

Conti and LockBit Make Waves with High-Profile Attacks

Ransomware in Q4 2021

	OCT	NOV	DEC
Enterprise	14,838	15,089	16,518
Consumer	4,049	4,320	3,940
SMB	2,389	2,539	2,851

Figure 1A. Monthly ransomware file detections across business segments

	OCT		NOV		DEC	
Enterprise	WannaCry	5,685	WannaCry	5,778	WannaCry	5,436
	Locky	432	LockBit	671	LockBit	467
	Cerber	358	Locky	333	GandCrab	444
	GandCrab	304	GandCrab	305	Conti	266
	LockBit	219	Cerber	301	Maze	262
Consumer	Locky	840	Locky	799	Locky	800
	StopCrypt	396	StopCrypt	336	Cerber	223
	Cerber	194	Cerber	216	StopCrypt	150
	WannaCry	151	WannaCry	140	WannaCry	143
	Gorf	92	Gorf	84	Gorf	92
SMB	WannaCry	316	WannaCry	270	WannaCry	276
	LockBit	75	Conti	163	Cryptor	125
	Maze	45	LockBit	93	MountLocker	82
	StopCrypt	35	Maze	48	Locky	78
	GandCrab	29	StopCrypt	44	MorrisCrypt	71

Figure 1B. Top ransomware families highlighting notable modern ransomware families

	OCT	NOV	DEC
WannaCry	6,156	WannaCry	6,196
Locky	1,292	Locky	1,171
Cerber	390	LockBit	811
GandCrab	376	Cerber	537
LockBit	349	StopCrypt	526
Maze	209	GandCrab	417
DarkSide	208	Conti	320
Gorf	152	Maze	228
Crypwall	136	Sodinokibi	146
Conti	131	MountLocker	128
Others	12,066	Others	11,646
TOTAL	21,465	TOTAL	22,126
		TOTAL	23,443

Figure 2. Top ransomware families operating in Q4

OCT		NOV		DEC	
Government	1,409	Healthcare	1,894	Government	1,570
Healthcare	1,189	Government	1,657	Healthcare	1,055
Financial	769	Insurance	590	Transportation	612

Figure 3A. Top 3 industries

OCT			NOV			DEC		
Government	WannaCry	1,259	Healthcare	LockBit	534	Government	WannaCry	1,298
	StopCrypt	17		WannaCry	323		MorrisCrypt	26
	Cerber	7		Maze	60		GandCrab	16
Healthcare	WannaCry	340	Government	WannaCry	1,384	Healthcare	WannaCry	237
	Maze	60		GandCrab	17		Maze	60
	Locky	51		StopCrypt	12		Locky	44
Financial	WannaCry	103	Insurance	WannaCry	60	Transportation	Cerber	38
	Cerber	51		Thanos	59		Locky	31
	Locky	35		Cerber	33		Crypwall	25

Figure 3B. Top 3 families affecting top 3 industries

OCT									
US	3,241	India	1,971	Japan	1,527	Brazil	1,386	Mexico	1,205
Maze	153	WannaCry	1,320	Locky	744	WannaCry	332	WannaCry	330
LockBit	152	StopCrypt	59	Cerber	120	Cerber	60	Cerber	60
Locky	68	GandCrab	39	StopCrypt	72	Locky	33	Locky	33
WannaCry	63	Gorf	14	LockBit	26	GandCrab	31	GandCrab	31
GandCrab	58	Conti	13	Gorf	25	Crypwall	21	Crypwall	21
Cerber	57	Babuk	13	Nemucod	23	DarkSide	17	DarkSide	17
Conti	47	Cryptesla	12	FakeGlobe	21	StopCrypt	17	StopCrypt	17
Filecoder	38	Ryuk	11	WannaCry	19	Cryptesla	14	Cryptesla	15
Clop	35	MountLocker	11	GandCrab	17	Crypctb	11	Crilock	12
Sodinokibi	33	Shade	10	Exmas	15	Crilock	10	Cryptlock	11

Figure 4A. Top 10 ransomware families affecting the top 5 countries in October 2021

NOV									
US	3,232	Brazil	2,145	Japan	1,837	India	1,536	Taiwan	1,328
Conti	172	LockBit	548	Locky	752	WannaCry	1,137	WannaCry	158
Maze	146	WannaCry	325	Cerber	132	Stopcrypt	55	Stopcrypt	69
Locky	98	Cerber	52	Crawl	56	Locky	20	GandCrab	34
Cerber	86	GandCrab	40	Stopcrypt	42	Gorf	11	Filecoder	32
WannaCry	56	Locky	31	Gorf	37	Wanna	9	Cryptolock	27
GandCrab	39	StopCrypt	29	LockBit	32	Crypmod	8	WannaCrypt	19
Cryptesla	39	Crypwall	22	GandCrab	27	Cerber	8	Cobra	13
Filecoder	38	Hive	19	Aurora	27	GandCrab	8	Encoder	12
Clop	37	Crysis	17	WannaCry	25	Conti	7	Sodinokibi	12
Scarab	34	MountLocker	16	FakeGlobe	19	Babuk	7	Cerber	12

Figure 4B. Top 10 ransomware families affecting the top 5 countries in November 2021

DEC									
US	4,271	India	2,699	Turkey	1,657	Japan	1,484	Taiwan	1,448
Maze	220	WannaCry	1,274	WannaCry	254	Locky	695	WannaCry	103
Locky	145	GandCrab	96	Cerber	100	Cerber	112	Roduk	57
Cryptor	125	MountLocker	66	Locky	71	Gorf	40	Lockbit	54
MountLocker	106	Egregor	42	Crypwall	58	Rapid	37	GandCrab	43
Morriscrypt	71	Gorf	40	GandCrab	53	LockBit	30	StopCrypt	36
GandCrab	70	Sodinokibi	33	Cryptesla	32	GandCrab	28	Gorf	34
WannaCry	70	Shade	30	Crilock	28	Nemucod	20	Filecoder	28
Cerber	63	Trytocry	30	Cryptlock	25	Sodinokibi	18	MountLocker	24
Clop	54	Conti	29	Spora	25	Reveton	14	Wanna	16
Filecoder	51	LockBit	29	Cryptctb	22	WannaCry	14	Sodinokibi	14

Figure 4C. Top 10 ransomware families affecting the top 5 countries in December 2021

