Moshi Moshi Retail Corporation Public Company Limited.

Pretest

การดูแลระบบ
Firewall & Active Directory (AD)
เบื้องต้น

วัตถุประสงค์

01

✓ เพื่อให้ผู้เข้าอบรมเข้าใจหลักการใช้งานและการดูแลระบบ Firewall ได้ดียิ่งขึ้น

02

✓ เพื่อเสริมสร้างทักษะให้ผู้เข้าอบรมสามารถใช้ระบบ Firewall ได้อย่างถูกต้อง และรวดเร็ว

03

✓ เพื่อให้ผู้เข้าอบรมสามารถนำความรู้ไปประยุกค์ใช้งานในการทำงานได้อย่างมีประสิทธิภาพยิ่งขึ้น

Network (เครือข่าย) คืออะไร

- ✓ Network หมาย ถึงระบบเครือข่ายที่มีการเชื่อมต่อระหว่างอุปกรณ์สื่อสารหรือคอมพิวเตอร์ตั้งแต่ 2 เครื่องขึ้นไป แล้ว Computer network คืออะไร เครือข่ายคอมพิวเตอร์นั้นก็จะเป็น network หรือเครือข่ายเช่นกันส่วนการใช้งานจะเพื่อการสื่อสารระหว่างคอมพิวเตอร์ 2 เครื่องขึ้นไป ฉะนั้นระบบ network คือการให้ผู้ใช้งานบนเครือข่ายสามารถติดต่อสื่อสารรับส่งข้อมูล และควบคุมอุปกรณ์ต่างๆ ที่อยู่บนเครือข่ายได้

- ✓ ระบบ network นั้นสามารถติดตั้งได้ตั้งแต่แผงวงจรอิเล็กทรอนิกส์เดียวกัน และสามารถขยายระบบให้ใหญ่ขึ้นเพื่อใช้งานได้ทั้งในระหว่างห้องทำงานที่อยู่ในตึกเดียวกันแล้วถ้าขยายระบบเครือข่ายให้ใหญ่ขึ้นกว่าเดิมอีกก็จะเชื่อมต่อระหว่างตึก ระหว่างเมือง จนถึงระหว่างประเทศเลยที่เดียว

Network มีหน้าที่อะไร

- ✓ หน้าที่หลักๆ ของ Network คือการเชื่อมต่อทั้งอุปกรณ์สื่อสารทั้งหมดและคอมพิวเตอร์ทำให้คอมพิวเตอร์และอุปกรณ์เหล่านั้นสื่อสารและรับ-ส่งข้อมูลกันได้ โดยข้อมูลต่างๆ เหล่านั้นเป็นได้ทั้งข้อความ เสียง รูปภาพ ซึ่งผู้ใช้สามารถส่งให้กันและกันได้ไม่ว่าจะเป็นระหว่างภายในอาคารหรือข้ามเมืองและข้ามประเทศ ระบบ networkเพิ่มความสะดวกสบายและความรวดเร็วให้กับผู้ใช้งานที่อยู่คนละที่

รูปแบบของ Network

01

✓ PAN (Personal Area Network)

PAN หรือที่เรียกกันว่า แพน นั้นย่อมาจาก Personal Area Network คือระบบเครือข่ายไร้สายที่ใช้สำหรับส่วนบุคคล ตัวอย่างคือระบบ Bluetooth ที่สามารถเชื่อมต่ออุปกรณ์ส่วนบุคคลเช่นโทรศัพท์มือถือกับคอมพิวเตอร์ เป็นต้น โดยระยะทางของระบบ PAN นั้นมีระยะทางที่สั้นไม่เกิน 1 เมตร แต่ก็มีอัตรารับ-ส่งข้อมูลที่เร็วมาก

02

✓ LAN (Local Area Network)

LAN หรือที่เรียกกันว่า แลน นั้นย่อมาจาก Local Area Network คือระบบเครือข่ายเฉพาะที่และเป็นระบบที่เชื่อมต่อคอมพิวเตอร์และอุปกรณ์เข้าหากันในระยะทางที่จำกัด โดยส่วนใหญ่จะใช้สายสัญญาณที่ชื่อว่า สายแลน ในการเชื่อมต่อระหว่างอุปกรณ์ต่างๆ กับคอมพิวเตอร์ ความเร็วของLAN นั้นจะอยู่ระหว่าง 1-100 Mbps ซึ่งความเร็วจะขึ้นอยู่กับตัวกลาง เทคนิคการส่ง และกำหนดของผู้ให้บริการ network เครือข่ายแลนมักจะใช้กันในหอพัก สำนักงาน และบ้าน

รูปแบบของ Network

03

✓ MAN (Metropolitan Area Network)

MAN หรือที่เรียกกันว่า แมน นั้นย่อมาจาก Metropolitan Area Network คือเครือข่ายนครหลวงที่เชื่อมต่อกับสิ่งที่อยู่ไกลกันในระยะทางจากหลาย10ถึงหลาย100 กิโลเมตรถือว่าเป็นระบบ networkที่ครอบคลุมพื้นที่กว้างในระดับหนึ่งโดยสามารถเชื่อมต่อสำนักงานที่อยู่คนละจังหวัด การเชื่อมต่อใช้ได้ทั้งสายใยแก้วนำแสงหรือคลื่นไมโครเวฟแต่ระยะการเชื่อมต่อยังสั้นกว่าระบบแบบสุดท้ายหรือระบบแวน

04

✓ WAN (Wide Area Network)

WAN หรือที่เรียกกันว่า แวน นั้นย่อมากจาก Wide Area Network คือเครือข่ายระยะทางไกลและเป็นระบบ network ที่เชื่อมต่อกันในระยะทางหลายๆ กิโลเมตร สามารถใช้เชื่อมโยงตั้งแต่ระหว่างเมืองจนถึงระหว่างประเทศแต่เพราะว่ามีระยะทางที่ค่อนข้างไกลทำให้ความเร็วของการเชื่อมโยงนั้นค่อนข้างช้าจากสัญญาณรบกวนต่างๆ ที่อาจจะเกิดขึ้นได้ระหว่างการส่งและรับข้อมูล

ระบบแวนนั้นสามารถแบ่งออกได้อีกสองประเภทหลักๆ ซึ่งก็คือ Private Network (เครือข่ายส่วนตัว) และ public data network (เครือข่ายสาธารณะ) สามารถอ่านข้อมูลเกี่ยวกับเครือข่ายแวนเพิ่มเติมได้ที่

✓ IP Address คืออะไร

- ✓ IP Address (Internet Protocol Address) คือ หมายเลขประจำเครื่องคอมพิวเตอร์แต่ละเครื่องในระบบเครือข่ายที่ใช้ Protocol แบบ TCP/IP สามารถบอกได้ว่าเครื่องคอมพิวเตอร์ตั้งอยู่ที่ไหน ซึ่งสามารถระบุได้ผ่าน IP Address และแน่นอนว่าเลข IP ของแต่ละเครื่องนั้นไม่เหมือนกัน เพราะถ้าซ้ำการส่งข้อมูลผ่านเครือข่ายก็อาจจะงงได้ว่าต้องส่งข้อมูลไปที่ไหนที่เราใช้ในปัจจุบันนั้นจะเป็นชนิดที่เรียกว่า IPv4(IP Version 4) 32 Bits ซึ่งไม่เพียงพอต่อการใช้งาน จึงมีการพัฒนาเป็น IPv6(IP Version 6) 128 Bits เพื่อรองรับอุปกรณ์และเทคโนโลยีใหม่ๆที่ต้องใช้ IP Address ในการติดต่อสื่อสาร

Public IP กับ Private IP คืออะไร

Public IP :(หมายเลขไอพีสาธารณะ) : คือ IP Address ที่สามารถเชื่อมต่อ และใช้งานอินเทอร์เน็ตได้ โดย Public IP แบ่งออกเป็น 2 แบบย่อย คือ

1.Static IP: เลข IP ที่ถูกกำหนด (Fix) มาจากผู้ให้บริการอินเทอร์เน็ต โดยเลข IP ประเภทนี้ใช้ในเครือข่ายคอมพิวเตอร์ของบริษัทหรือธุรกิจใด ๆ

2.Dynamic IP: เลข IP ที่เปลี่ยนแปลงตามการเชื่อมต่ออินเทอร์เน็ตในแต่ละครั้ง โดยเลข IP สำหรับผู้ใช้งานทั่วไปก็คือ Dynamic IP นั่นเอง

Private IP (หมายเลขไอพีส่วนตัว): คือเลข IP ที่ถูกตั้งขึ้นมาเพื่อใช้งานกับอุปกรณ์ภายในองค์กร เกิดจากการตั้งค่าเราเตอร์ส่วนกลางที่มี Public IP อยู่แล้ว แล้วกระจายเลข IP ที่ตั้งเป็น Private IP เอาไว้ ซึ่งเลข IP แบบ Private IP มักจะมีตัวเลขส่วนท้ายที่แตกต่างกัน แยกตามอุปกรณ์แต่ละเครื่อง

IP Address ใน IPv4 แบ่ง Class ได้ดังนี้

Class A มีตัวเลข 0.0.0.0 ถึง 127.255.255.255 เหมาะสำหรับองค์กรขนาดใหญ่ มีผู้ใช้งานจำนวนมาก สามารถกำหนดเลข IP Address ได้ถึง 16 ล้านหมายเลข

Class B มีตัวเลข 128.0.0.0 ถึง 191.255.255.255 เหมาะสำหรับองค์กรขนาดกลาง กำหนดเลข IP Address สำหรับผู้ใช้งานประมาณ 65,000 หมายเลข

Class C มีตัวเลข 192.0.0.0 ถึง 223.255.255.255 เหมาะสำหรับเครื่องคอมพิวเตอร์ภายในเครื่องข่ายได้จำนวนหมายเลข 254 หมายเลข

Class D มีตัวเลข 224.0.0.0 ถึง 239.255.255.255 จะใช้ในเครือข่ายแบบ Multicast Addresses เท่านั้น

Class E เป็น Class สำหรับอนาคต จึงยังไม่ได้กำหนดรูปแบบการใช้งาน (Reserved Addresses)

Subnet Mask คืออะไร

เป็นค่า Parameter ซึ่งใช้ระบุควบคู่กับเจ้าตัว IP Address โดย Subnet Mask มีหน้าที่แบ่งแยกส่วนของ IP Address ว่าส่วนไหนเป็น Network ID และ ส่วนไหนเป็น Host ID โดยจะสามารถสังเกตได้เพราะทุกครั้งเมื่อเรากำหนดหมายเลข IP Address ให้กับเครื่องคอมพิวเตอร์ในเครือข่ายต้องกำหนด Subnet Mask ลงไปด้วยทุกครั้ง IP Address จะเพิ่มขึ้นหรือลดลงอยู่ที่ Subnet Mask ที่เรากำหนดค่าไว้ให้ โดยมีการแบ่ง Class ดังนี้

Class	รูปแบบ	รูปแบบทั่วไป	Prefix length
A	N.H.H.H	255.0.0.0	/8
B	N.N.H.H	255.255.0.0	/16
C	N.N.N.H	255.255.255.0	/24

Firewall คืออะไร

Firewall คือ ซอฟต์แวร์หรือฮาร์ดแวร์ บนระบบเครือข่าย ที่ทำหน้าที่ตรวจสอบข้อมูลที่ผ่านเข้า-ออกระบบเครือข่าย จะมีการกำหนดกฎ เพื่อควบคุมการเข้า-ออกของข้อมูล เป็นการป้องกันว่าข้อมูลที่จะส่งผ่านนั้นมีความปลอดภัยหรือไม่ โดยเปรียบเทียบกับกฎต่างๆ ที่ทางผู้ใช้งานได้กำหนดไว้ แต่ก็ขึ้นกับการตัดสินใจของผู้ใช้งานเองด้วย ถ้าหากข้อมูลไม่ปลอดภัยได้แต่รับการอนุญาตจากผู้ใช้งาน Firewall ก็จะปล่อยให้ผ่านเข้าไปได้

Firewall มีประโยชน์อย่างไร

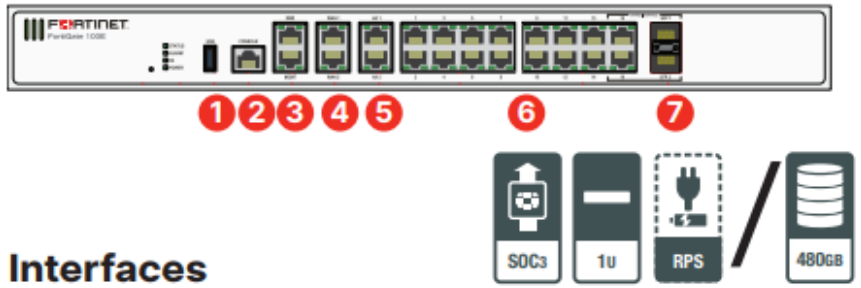
- ✓ ช่วยลดช่องโหว่การรักษาความปลอดภัยเครือข่ายของบริษัท
- ✓ ช่วยตรวจสอบและควบคุมการใช้อินเตอร์เน็ต
- ✓ ใช้ในการตรวจสอบเครือข่ายเพื่อป้องกันการโจมตีหรือการละเมิด
- ✓ ช่วยปกป้องอีเมลและชื่อเสียงของบริษัท
- ✓ การสร้างเครือข่ายส่วนตัวเสมือน
- ✓ ช่วยบริหารจัดการระบบเครือข่ายของบริษัท

HARDWARE

HQ

HARDWARE

FortiGate 100E



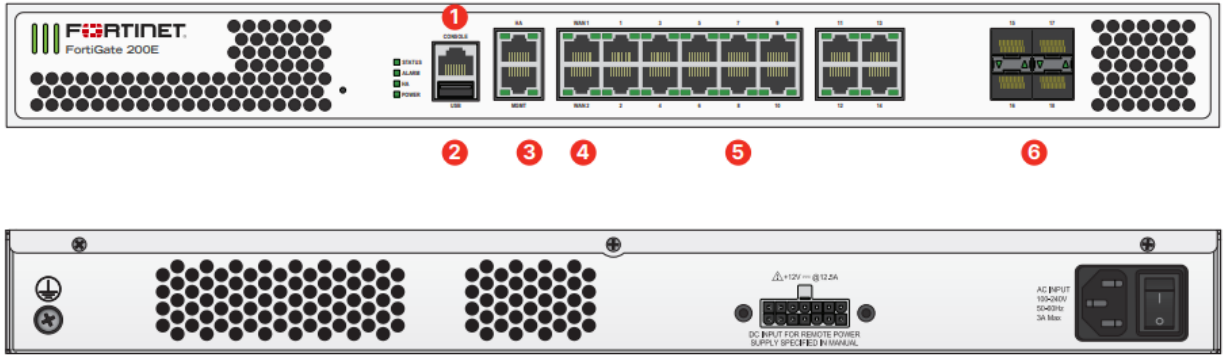
Interfaces

1. USB Port
2. Console Port
3. 2x GE RJ45 MGMT/DMZ Ports
4. 2x GE RJ45 WAN Ports
5. 2x GE RJ45 HA Ports
6. 14x GE RJ45 Ports
7. 2x GE RJ45/SFP Shared Media Pairs

