	Std BDL SVC
	12		
FortiADC-2200F Hardware plus	FAD-	FortiADC-2200F Hardware plus 3 Year	3 Year HW,
FortiCare Premium and FortiADC	2200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	BDL-973-	Standard Bundle	Std BDL SVC
	36		
FortiADC-2200F Hardware plus	FAD-	FortiADC-2200F Hardware plus 5 Year	5 Year HW,
FortiCare Premium and FortiADC	2200F-	FortiCare Premium and FortiADC	24x7 FC & FG
Standard Bundle	BDL-973-	Standard Bundle	Std BDL SVC
	60		

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FortiADC-2200F Hardware plus FortiCare Premium and FortiADC Advanced Bundle	FAD- 2200F- BDL-619- 12	FortiADC-2200F Hardware plus 1 Year FortiCare Premium and FortiADC Advanced Bundle	1 Year HW, 24x7 FC & FG Adv BDL SVC
FortiADC-2200F Hardware plus FortiCare Premium and FortiADC Advanced Bundle	FAD- 2200F- BDL-619- 36	FortiADC-2200F Hardware plus 3 Year FortiCare Premium and FortiADC Advanced Bundle	3 Year HW, 24x7 FC & FG Adv BDL SVC
FortiADC-2200F Hardware plus FortiCare Premium and FortiADC Advanced Bundle	FAD- 2200F- BDL-619- 60	FortiADC-2200F Hardware plus 5 Year FortiCare Premium and FortiADC Advanced Bundle	5 Year HW, 24x7 FC & FG Adv BDL SVC
FortiADC-2200F Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	FC-10- AD22F- 973-02-12	FortiADC-2200F 1 Year Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	1 Year 24x7 FC & FG BDL SVC
FortiADC-2200F Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	FC-10- AD22F- 973-02-36	FortiADC-2200F 3 Year Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	3 Year 24x7 FC & FG BDL SVC
FortiADC-2200F Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	FC-10- AD22F- 973-02-60	FortiADC-2200F 5 Year Standard Bundle (FortiCare Premium plus IP Reputation and FortiADC WAF Security Service)	5 Year 24x7 FC & FG BDL SVC
FortiADC-2200F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD22F- 619-02-12	FortiADC-2200F 1 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	1 Year 24x7 ADC BDL SVC
FortiADC-2200F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	FC-10- AD22F- 619-02-36	FortiADC-2200F 3 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)	3 Year 24x7 ADC BDL SVC
FortiADC-2200F Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP	FC-10- AD22F- 619-02-60	FortiADC-2200F 5 Year Advanced Bundle (FortiCare Premium plus AV, IPS, WAF Security Service, IP Reputation, FortiADC	5 Year 24x7 ADC BDL SVC

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Reputation, FortiADC Cloud Sandbox and Credential Stuffing Defense Service)		Cloud Sandbox and Credential Stuffing Defense Service)	
FortiADC-2200F IP Reputation Service	FC-10- AD22F- 140-02-12	FortiADC-2200F 1 Year IP Reputation Service	1 Year IRIS SVC
FortiADC-2200F FortiGuard Credential Stuffing Defense Service	FC-10- AD22F- 143-02-12	FortiADC-2200F 1 Year FortiGuard Credential Stuffing Defense Service	1 Year CSD SVC
FortiADC-2200F FortiADC WAF Security Service	FC-10- AD22F- 144-02-12	FortiADC-2200F 1 Year FortiADC WAF Security Service	1 Year WAF SVC
FortiADC-2200F FortiGuard AV Services	FC-10- AD22F- 100-02-12	FortiADC-2200F 1 Year FortiGuard AV Services	1 Year AV SVC
FortiADC-2200F FortiGuard IPS Service	FC-10- AD22F- 108-02-12	FortiADC-2200F 1 Year FortiGuard IPS Service	1 Year IPS SVC
FortiADC-2200F Web Filtering Service	FC-10- AD22F- 112-02-12	FortiADC-2200F 1 Year Web Filtering Service	1 Year WF & VF SVC

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SOLUTION BRIEF

Mitigating Vulnerabilities: A FortiGate IPS Overview

Executive Summary

According to Verizon's 2020 Data Breach Investigations Report, nearly half (43%) of all successful data breaches can be traced back to an application vulnerability—a share that more than doubled year over year.¹ Vulnerabilities can be exploited through many different forms of attack—such as hacking, social engineering, malware, and bots. An effective intrusion prevention system (IPS) can help protect both known and predisclosed (zero-day) vulnerabilities from exploitation. FortiGate next-generation firewalls (NGFWs) include IPS capabilities and can even be deployed as a dedicated IPS solution. Powered by purpose-built security processors that accelerate performance and industry-leading threat intelligence from FortiGuard Labs, FortiGate IPS provides fast and effective vulnerability protection.

Vulnerabilities vs. Exploits

"Vulnerability" has generally come to be associated with unpatched software and misconfigurations.² It can refer to a bug or weakness in the code of an application, application programming interface (API), firmware, or operating system which can then be used to gain unauthorized access to the underlying system.

While over 100 billion lines of new software code are written each year, the number of security vulnerabilities has remained the same over the last two decades—an average of 26.7 critical vulnerabilities per application.3

Successful exploitation of a vulnerability enables attackers to run unverified and malicious code on the system and access the system's memory, or to gain system-level administrator access to install malware. Attackers use various different techniques—including injection (e.g., SQL, NoSQL expression language), buffer overflows, cross-site scripting (XSS), Java obfuscation, and other techniques to conceal malicious code.