WH

HARDWARE

FortiGate 200E/201E



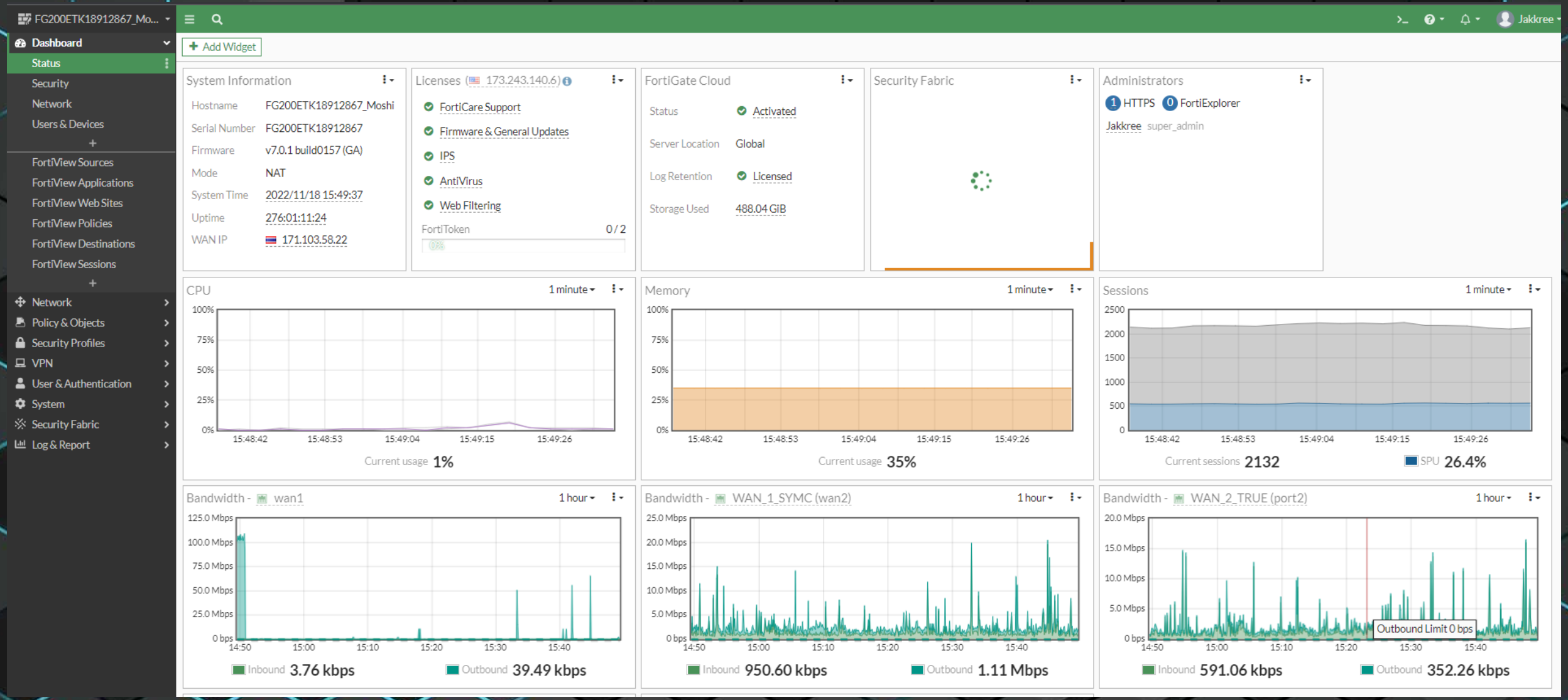
Interfaces

1. Console Port
2. USB Port
3. 2x GE RJ45 MGMT/HA Ports
4. 2x GE RJ45 WAN Ports
5. 14x GE RJ45 Ports
6. 4x GE SFP Slots

Hardware Features

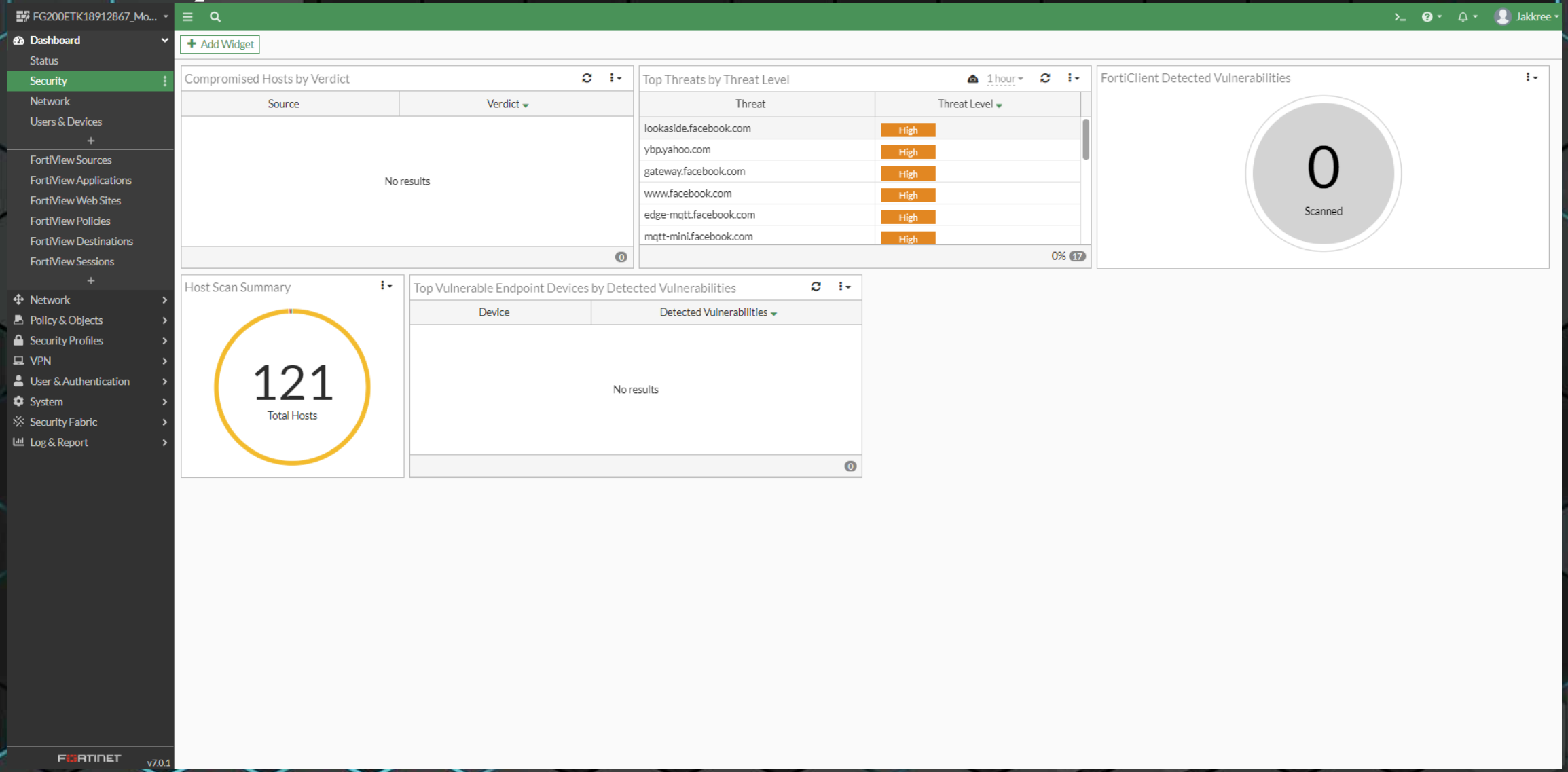
Features Firewall

1.Dashboard - Status



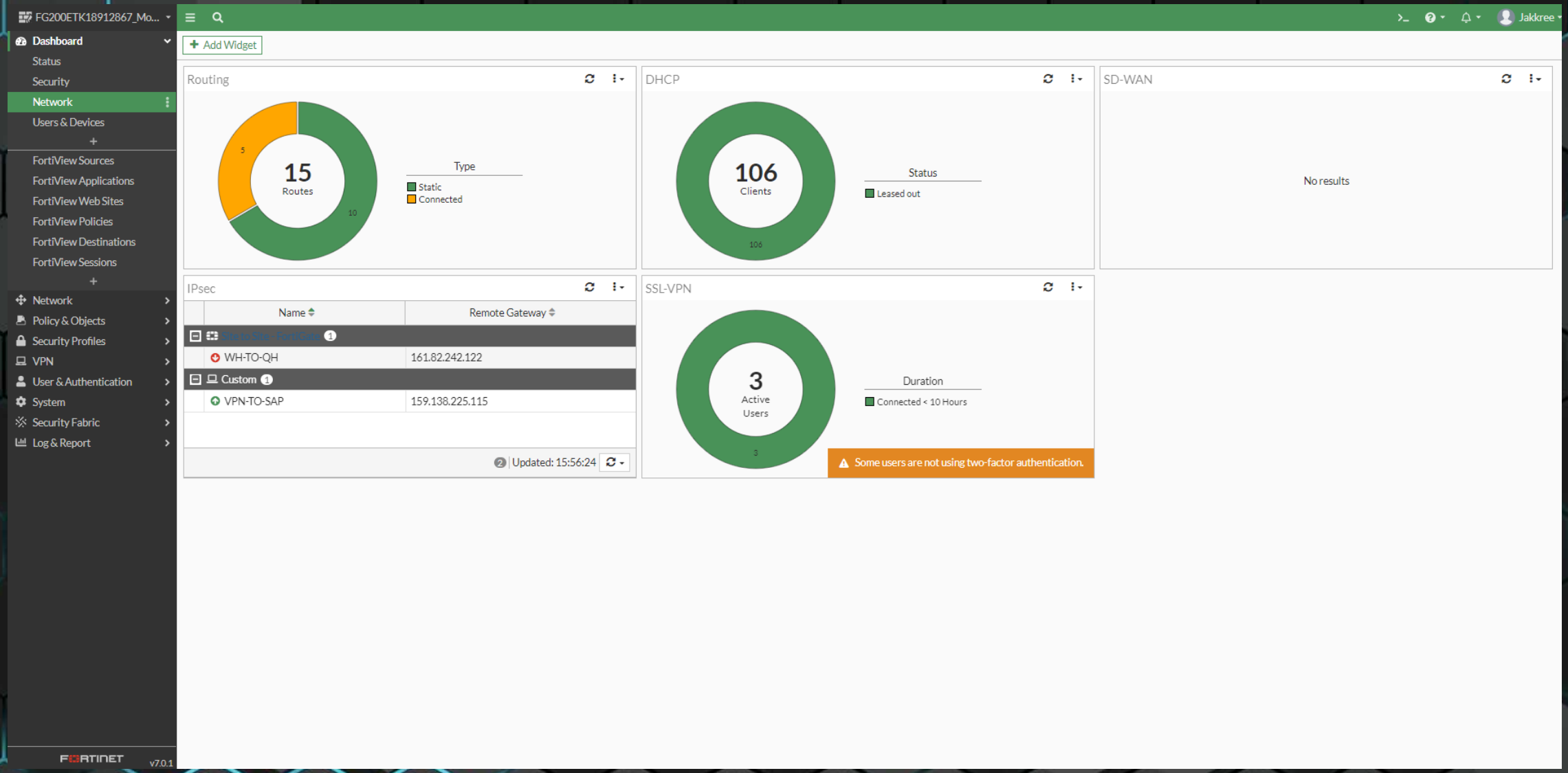
1.Dashboard

- Security ทำหน้าที่แสดงการตรวจสอบความปลอดภัย



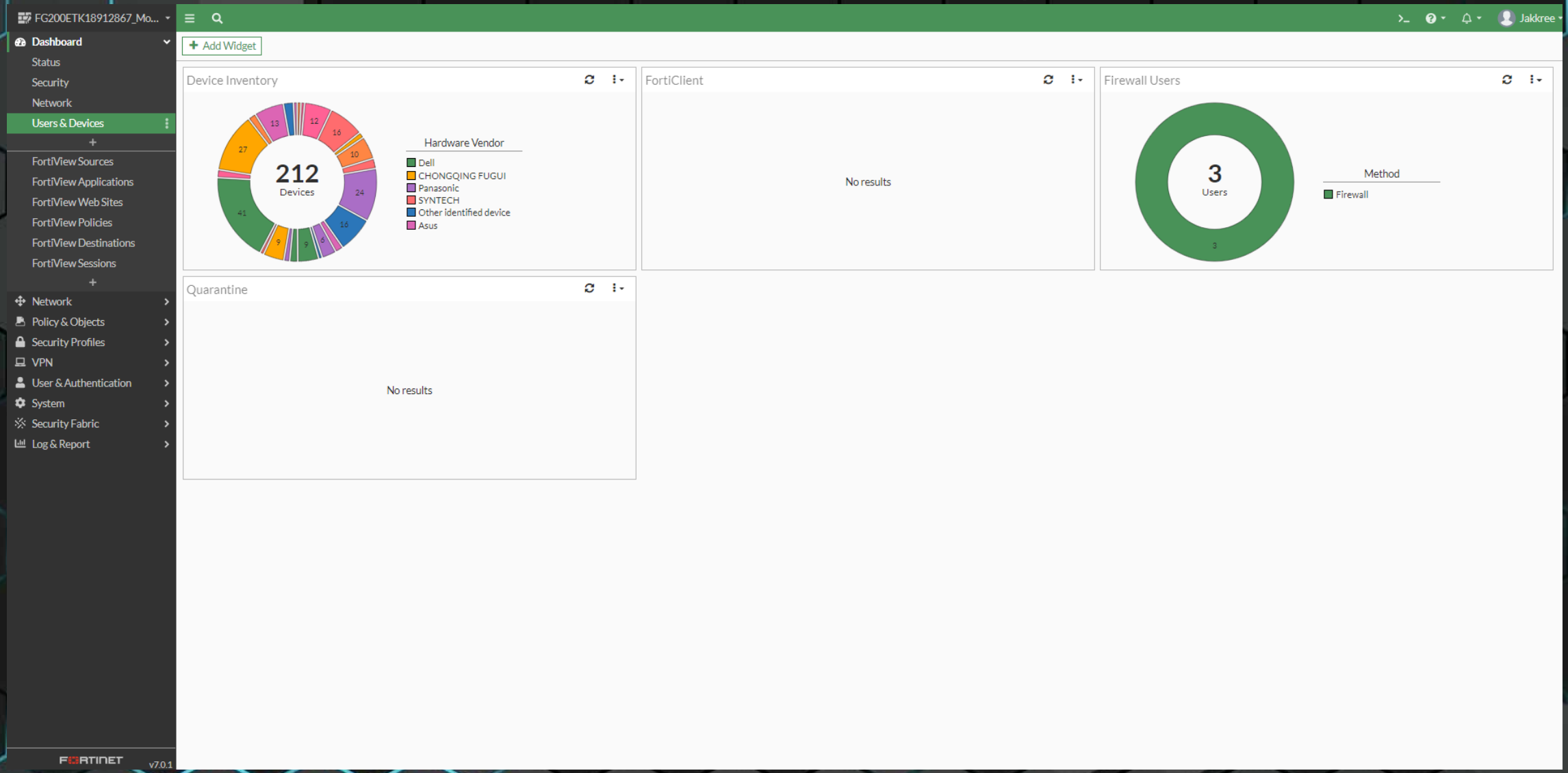
1.Dashboard

- Network ทำหน้าที่แสดงสถานะ Network

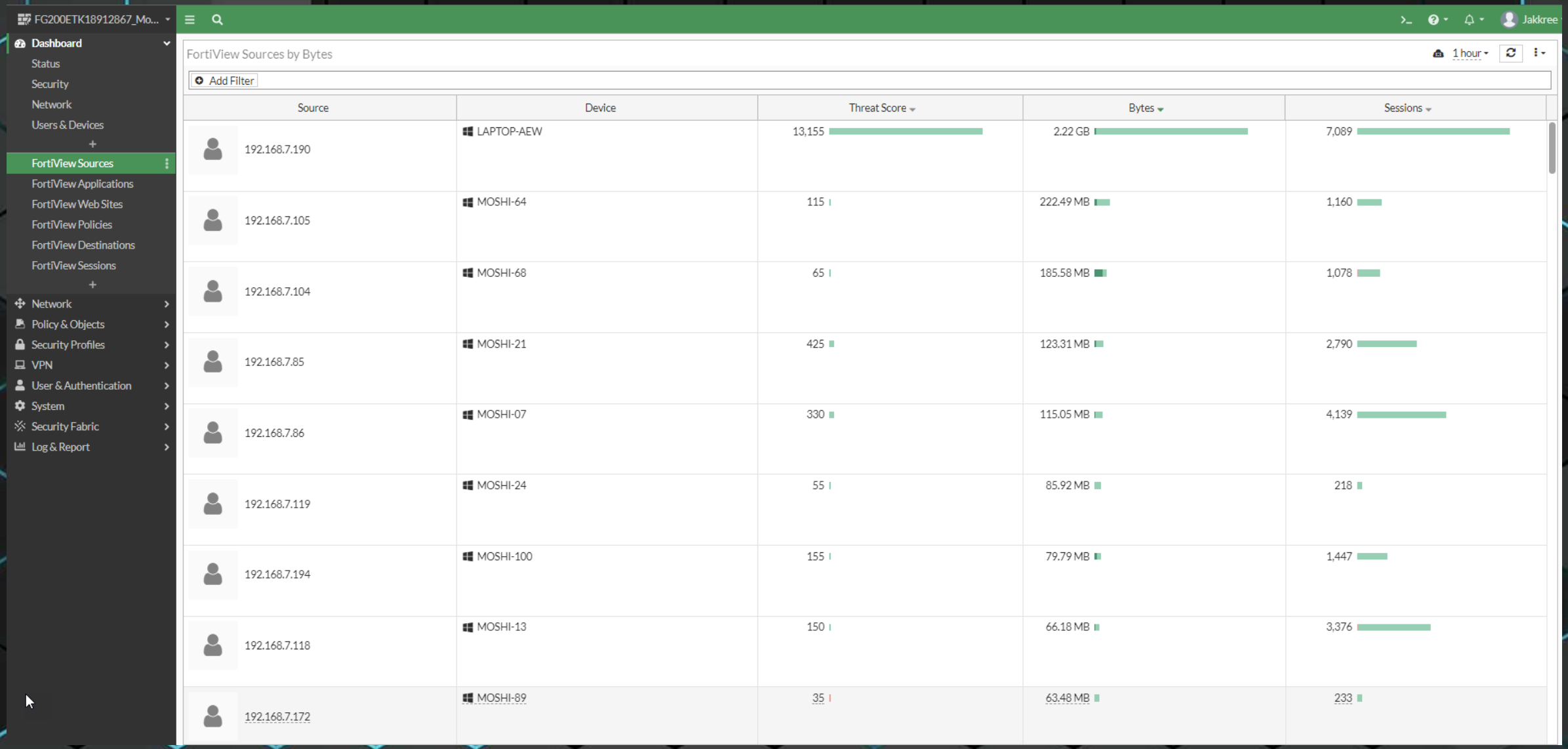


1.Dashboard

- User & Devices ทำหน้าที่แสดงการตรวจสอบการเชื่อมต่อของอุปกรณ์และ User

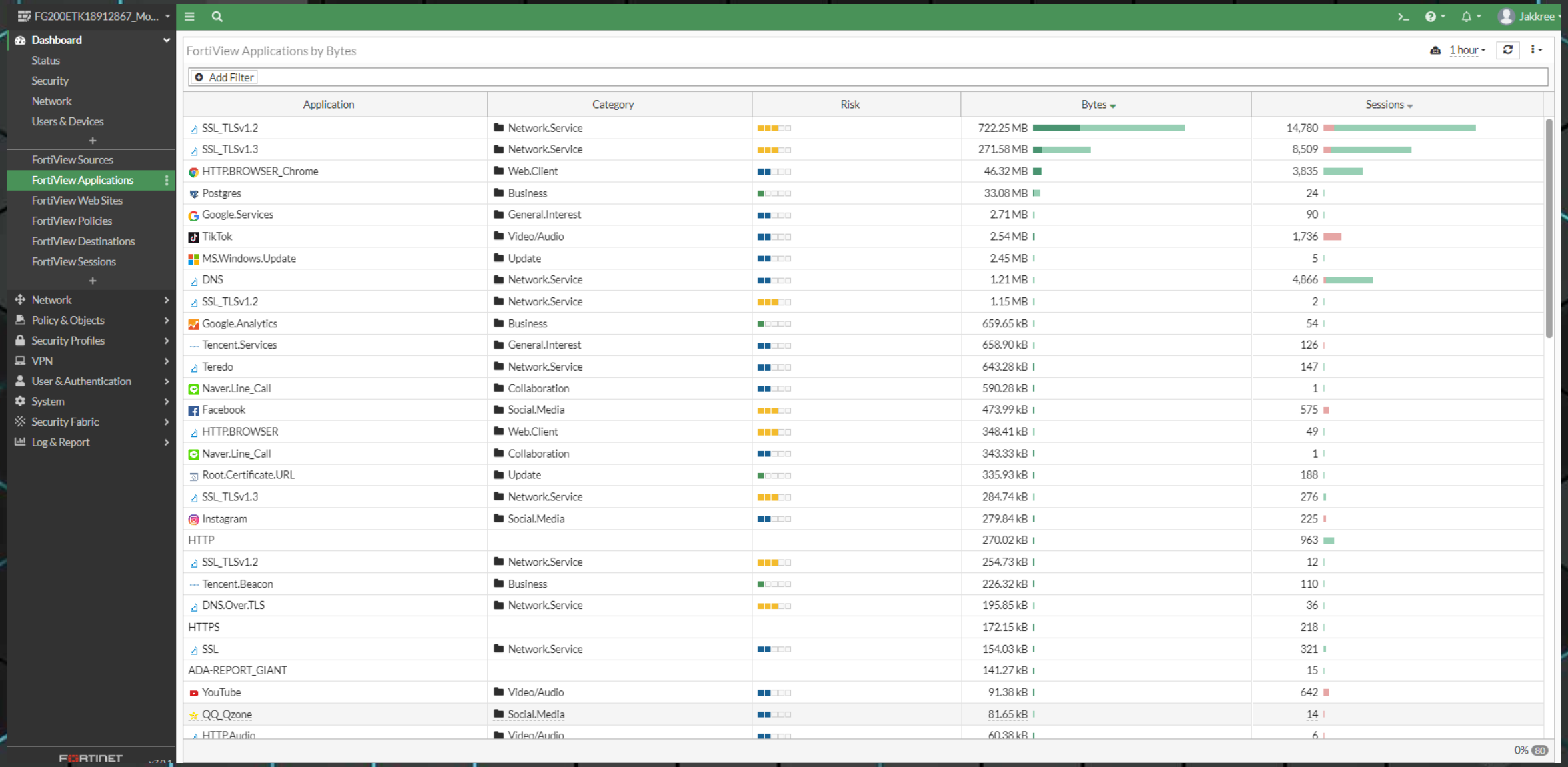


1.Dashboard
- Forti View Sources ทำหน้าที่แสดงการตรวจสอบ Traffic & Bandwidth เครื่องลูกข่าย



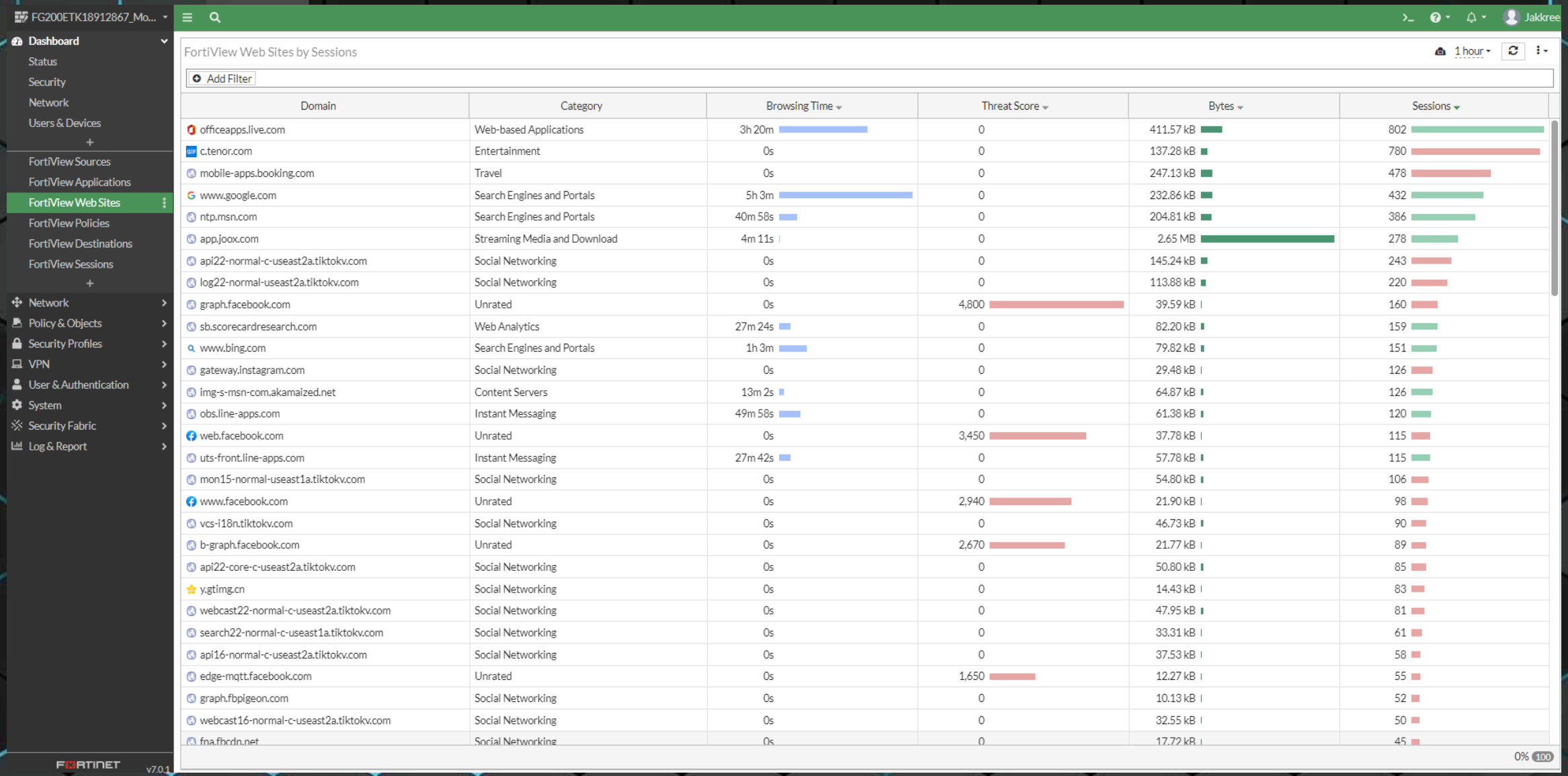
Source	Device	Threat Score	Bytes	Sessions
192.168.7.190	LAPTOP-AEW	13,155	2.22 GB	7,089
192.168.7.105	MOSHI-64	115	222.49 MB	1,160
192.168.7.104	MOSHI-68	65	185.58 MB	1,078
192.168.7.85	MOSHI-21	425	123.31 MB	2,790
192.168.7.86	MOSHI-07	330	115.05 MB	4,139
192.168.7.119	MOSHI-24	55	85.92 MB	218
192.168.7.194	MOSHI-100	155	79.79 MB	1,447
192.168.7.118	MOSHI-13	150	66.18 MB	3,376
192.168.7.172	MOSHI-89	35	63.48 MB	233

1.Dashboard
- Forti View Applications ทำหน้าที่แสดงการตรวจสอบ App & Bandwidth



Application	Category	Risk	Bytes	Sessions
SSL_TLSv1.2	Network.Service		722.25 MB	14,780
SSL_TLSv1.3	Network.Service		271.58 MB	8,509
HTTP.BROWSER_Chrome	Web.Client		46.32 MB	3,835
Postgres	Business		33.08 MB	24
Google.Services	General.Interest		2.71 MB	90
TikTok	Video/Audio		2.54 MB	1,736
MS.Windows.Update	Update		2.45 MB	5
DNS	Network.Service		1.21 MB	4,866
SSL_TLSv1.2	Network.Service		1.15 MB	2
Google.Analytics	Business		659.65 kB	54
Tencent.Services	General.Interest		658.90 kB	126
Teredo	Network.Service		643.28 kB	147
Naver.Line_Call	Collaboration		590.28 kB	1
Facebook	Social.Media		473.99 kB	575
HTTP.BROWSER	Web.Client		348.41 kB	49
Naver.Line_Call	Collaboration		343.33 kB	1
Root.Certificate.URL	Update		335.93 kB	188
SSL_TLSv1.3	Network.Service		284.74 kB	276
Instagram	Social.Media		279.84 kB	225
HTTP			270.02 kB	963
SSL_TLSv1.2	Network.Service		254.73 kB	12
Tencent.Beacon	Business		226.32 kB	110
DNS.Over.TLS	Network.Service		195.85 kB	36
HTTPS			172.15 kB	218
SSL	Network.Service		154.03 kB	321
ADA-REPORT_GIANT			141.27 kB	15
YouTube	Video/Audio		91.38 kB	642
QQ.Qzone	Social.Media		81.65 kB	14
HTTP.Audio	Video/Audio		60.38 kB	6

1.Dashboard
- Forti View Web Sites ทำหน้าที่แสดงการตรวจสอบ Web site & Bandwidth



Domain	Category	Browsing Time	Threat Score	Bytes	Sessions
officeapps.live.com	Web-based Applications	3h 20m	0	411.57 kB	802
c.tenor.com	Entertainment	0s	0	137.28 kB	780
mobile-apps.booking.com	Travel	0s	0	247.13 kB	478
www.google.com	Search Engines and Portals	5h 3m	0	232.86 kB	432
ntp.msn.com	Search Engines and Portals	40m 58s	0	204.81 kB	386
app.joox.com	Streaming Media and Download	4m 11s	0	2.65 MB	278
api22-normal-c-useast2a.tiktokv.com	Social Networking	0s	0	145.24 kB	243
log22-normal-useast2a.tiktokv.com	Social Networking	0s	0	113.88 kB	220
graph.facebook.com	Unrated	0s	4,800	39.59 kB	160
sb.scorecardresearch.com	Web Analytics	27m 24s	0	82.20 kB	159
www.bing.com	Search Engines and Portals	1h 3m	0	79.82 kB	151
gateway.instagram.com	Social Networking	0s	0	29.48 kB	126
img-s-msn-com.akamaized.net	Content Servers	13m 2s	0	64.87 kB	126
obs.line-apps.com	Instant Messaging	49m 58s	0	61.38 kB	120
web.facebook.com	Unrated	0s	3,450	37.78 kB	115
uts-front.line-apps.com	Instant Messaging	27m 42s	0	57.78 kB	115
mon15-normal-useast1a.tiktokv.com	Social Networking	0s	0	54.80 kB	106
www.facebook.com	Unrated	0s	2,940	21.90 kB	98
vcs-i18n.tiktokv.com	Social Networking	0s	0	46.73 kB	90
b-graph.facebook.com	Unrated	0s	2,670	21.77 kB	89
api22-core-c-useast2a.tiktokv.com	Social Networking	0s	0	50.80 kB	85
y.gtimg.cn	Social Networking	0s	0	14.43 kB	83
webcast22-normal-c-useast2a.tiktokv.com	Social Networking	0s	0	47.95 kB	81
search22-normal-c-useast1a.tiktokv.com	Social Networking	0s	0	33.31 kB	61
api16-normal-c-useast2a.tiktokv.com	Social Networking	0s	0	37.53 kB	58
edge-mqtt.facebook.com	Unrated	0s	1,650	12.27 kB	55
graph.fbpigeon.com	Social Networking	0s	0	10.13 kB	52
webcast16-normal-c-useast2a.tiktokv.com	Social Networking	0s	0	32.55 kB	50
fna.fbcdn.net	Social Networking	0s	0	17.72 kB	45