"Exploit" refers to the tool used to maliciously attack a vulnerability. The exploit itself is typically a piece of software, a chunk of data, or a sequence of commands that takes advantage of an application or system to cause unintended or unanticipated behavior to occur. Exploit kits (or exploit packs) are automated programs used by attackers to exploit known vulnerabilities in systems or applications. They can be used to secretly launch attacks while victims are browsing the web, with the goal being to download and execute some type of malware. Sophisticated exploit kits are capable of attacking an assortment of different vulnerabilities across multiple applications.

A single vulnerability can be exploited in different ways. It can have a one-to-many relationship with exploits—where multiple exploits can target a single vulnerability in different ways. Or it can have a many-to-one relationship—where a single exploit may be capable of leveraging multiple different vulnerabilities simultaneously.

Since vulnerabilities continue to be a leading cause of breaches, most enterprises continuously monitor and patch vulnerabilities to prevent exploitation. When a new vulnerability is discovered, the software developer must quickly develop and release a patch to correct the problem. An organization's IT department must then act quickly to ensure the patch is deployed across all instances of the application throughout the infrastructure. This window can offer malicious actors all the time they need to customize and launch an attack against the disclosed vulnerability.

Even worse, there are also predisclosed (or zero-day) vulnerabilities—undiscovered bugs or flaws where no patch is available. Exploits against a zero-day vulnerability may take days or months before they are discovered—which can give an attacker ample time to do serious damage to an organization.⁴ Subsequently, even the most rigorous patch management strategies cannot fully address the risks of either known or zero-day vulnerabilities.

1

FortiGate IPS Protects Vulnerabilities Against Exploitation

To protect both known and zero-day vulnerabilities from exploitation, organizations need a next-generation **intrusion prevention system (IPS)** that works as an integrated part of their broader security architecture. Fortinet delivers industry-validated IPS capabilities via the FortiGate platform—using an existing FortiGate NGFW with the FortiGate IPS service or by deploying a dedicated FortiGate as a standalone IPS solution.

FortiGate IPS combines the performance of FortiGate security processors with multiple inspection engines, threat-intelligence feeds, and advanced threat capabilities to defend vulnerabilities against attacks. This includes virtual patching, which protects vulnerabilities at the network level using IPS signatures. With over 13,000 IPS signatures (and real-time updates from FortiGuard Labs), FortiGate IPS helps organizations respond to the latest threats faster, while offering complete protection across all types of vulnerabilities.

First and foremost, FortiGate IPS is built for speed. Protection happens at line speed—the same as standalone IPS devices. Fortinet's IPS engine automatically inspects packets and applies filters to content passing through the FortiOS operating system. Once the IPS engine identifies a pattern, it then offloads the full signature-matching process to FortiGate's content processor in order to maintain optimal line-speed protection.

Fast Signature Delivery Powered by FortiGuard Labs

Fast signature delivery is another key advantage that Fortinet offers. FortiGate IPS benefits from the artificial intelligence (Al)-driven threat research done by FortiGuard Labs on both known and new vulnerabilities. Based on the latest telemetry data, FortiGuard Labs creates proactive signatures to detect any exploits of the vulnerability before the vendor has released a patch. This enables FortiGuard Labs to inform FortiGate IPS (and all the other integrated components of the Fortinet Security Fabric) with the latest threat intelligence.

FortiGate IPS signatures are updated on a daily basis, after a rigorous testing and validation process to minimize false positives. In most cases, a signature for any new critical vulnerability is delivered within 48 hours of discovery. For many competing solutions, weekly updates are the norm—which extends the window of potential exploitation.

FortiGate IPS also uses machine learning (ML) to perform automated signature analysis for advanced protection against botnet attacks. With literally millions of botnet signatures coming in, ML offers an intelligent tool for detecting vulnerabilities that may be prone to bot-based attacks.

A Complement to Comprehensive Security

Fortinet earned a third consecutive "Recommended" rating from the most recent NSS Labs Next Generation IPS (NGIPS) Test Report.⁵ NSS Labs also noted that FortiGate IPS offered the best total cost of ownership (TCO)—an important consideration when trying to protect an enterprise from the latest threat exposures with limited resources.

As part of the Fortinet Security Fabric, FortiGate IPS helps secure an organization's entire infrastructure from end to end. FortiGate IPS benefits from intelligence sharing with other Fortinet products as well as Fabric-Ready Partner products. For example, FortiGate IPS works with solutions such as FortiClient (endpoint protection) and FortiSandbox (sandboxing) to uncover unknown vulnerabilities in the wild (such as new malware variants) and then convert them into known threats—with the help of the FortiGuard Labs research team. FortiGate IPS also utilizes advanced analytics and policy workflows through FortiAnalyzer.

These key integrations make investigation and incident response more productive, as they can take place in the context of the whole Security Fabric architecture instead of as isolated data from a standalone IPS appliance or firewall sensor. Additionally, FortiGate IPS is a rich source of forensic details that are equally available to other Security Fabric solutions—which in turn helps fortify the organization's overall security posture. In this pursuit, FortiGate IPS gives enterprises the ability to detect, isolate, and remediate critical vulnerabilities wherever they are found.

- ¹ "2020 Data Breach Investigations Report," Verizon, May 2020.
- ² Rich Campagna, "The 9 Types of Security Vulnerabilities," Security Boulevard, May 28, 2020.
- ³ "Malware and ransomware attack volume down due to more targeted attacks," Help Net Security, February 5, 2020.
- ⁴ Jack Wallen, "What is a zero-day vulnerability?," TechRepublic, October 18, 2019.
- Thomas Williams and Matt Wheeler, "Next Generation Intrusion Prevention System (NGIPS) Test Report: Fortinet FortiGate-100F," NSS Labs, October 18, 2019.



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