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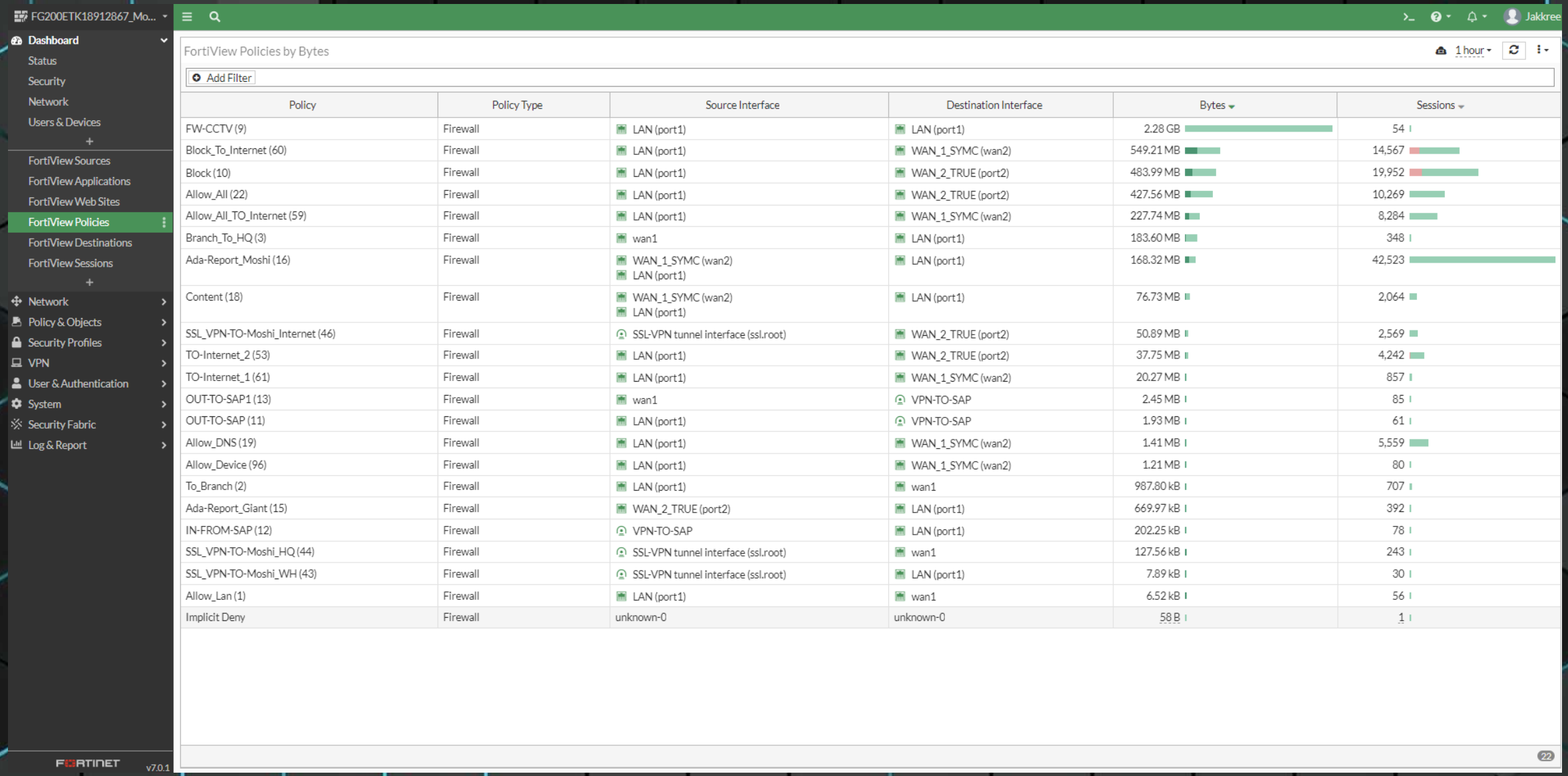
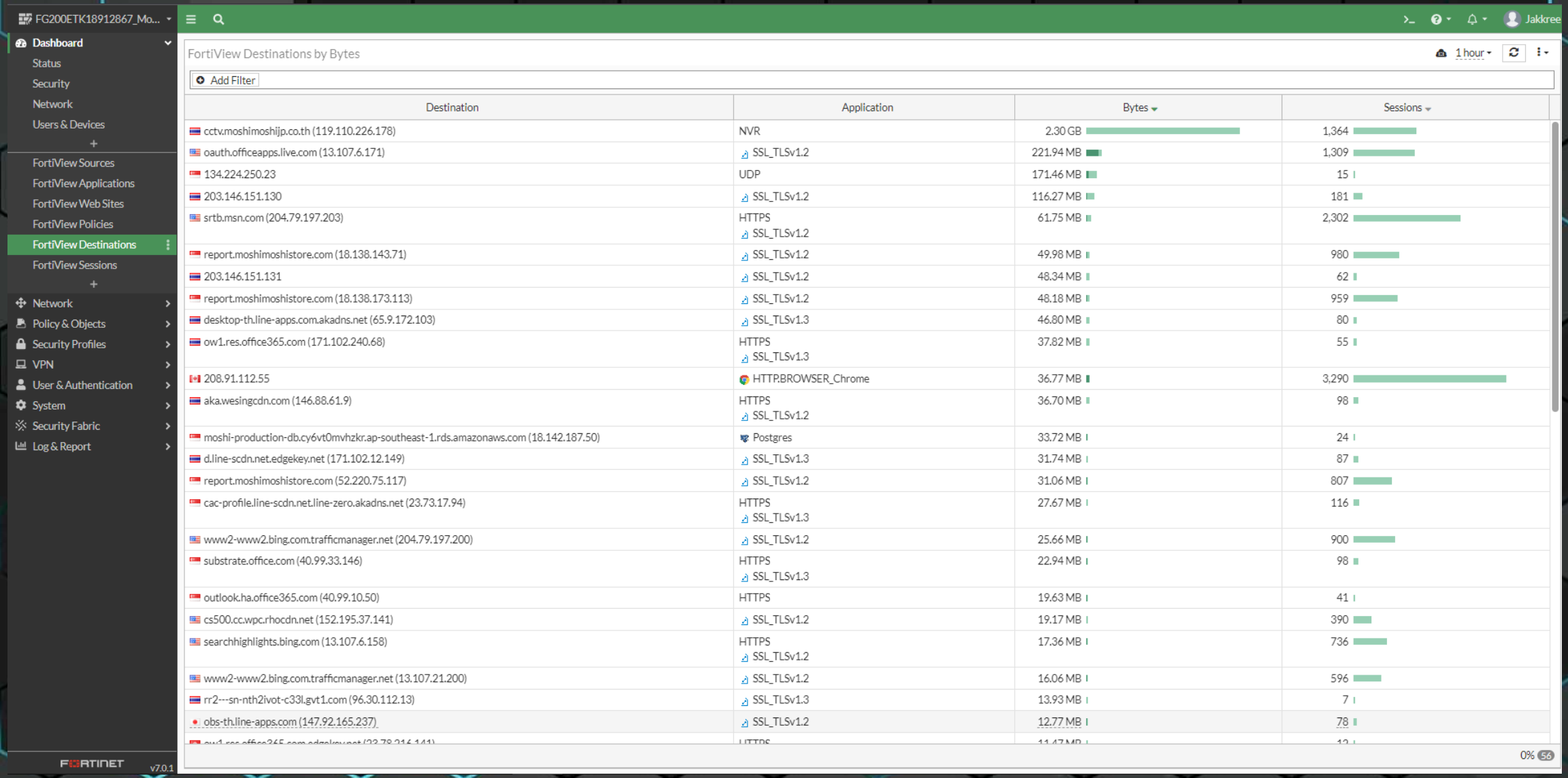
1.Dashboard
- Forti View Policies ทำหน้าที่แสดงการตรวจสอบ Bandwidth Policies



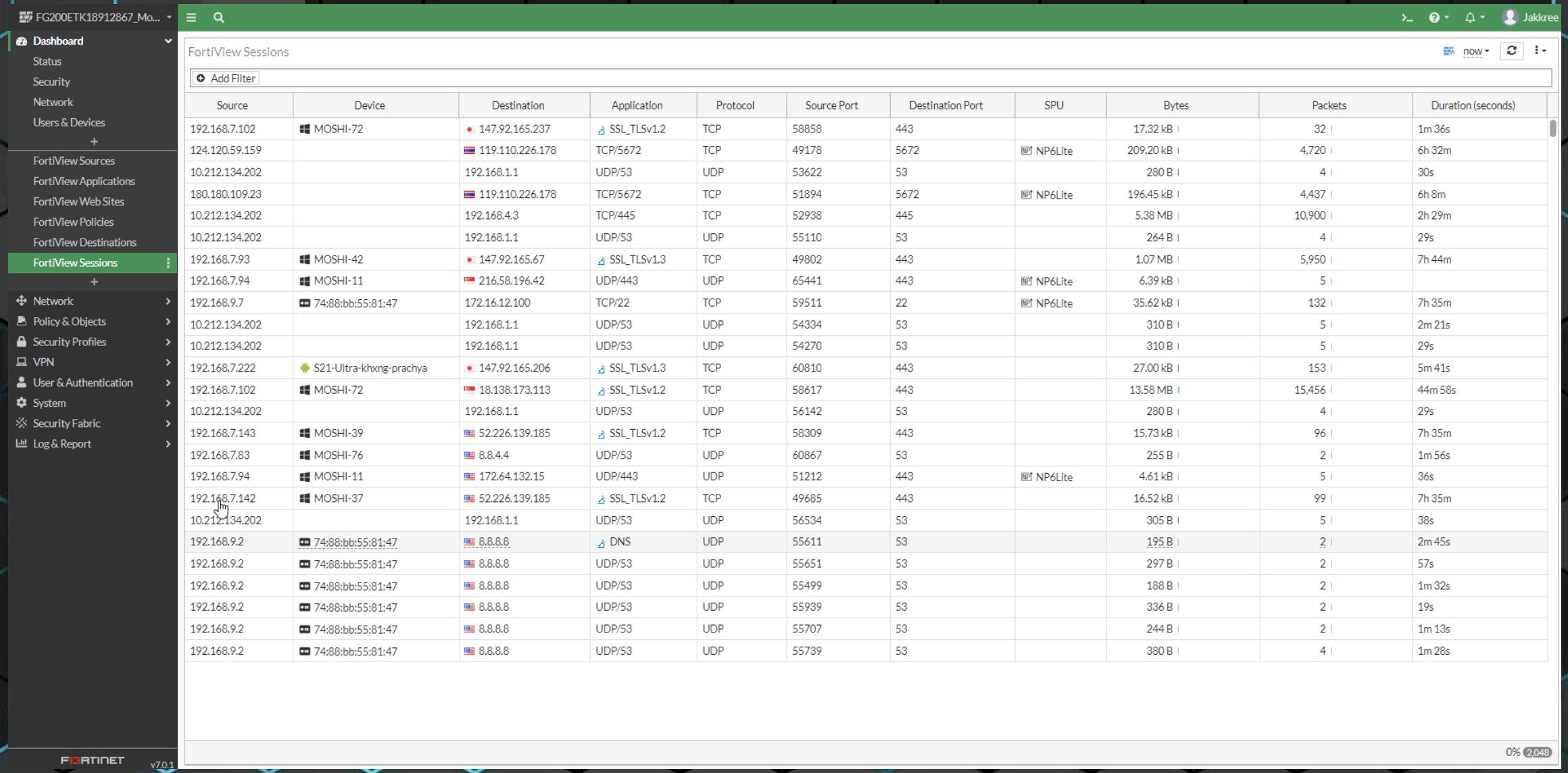
Policy	Policy Type	Source Interface	Destination Interface	Bytes	Sessions
FW-CCTV (9)	Firewall	LAN (port1)	LAN (port1)	2.28 GB	54
Block_To_Internet (60)	Firewall	LAN (port1)	WAN_1_SYMC (wan2)	549.21 MB	14,567
Block (10)	Firewall	LAN (port1)	WAN_2_TRUE (port2)	483.99 MB	19,952
Allow_All (22)	Firewall	LAN (port1)	WAN_2_TRUE (port2)	427.56 MB	10,269
Allow_All_TO_Internet (59)	Firewall	LAN (port1)	WAN_1_SYMC (wan2)	227.74 MB	8,284
Branch_To_HQ (3)	Firewall	wan1	LAN (port1)	183.60 MB	348
Ada-Report_Moshi (16)	Firewall	WAN_1_SYMC (wan2) LAN (port1)	LAN (port1)	168.32 MB	42,523
Content (18)	Firewall	WAN_1_SYMC (wan2) LAN (port1)	LAN (port1)	76.73 MB	2,064
SSL_VPN-TO-Moshi_Internet (46)	Firewall	SSL-VPN tunnel interface (ssl.root)	WAN_2_TRUE (port2)	50.89 MB	2,569
TO-Internet_2 (53)	Firewall	LAN (port1)	WAN_2_TRUE (port2)	37.75 MB	4,242
TO-Internet_1 (61)	Firewall	LAN (port1)	WAN_1_SYMC (wan2)	20.27 MB	857
OUT-TO-SAP1 (13)	Firewall	wan1	VPN-TO-SAP	2.45 MB	85
OUT-TO-SAP (11)	Firewall	LAN (port1)	VPN-TO-SAP	1.93 MB	61
Allow_DNS (19)	Firewall	LAN (port1)	WAN_1_SYMC (wan2)	1.41 MB	5,559
Allow_Device (96)	Firewall	LAN (port1)	WAN_1_SYMC (wan2)	1.21 MB	80
To_Branch (2)	Firewall	LAN (port1)	wan1	987.80 kB	707
Ada-Report_Giant (15)	Firewall	WAN_2_TRUE (port2)	LAN (port1)	669.97 kB	392
IN-FROM-SAP (12)	Firewall	VPN-TO-SAP	LAN (port1)	202.25 kB	78
SSL_VPN-TO-Moshi_HQ (44)	Firewall	SSL-VPN tunnel interface (ssl.root)	wan1	127.56 kB	243
SSL_VPN-TO-Moshi_WH (43)	Firewall	SSL-VPN tunnel interface (ssl.root)	LAN (port1)	7.89 kB	30
Allow_Lan (1)	Firewall	LAN (port1)	wan1	6.52 kB	56
Implicit Deny	Firewall	unknown-0	unknown-0	58 B	1

1.Dashboard
- Forti View Destinations ทำหน้าที่แสดงการตรวจสอบ Destinations & Bandwidth



Destination	Application	Bytes	Sessions
cctv.moshimoshijp.co.th (119.110.226.178)	NVR	2.30 GB	1,364
oauth.officeapps.live.com (13.107.6.171)	SSL_TLSv1.2	221.94 MB	1,309
134.224.250.23	UDP	171.46 MB	15
203.146.151.130	SSL_TLSv1.2	116.27 MB	181
srtb.msn.com (204.79.197.203)	HTTPS SSL_TLSv1.2	61.75 MB	2,302
report.moshimoshistore.com (18.138.143.71)	SSL_TLSv1.2	49.98 MB	980
203.146.151.131	SSL_TLSv1.2	48.34 MB	62
report.moshimoshistore.com (18.138.173.113)	SSL_TLSv1.2	48.18 MB	959
desktop-th.line-apps.com.akadns.net (65.9.172.103)	SSL_TLSv1.3	46.80 MB	80
ow1.res.office365.com (171.102.240.68)	HTTPS SSL_TLSv1.3	37.82 MB	55
208.91.112.55	HTTP.BROWSER_Chrome	36.77 MB	3,290
aka.wesingcdn.com (146.88.61.9)	HTTPS SSL_TLSv1.2	36.70 MB	98
moshi-production-db.cy6vt0mvhzkr.ap-southeast-1.rds.amazonaws.com (18.142.187.50)	Postgres	33.72 MB	24
d.line-scdn.net.edgekey.net (171.102.12.149)	SSL_TLSv1.3	31.74 MB	87
report.moshimoshistore.com (52.220.75.117)	SSL_TLSv1.2	31.06 MB	807
cac-profile.line-scdn.net.line-zero.akadns.net (23.73.17.94)	HTTPS SSL_TLSv1.3	27.67 MB	116
www2-www2.bing.com.trafficmanager.net (204.79.197.200)	SSL_TLSv1.2	25.66 MB	900
substrate.office.com (40.99.33.146)	HTTPS SSL_TLSv1.3	22.94 MB	98
outlook.ha.office365.com (40.99.10.50)	HTTPS	19.63 MB	41
cs500.cc.wpc.rhocdn.net (152.195.37.141)	SSL_TLSv1.2	19.17 MB	390
searchhighlights.bing.com (13.107.6.158)	HTTPS SSL_TLSv1.2	17.36 MB	736
www2-www2.bing.com.trafficmanager.net (13.107.21.200)	SSL_TLSv1.2	16.06 MB	596
rr2---sn-nth2ivot-c33l.gvt1.com (96.30.112.13)	SSL_TLSv1.3	13.93 MB	7
obs-th.line-apps.com (147.92.165.237)	SSL_TLSv1.2	12.77 MB	78

1.Dashboard
- Forti View Sessions ทำหน้าที่แสดงการตรวจสอบ Traffic & Protocal เครื่องลูกข่าย



Source	Device	Destination	Application	Protocol	Source Port	Destination Port	SPU	Bytes	Packets	Duration (seconds)
192.168.7.102	MOSHI-72	147.92.165.237	SSL_TLSv1.2	TCP	58858	443		17.32 kB	32	1m 36s
124.120.59.159		119.110.226.178	TCP/5672	TCP	49178	5672	NP6Lite	209.20 kB	4,720	6h 32m
10.212.134.202		192.168.1.1	UDP/53	UDP	53622	53		280 B	4	30s
180.180.109.23		119.110.226.178	TCP/5672	TCP	51894	5672	NP6Lite	196.45 kB	4,437	6h 8m
10.212.134.202		192.168.4.3	TCP/445	TCP	52938	445		5.38 MB	10,900	2h 29m
10.212.134.202		192.168.1.1	UDP/53	UDP	55110	53		264 B	4	29s
192.168.7.93	MOSHI-42	147.92.165.67	SSL_TLSv1.3	TCP	49802	443		1.07 MB	5,950	7h 44m
192.168.7.94	MOSHI-11	216.58.196.42	UDP/443	UDP	65441	443	NP6Lite	6.39 kB	5	
192.168.9.7	74:88:bb:55:81:47	172.16.12.100	TCP/22	TCP	59511	22	NP6Lite	35.62 kB	132	7h 35m
10.212.134.202		192.168.1.1	UDP/53	UDP	54334	53		310 B	5	2m 21s
10.212.134.202		192.168.1.1	UDP/53	UDP	54270	53		310 B	5	29s
192.168.7.222	S21-Ultra-khxng-prachya	147.92.165.206	SSL_TLSv1.3	TCP	60810	443		27.00 kB	153	5m 41s
192.168.7.102	MOSHI-72	18.138.173.113	SSL_TLSv1.2	TCP	58617	443		13.58 MB	15,456	44m 58s
10.212.134.202		192.168.1.1	UDP/53	UDP	56142	53		280 B	4	29s
192.168.7.143	MOSHI-39	52.226.139.185	SSL_TLSv1.2	TCP	58309	443		15.73 kB	96	7h 35m
192.168.7.83	MOSHI-76	8.8.4.4	UDP/53	UDP	60867	53		255 B	2	1m 56s
192.168.7.94	MOSHI-11	172.64.132.15	UDP/443	UDP	51212	443	NP6Lite	4.61 kB	5	36s
192.168.7.142	MOSHI-37	52.226.139.185	SSL_TLSv1.2	TCP	49685	443		16.52 kB	99	7h 35m
10.212.134.202		192.168.1.1	UDP/53	UDP	56534	53		305 B	5	38s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	DNS	UDP	55611	53		195 B	2	2m 45s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	UDP/53	UDP	55651	53		297 B	2	57s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	UDP/53	UDP	55499	53		188 B	2	1m 32s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	UDP/53	UDP	55939	53		336 B	2	19s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	UDP/53	UDP	55707	53		244 B	2	1m 13s
192.168.9.2	74:88:bb:55:81:47	8.8.8.8	UDP/53	UDP	55739	53		380 B	4	1m 28s

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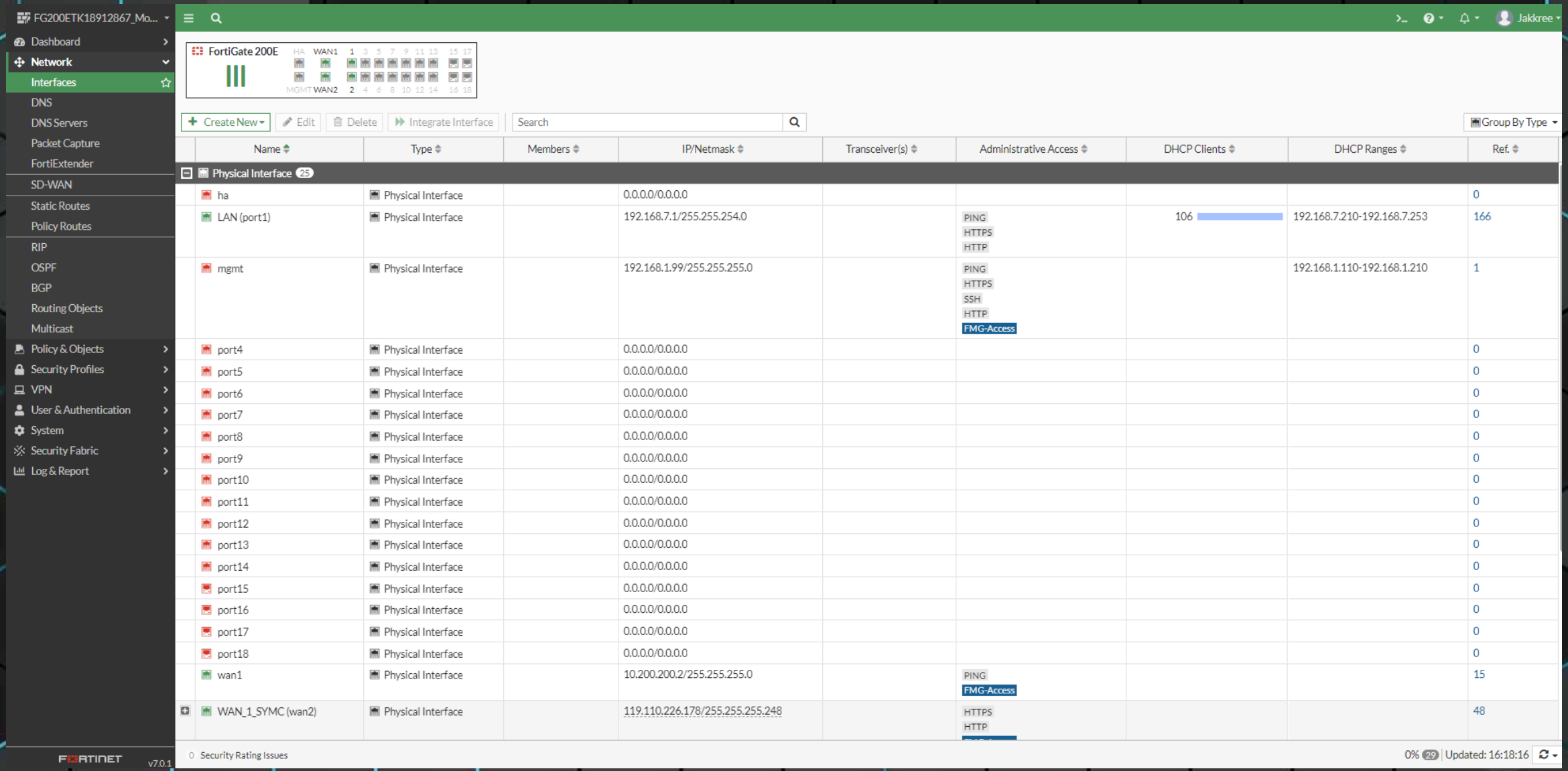
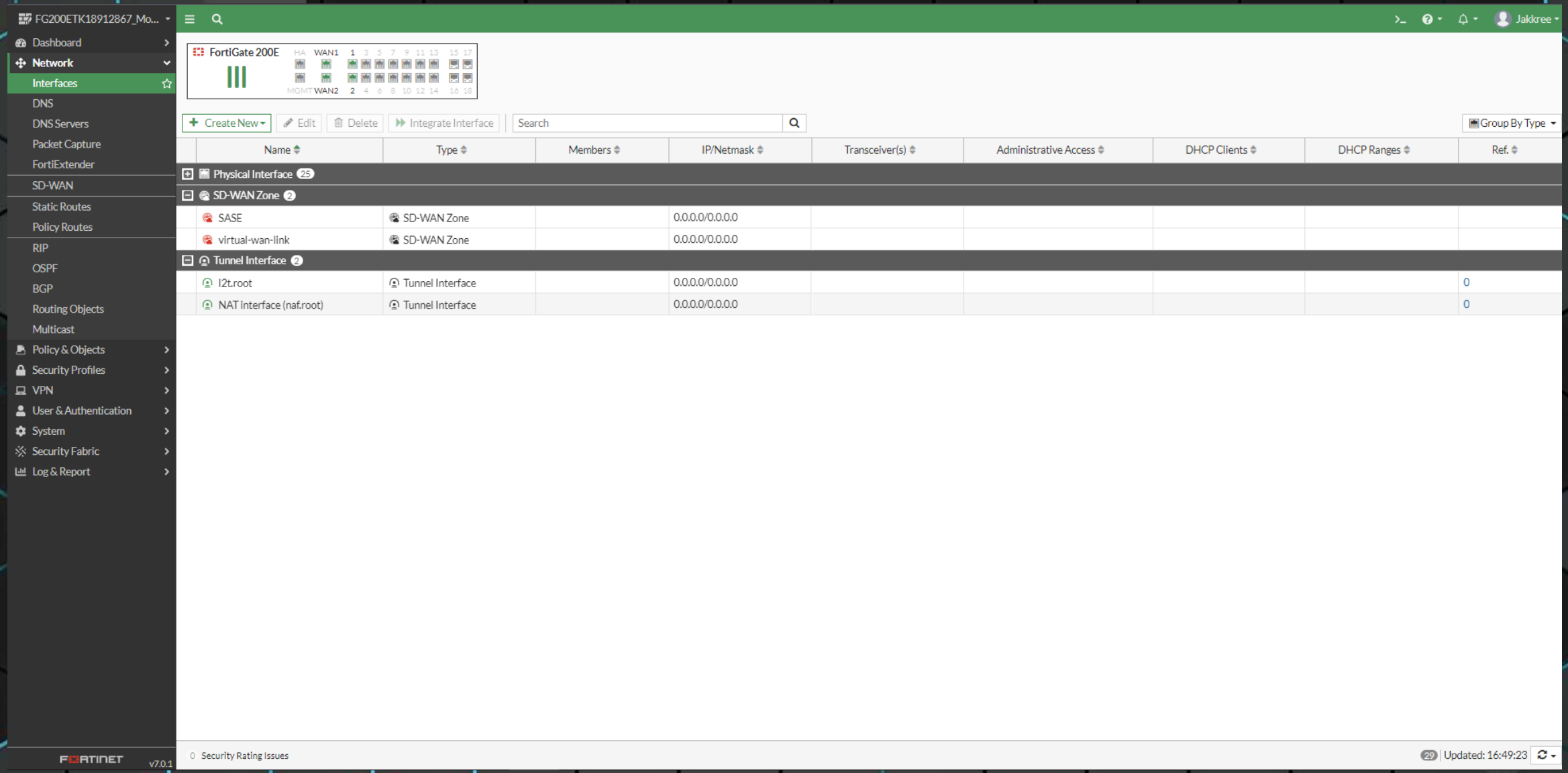
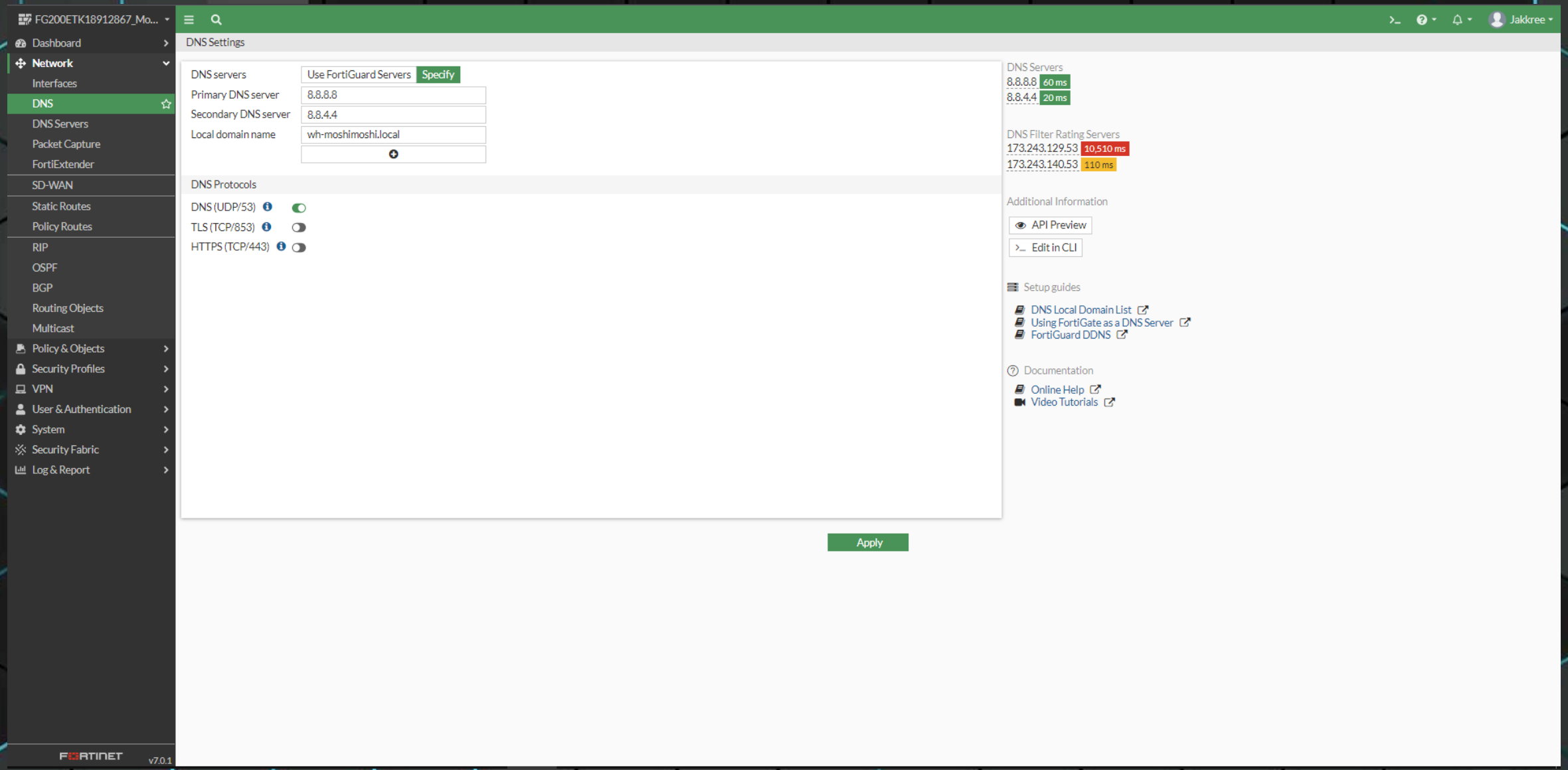
2.Network
- Interfaces ทำหน้าที่เป็นช่องทางการเชื่อมต่อ Network



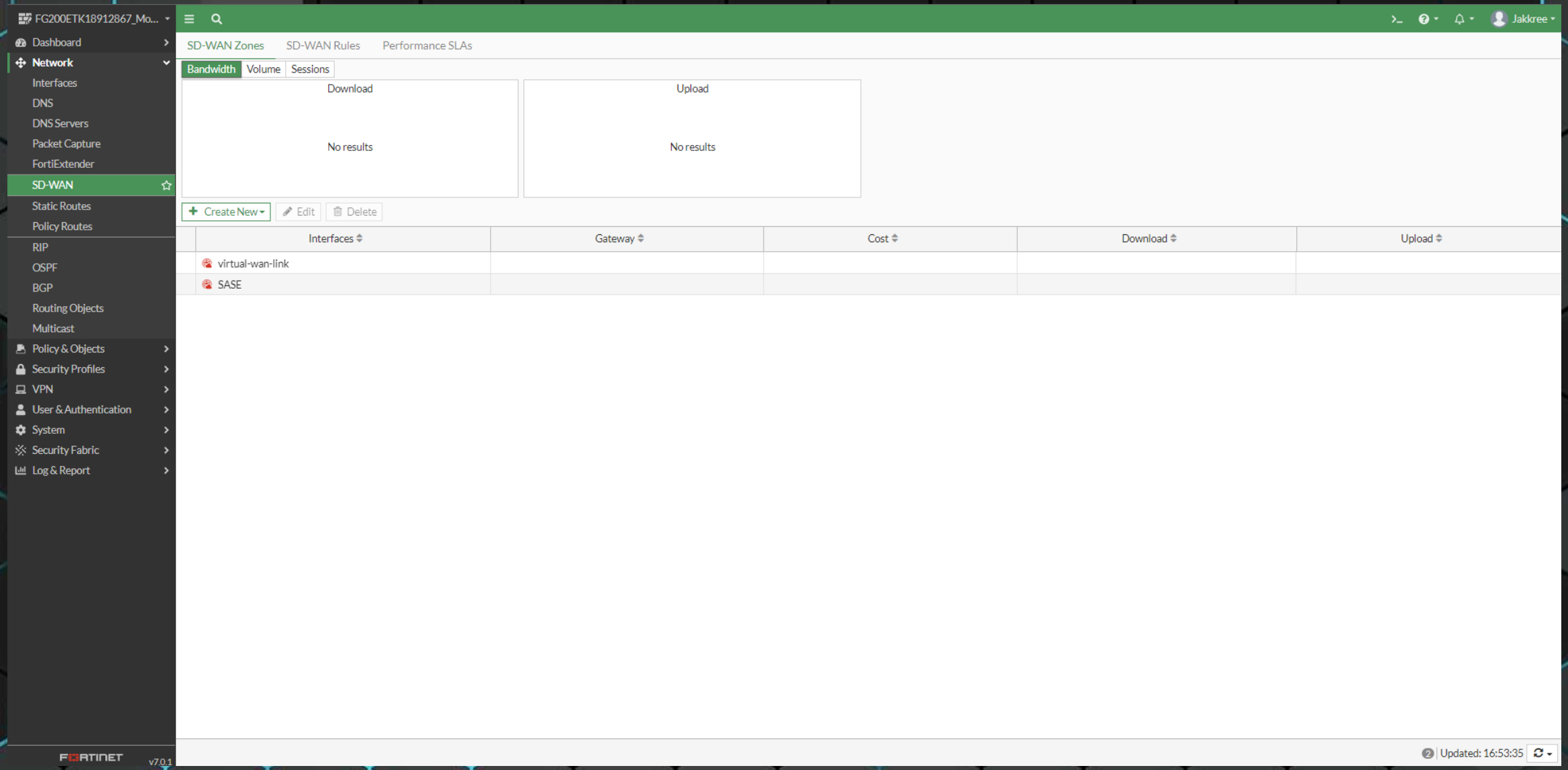
2.Network -Interfaces



2.Network
-DNS ทำหน้าที่เชื่อมเครือข่าย Network

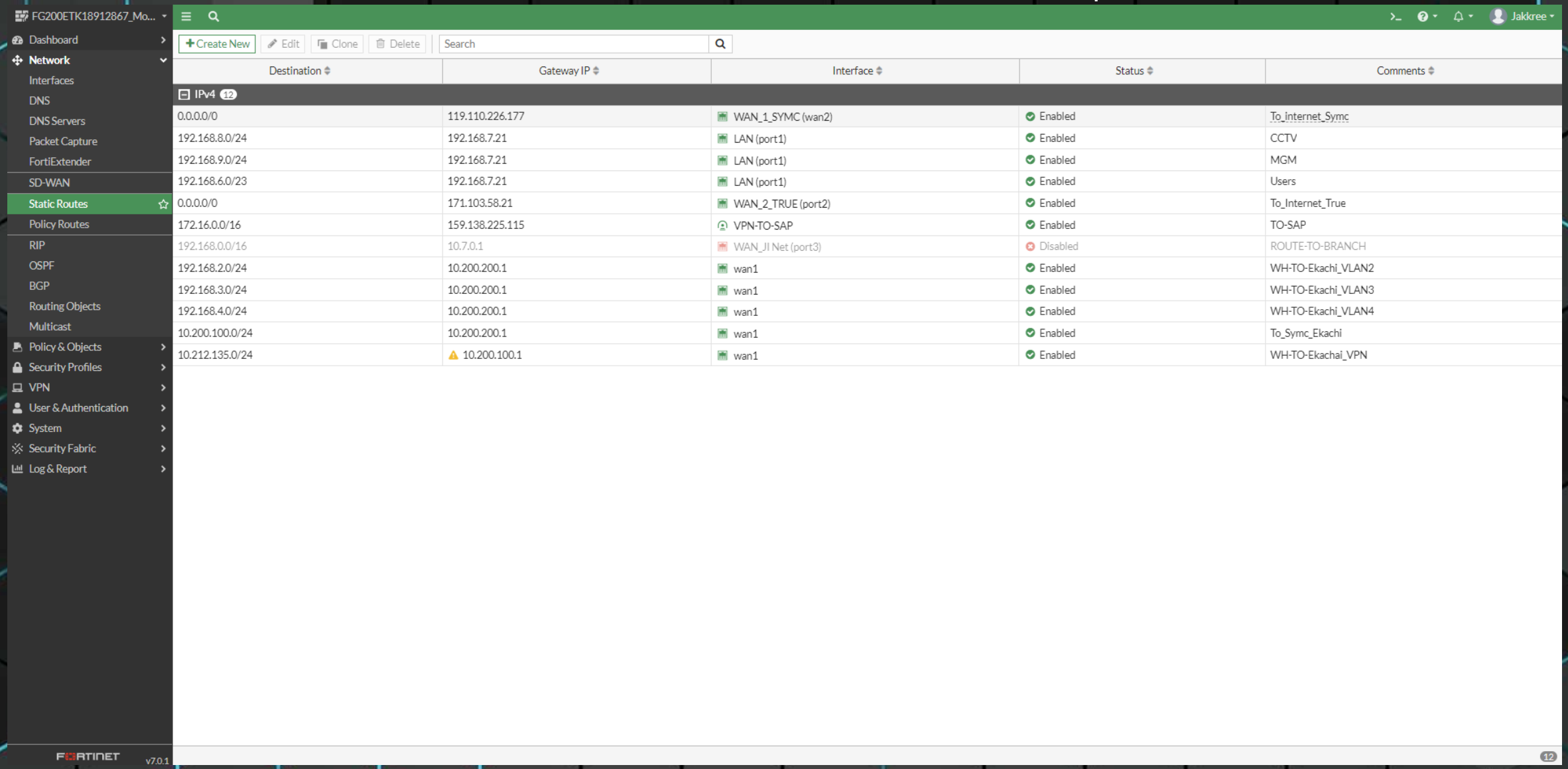


2.Network
-SD-WAN ทำหน้าที่ Failover wan



2.Network

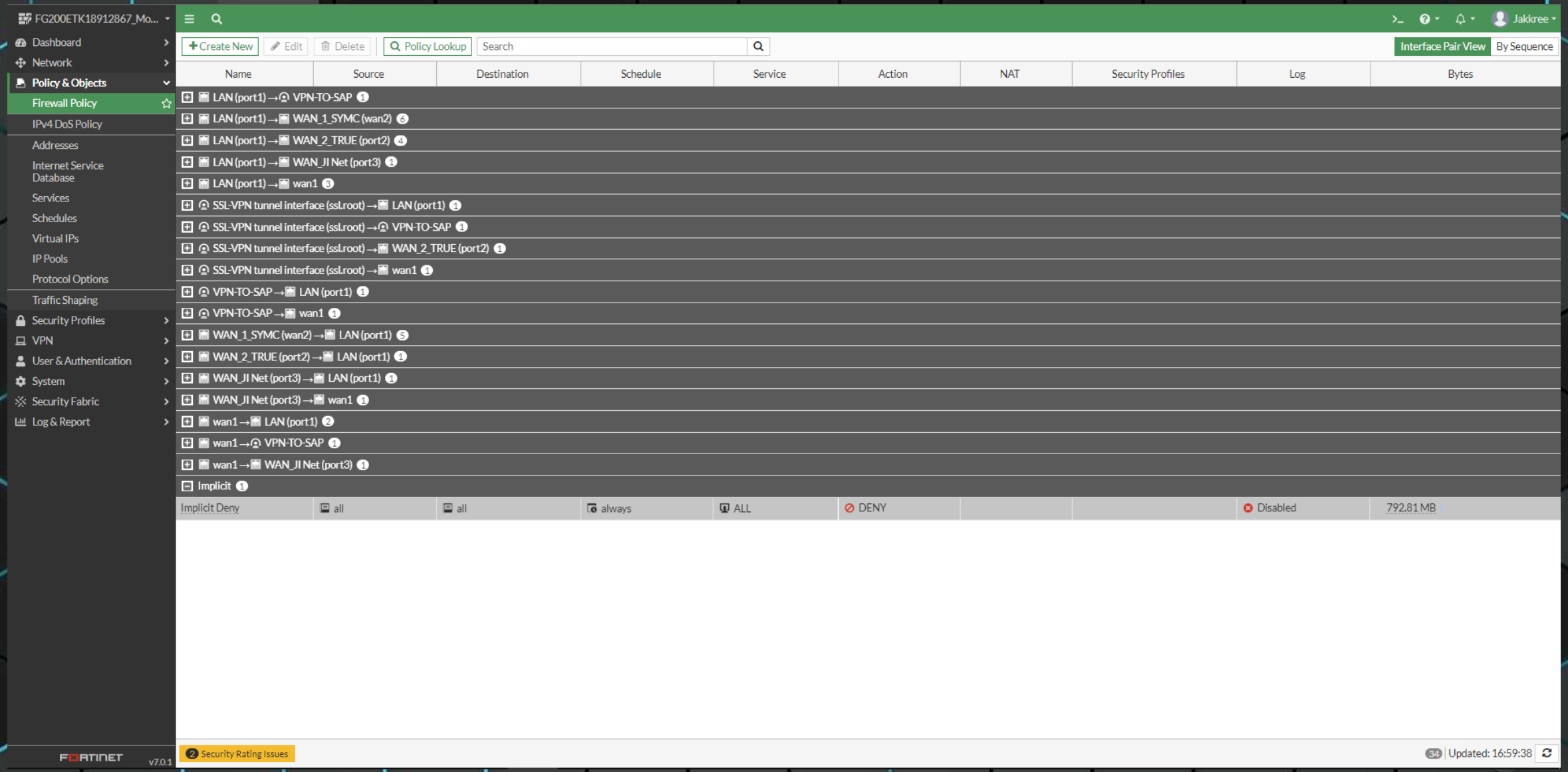
-Static Routes ทำหน้าที่ กำหนดให้ทราบช่องทางการเชื่อม Network ไปจุดใดๆหรือช่องทางไหน



Destination	Gateway IP	Interface	Status	Comments
0.0.0.0/0	119.110.226.177	WAN_1_SYMC (wan2)	Enabled	To_internet_Symc
192.168.8.0/24	192.168.7.21	LAN (port1)	Enabled	CCTV
192.168.9.0/24	192.168.7.21	LAN (port1)	Enabled	MGM
192.168.6.0/23	192.168.7.21	LAN (port1)	Enabled	Users
0.0.0.0/0	171.103.58.21	WAN_2_TRUE (port2)	Enabled	To_Internet_True
172.16.0.0/16	159.138.225.115	VPN-TO-SAP	Enabled	TO-SAP
192.168.0.0/16	10.7.0.1	WAN_JI Net (port3)	Disabled	ROUTE-TO-BRANCH
192.168.2.0/24	10.200.200.1	wan1	Enabled	WH-TO-Ekachi_VLAN2
192.168.3.0/24	10.200.200.1	wan1	Enabled	WH-TO-Ekachi_VLAN3
192.168.4.0/24	10.200.200.1	wan1	Enabled	WH-TO-Ekachi_VLAN4
10.200.100.0/24	10.200.200.1	wan1	Enabled	To_Symc_Ekachi
10.212.135.0/24	10.200.100.1	wan1	Enabled	WH-TO-Ekachai_VPN

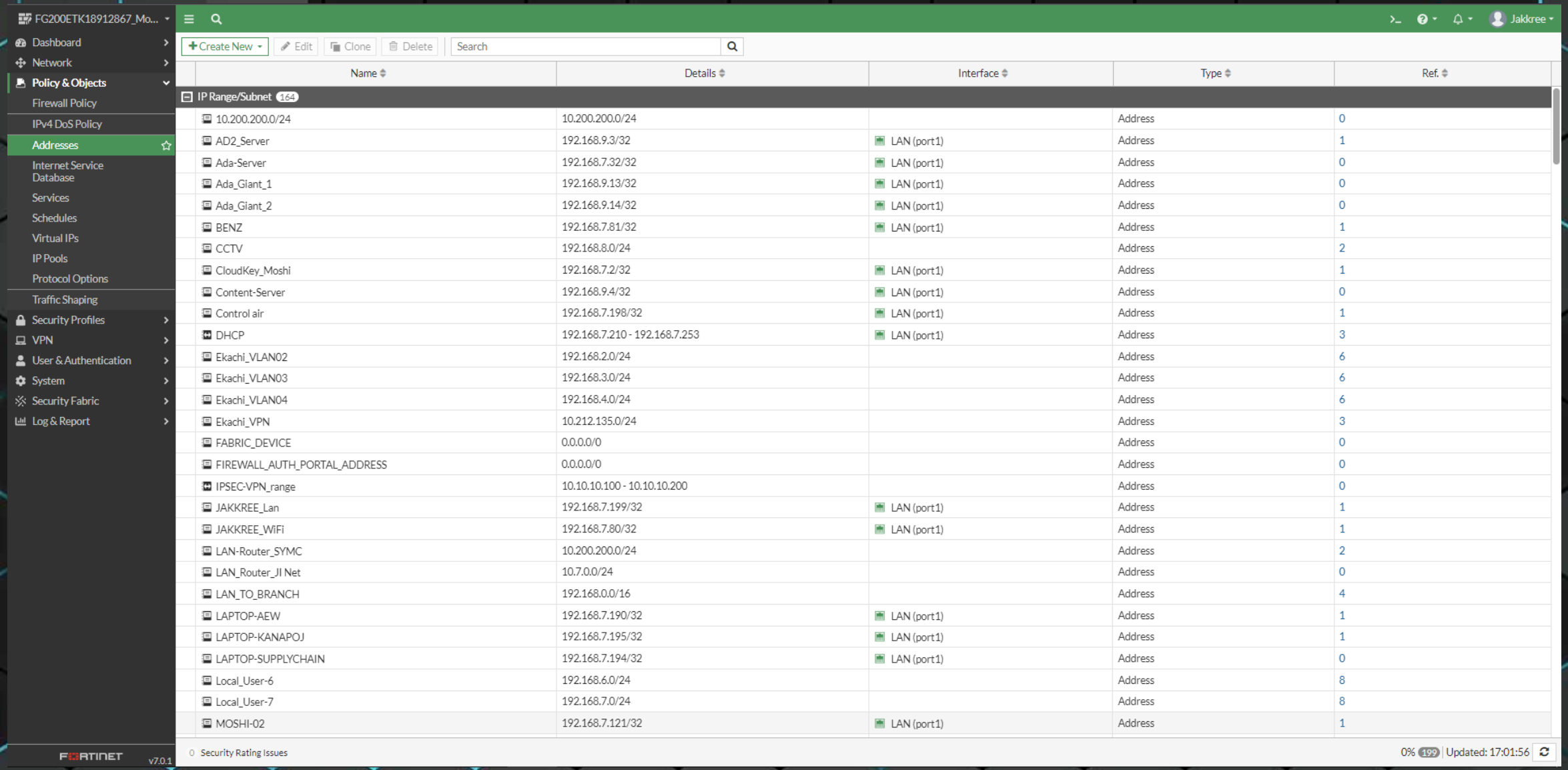
3.Policy & Objects

-Firewall Policy ทำหน้าที่กำหนดค่าสำหรับ Network ที่ผ่านเข้าออก โดยอ้างอิงข้อกำหนดและเงื่อนไข



3.Policy & Objects

-Addresses ทำหน้าที่สร้างหรือกำหนด IP Address ให้เครื่อง Host ใน Network



3.Policy & Objects
-Services ทำหน้าที่สร้างหรือกำหนด Protocol

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

Jakkree

Create New | Edit | Clone | Delete | Category Settings | Search

Service Name	Details	IP/FQDN	Show in Service List	Ref.
General 5				
ALL	ANY		Visible	12
ALL_TCP	TCP/1-65535	0.0.0.0	Visible	15
ALL_UDP	UDP/1-65535	0.0.0.0	Visible	11
ALL_ICMP	ANY		Visible	14
ALL_ICMP6	ANY		Visible	0
Web Access 15				
HTTP	TCP/80	0.0.0.0	Visible	15
HTTPS	TCP/443	0.0.0.0	Visible	16
Ada-Report_Moshi	TCP/81	0.0.0.0	Visible	3
Ada-Rabbit_1	TCP/15672	0.0.0.0	Visible	4
Ada-Rabbit_2	TCP/5672	0.0.0.0	Visible	4
Ada-Rabbit_3	TCP/15674	0.0.0.0	Visible	4
Ada-Report_Giant	TCP/8080	0.0.0.0	Visible	2
Nas_WH	TCP/8082	0.0.0.0	Visible	1
API-ADAI01	TCP/8092	0.0.0.0	Visible	2
API-ADAI02	TCP/8093	0.0.0.0	Visible	2
API-ADAI03	TCP/8094	0.0.0.0	Visible	2
API-ADAI04	TCP/8095	0.0.0.0	Visible	2
API-ADAI05	TCP/8096	0.0.0.0	Visible	2
API-GIANT01	TCP/8097	0.0.0.0	Visible	2
ITservicesystem	TCP/8098	0.0.0.0	Visible	2
File Access 8				
SAMBA	TCP/139	0.0.0.0	Visible	1
SMB	TCP/445	0.0.0.0	Visible	1
FTP	TCP/21	0.0.0.0	Visible	0
FTP_GET	TCP/21	0.0.0.0	Visible	0
FTP_PUT	TCP/21	0.0.0.0	Visible	0
NFS	TCP/111 TCP/2049 UDP/111 UDP/2049	0.0.0.0	Visible	0
TFTP	UDP/69	0.0.0.0	Visible	0

FORTINET v7.0.1

0 Security Rating Issues

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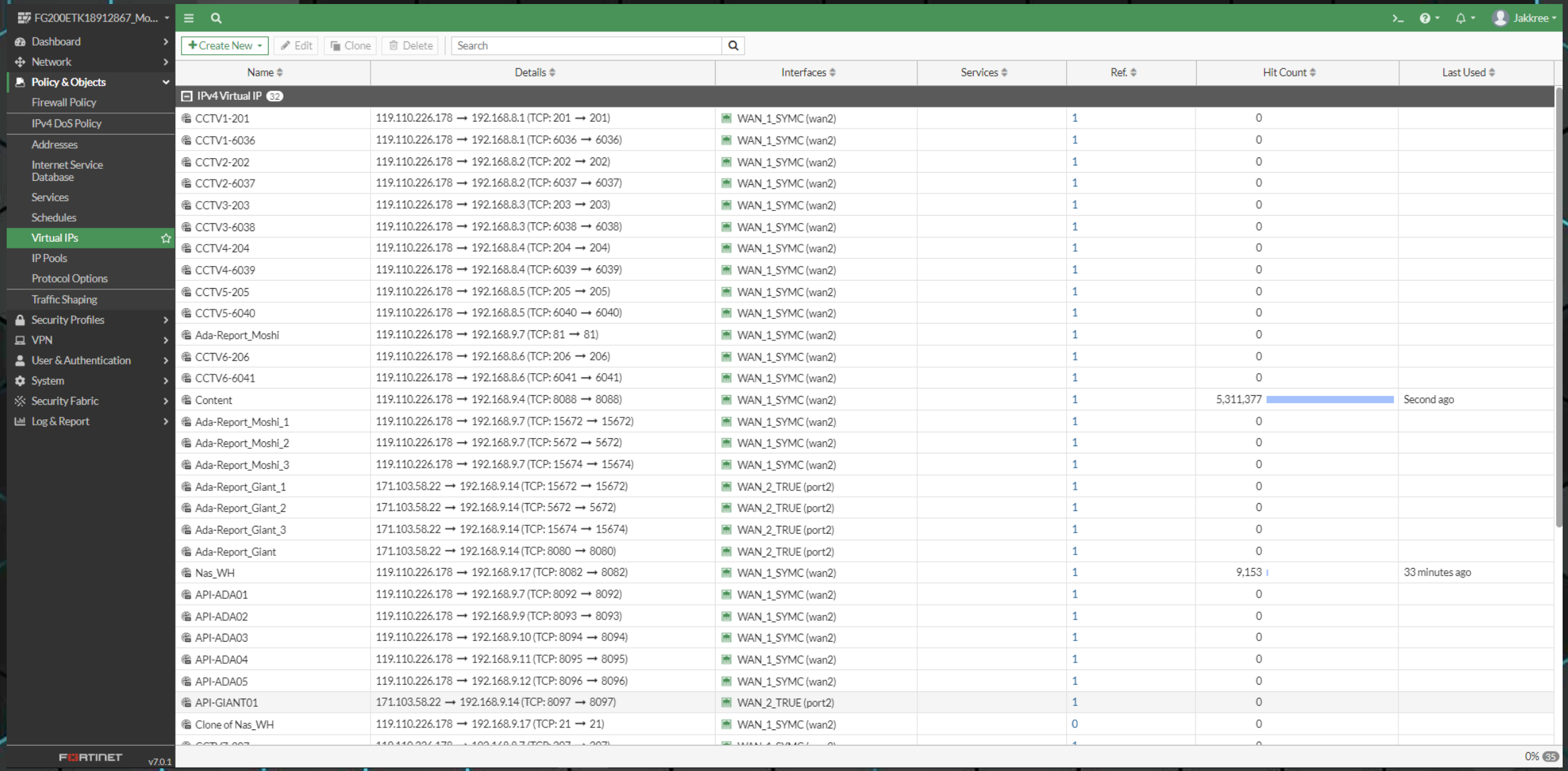
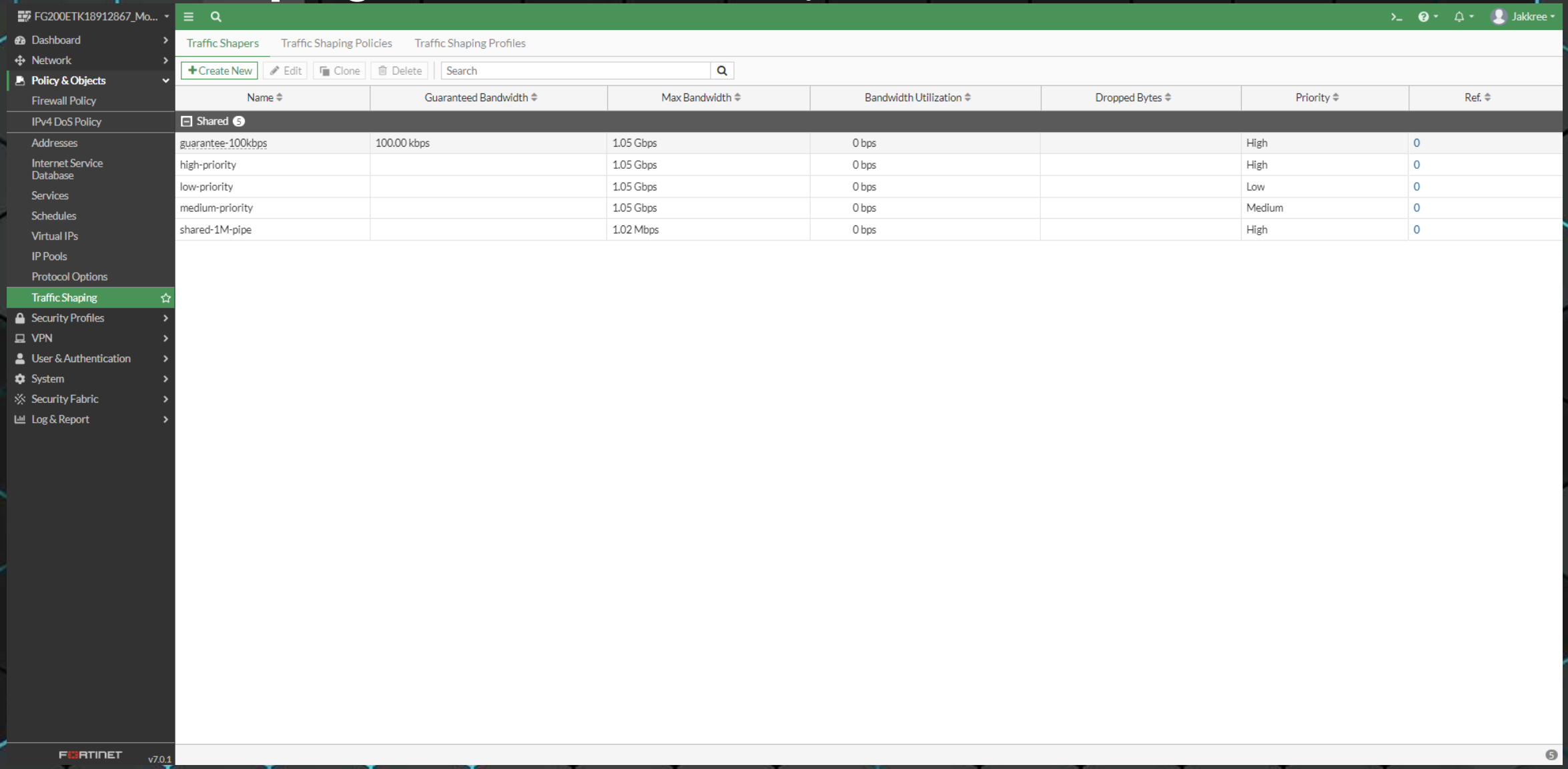
3.Policy & Objects
-Virtual Ips ทำหน้าที่ Forward port

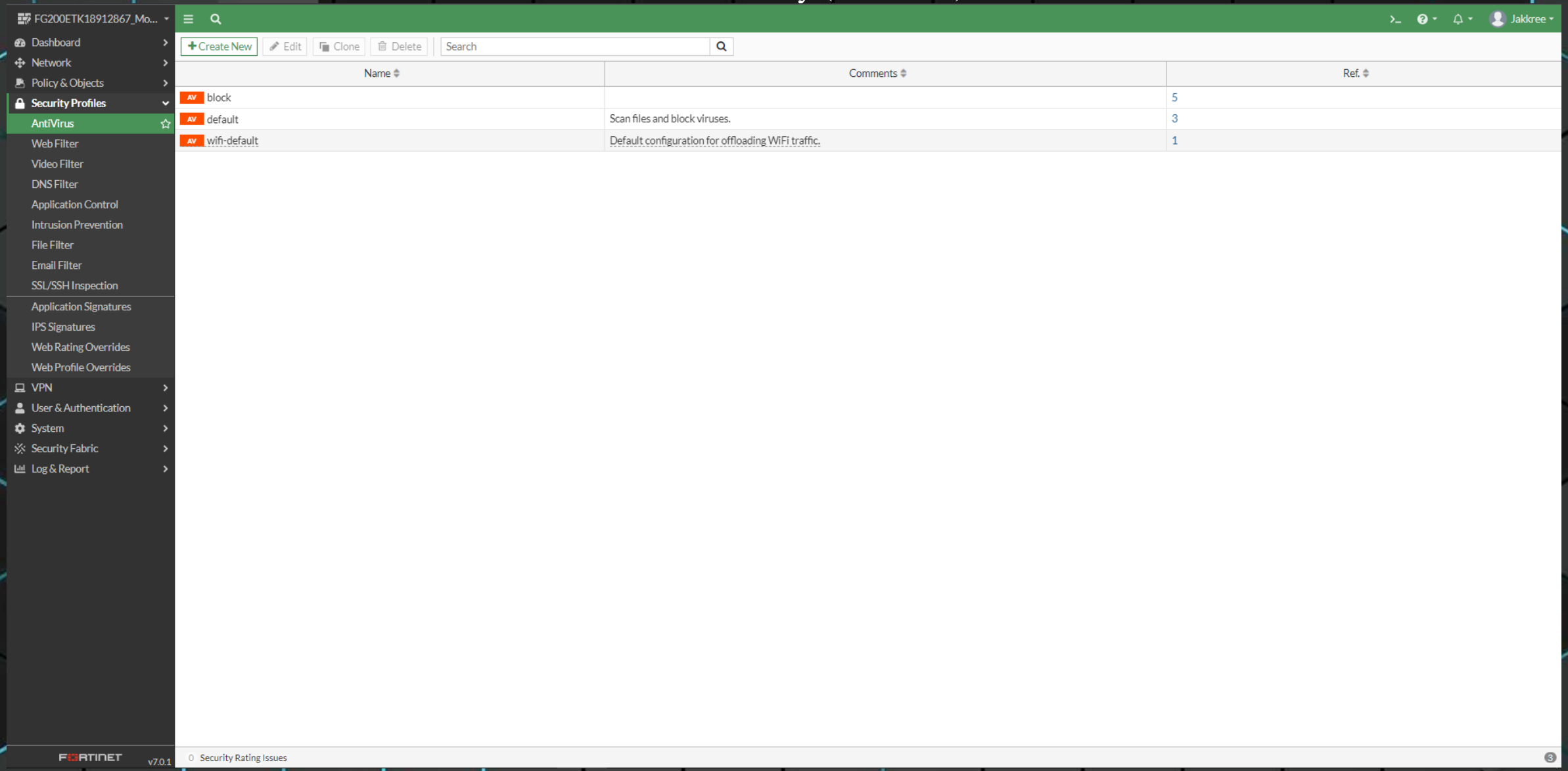


3.Policy & Objects
-Traffic Shaping ทำหน้าที่ ควบคุมการรับ-ส่งข้อมูลในเครือข่าย



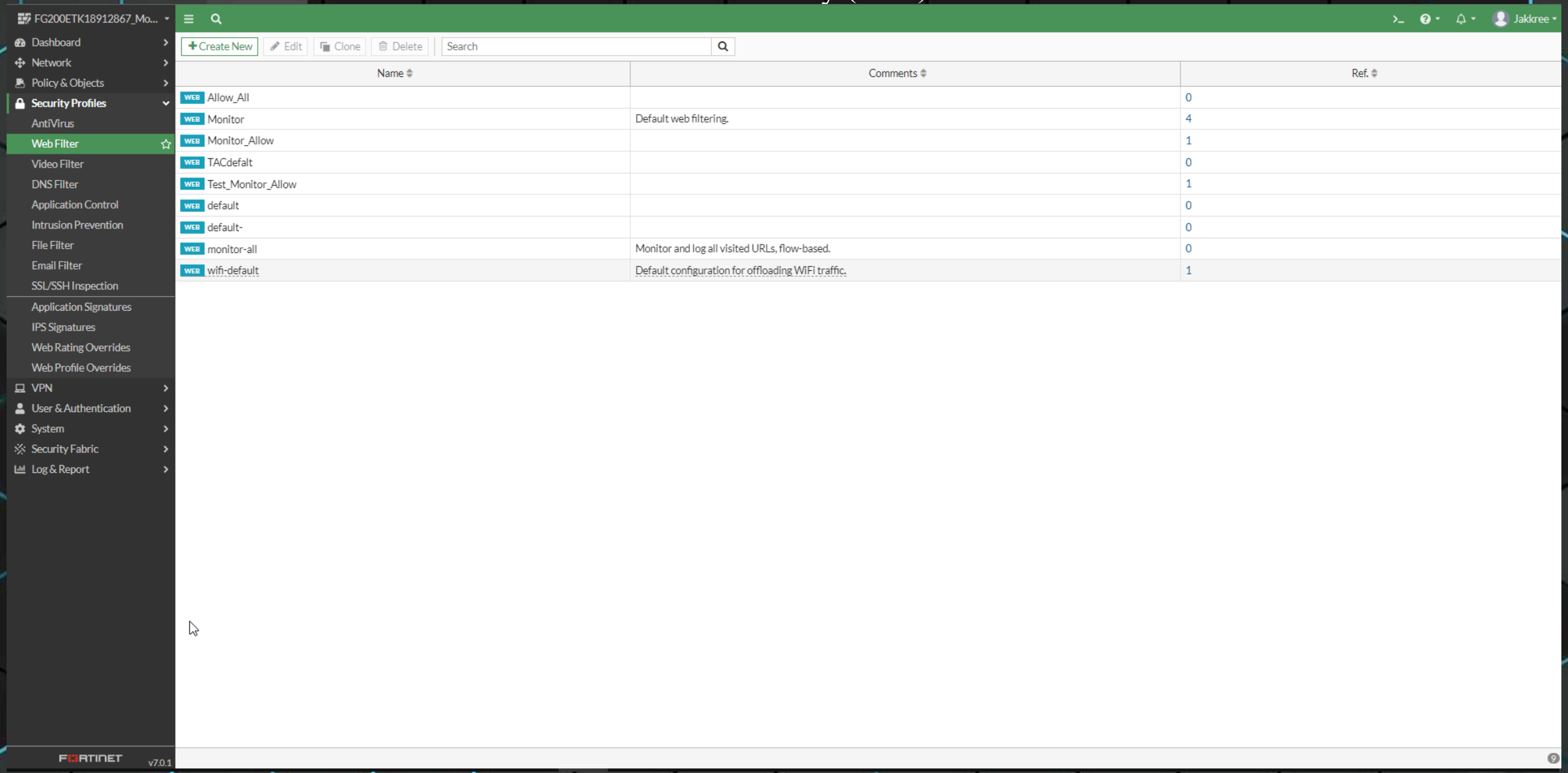
4.Security Profiles

-Antivirus ทำหน้าที่สร้างเงื่อนไขการป้องกัน Security (Antivirus)

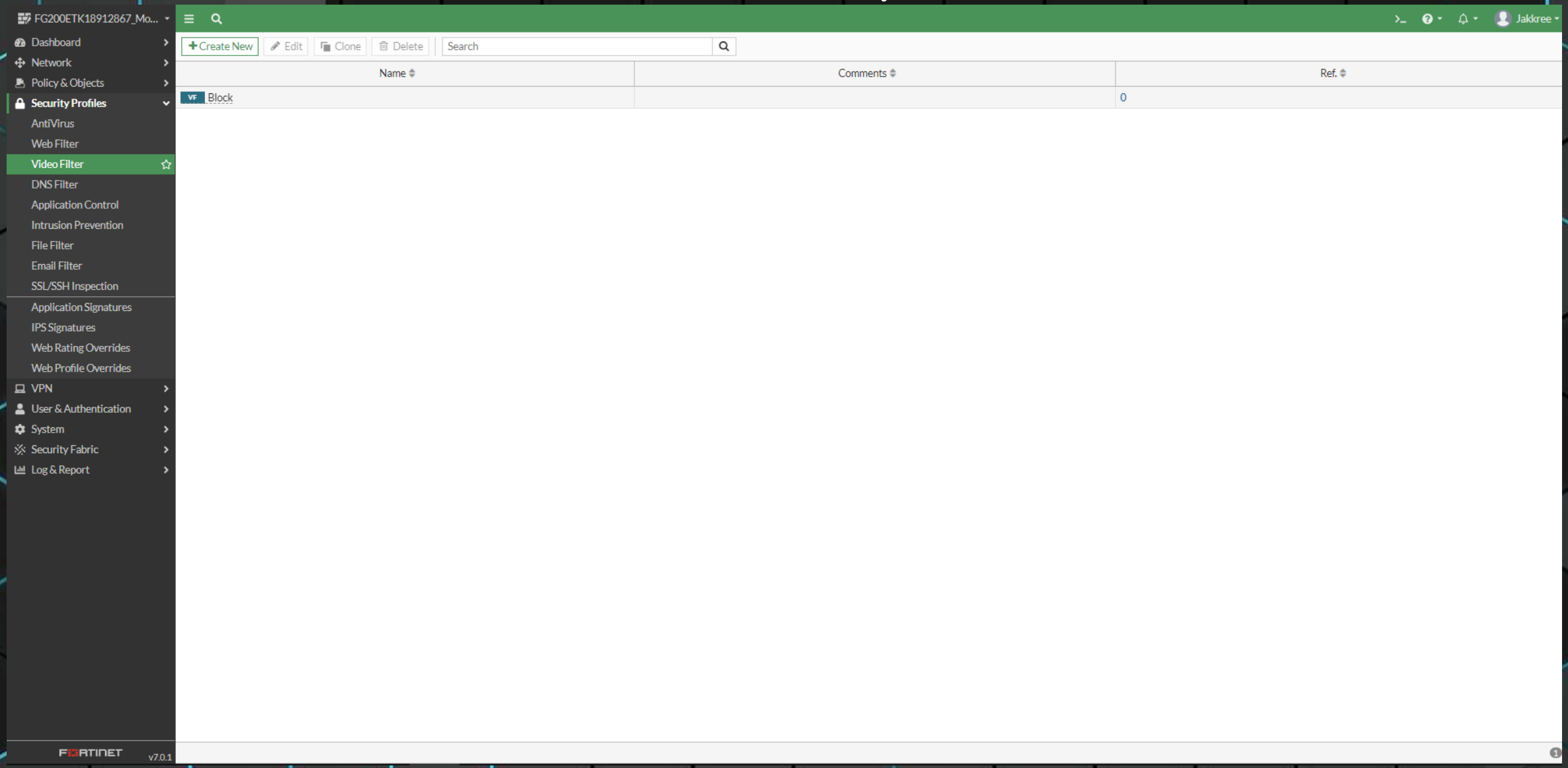


4.Security Profiles

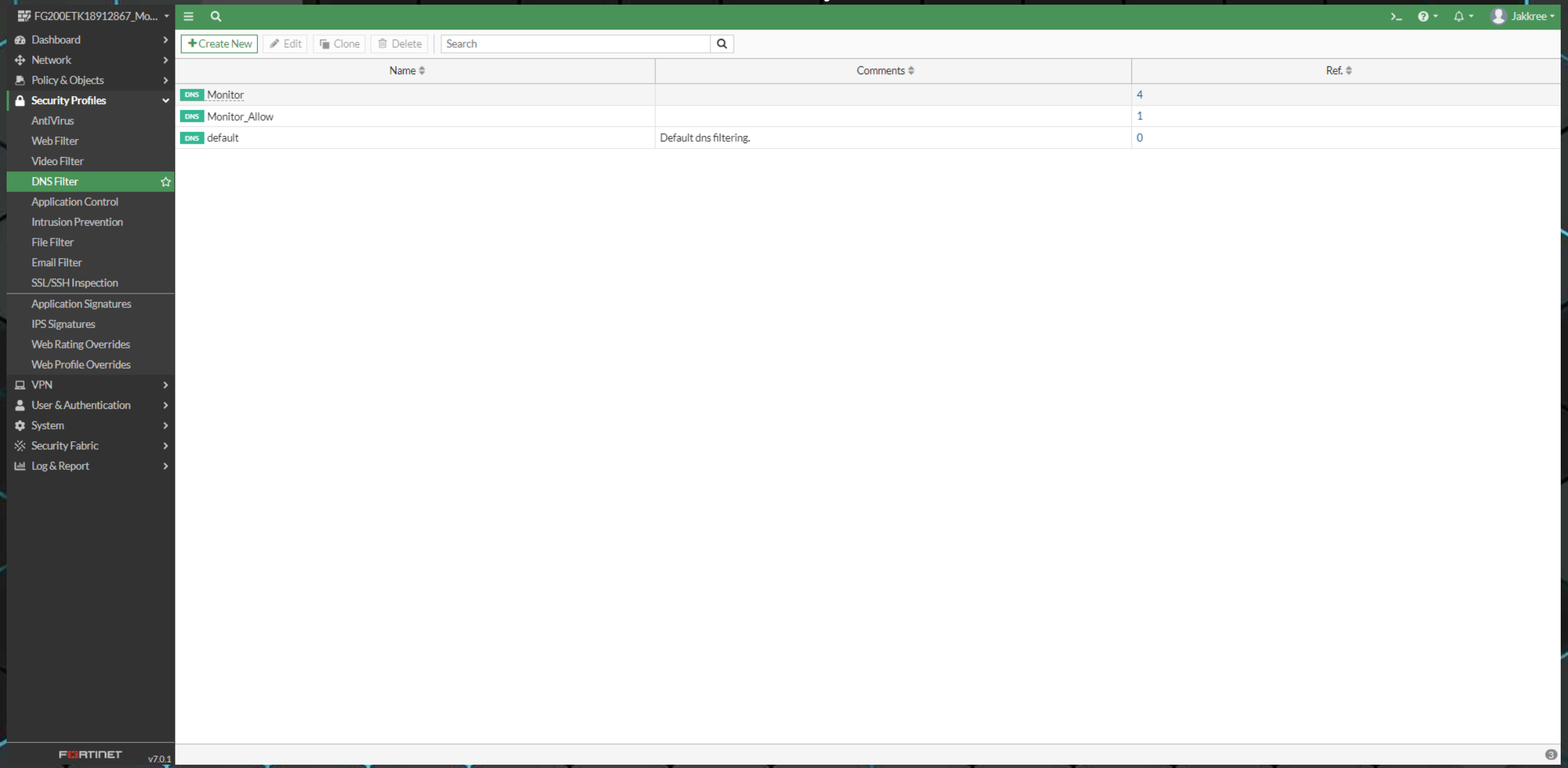
-Web Filter ทำหน้าที่สร้างเงื่อนไขการป้องกัน Security (Web)



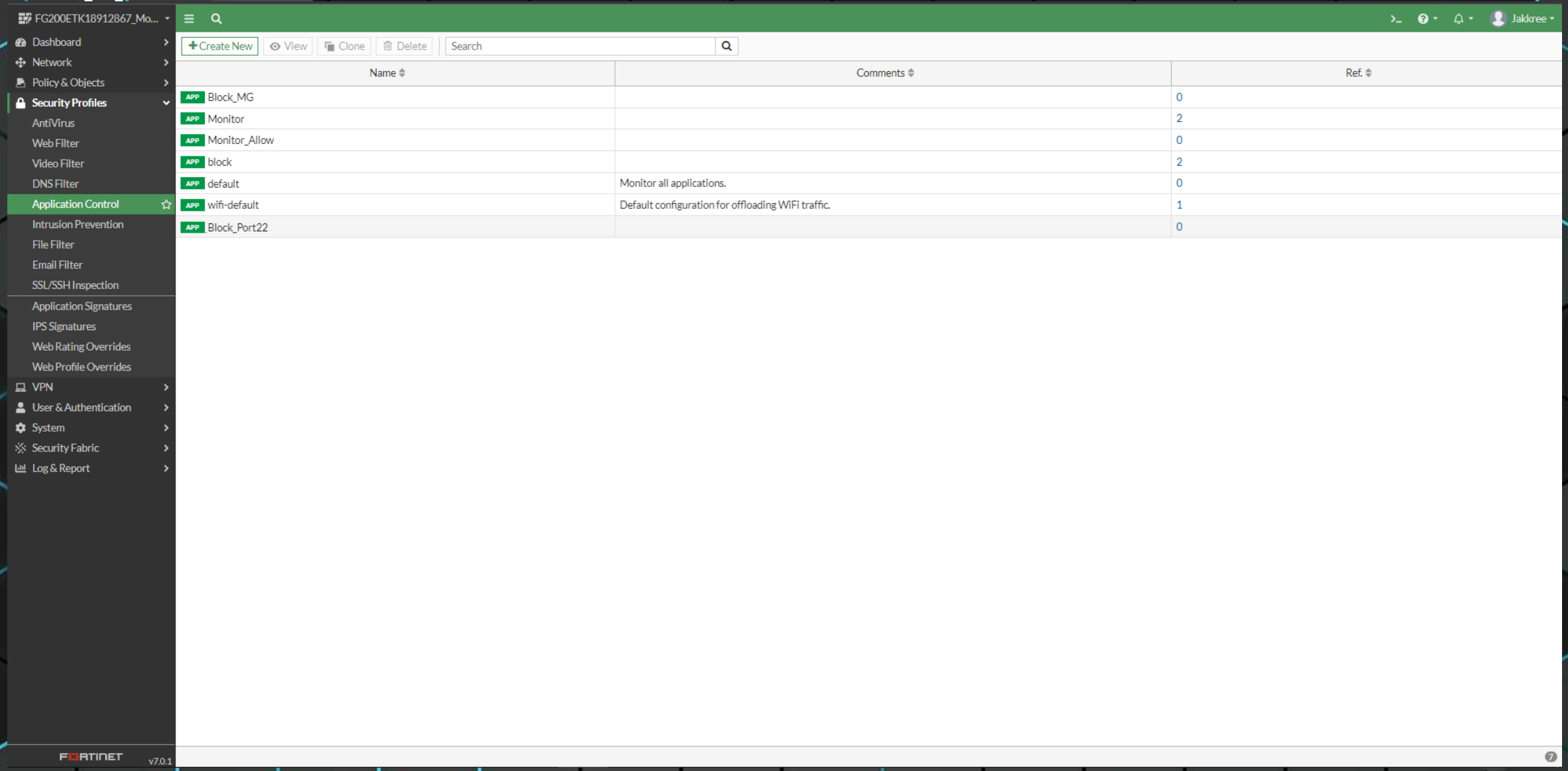
4.Security Profiles
- Video Filter ทำหน้าที่สร้างเงื่อนไขการป้องกัน Security (Video)



4.Security Profiles
- DNS Filter ทำหน้าที่สร้างเงื่อนไขการป้องกัน Security (DNS)

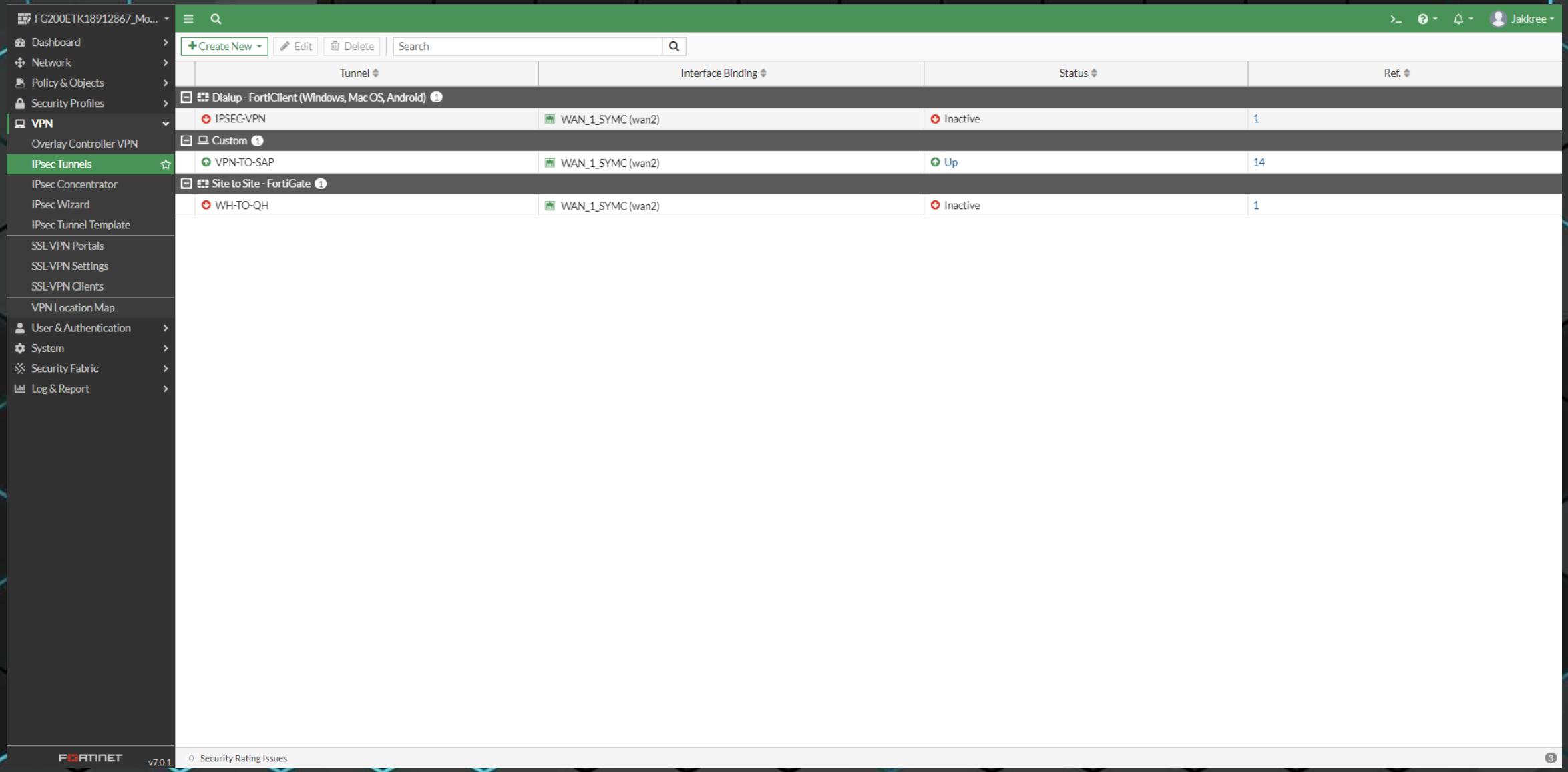


4.Security Profiles
- Application Control ทำหน้าที่สร้างเงื่อนไขการป้องกัน Security (Application)



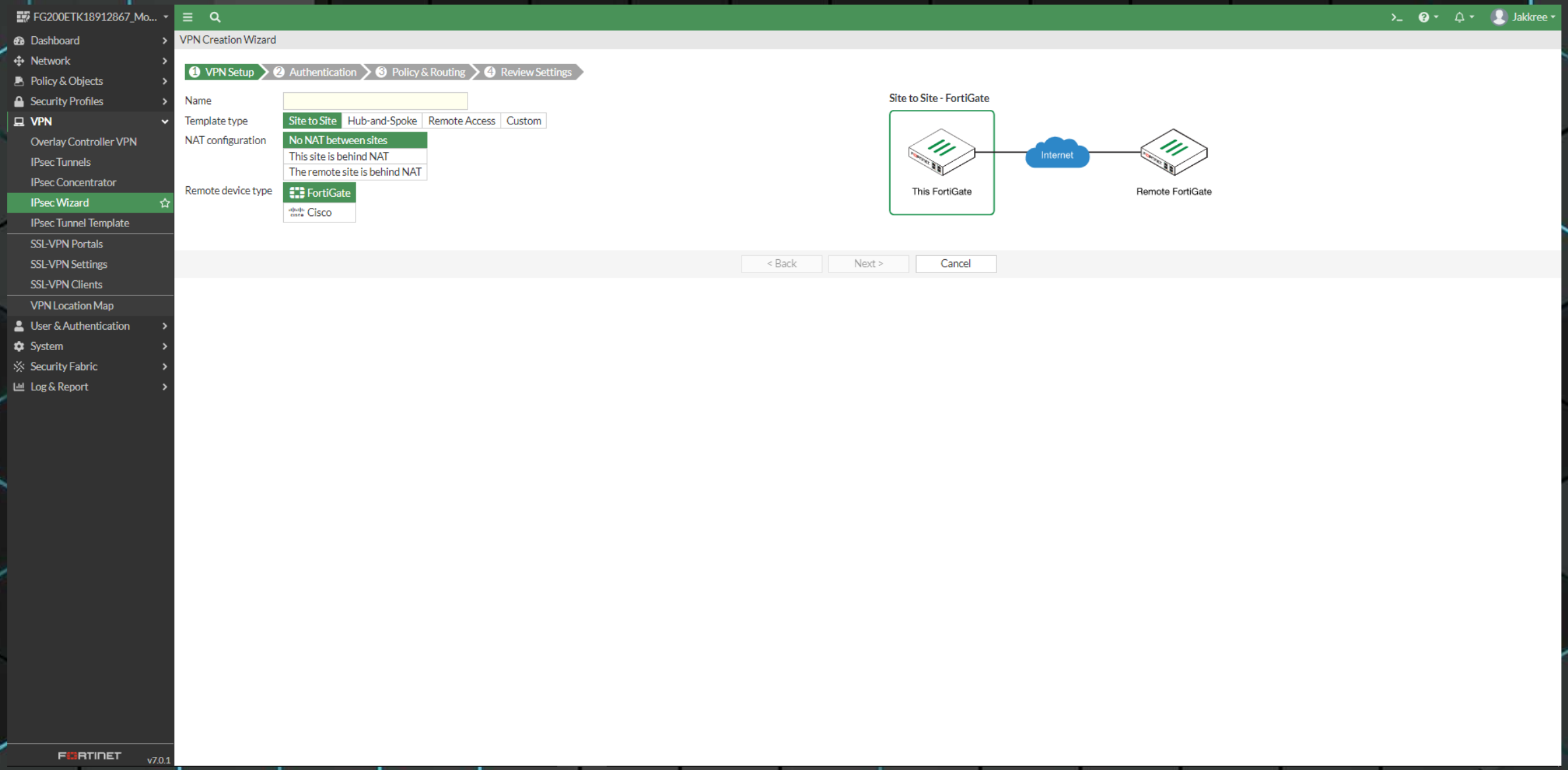
5.VPN

- IPsec Tunnels ทำหน้าที่สร้างเชื่อม Network site to site



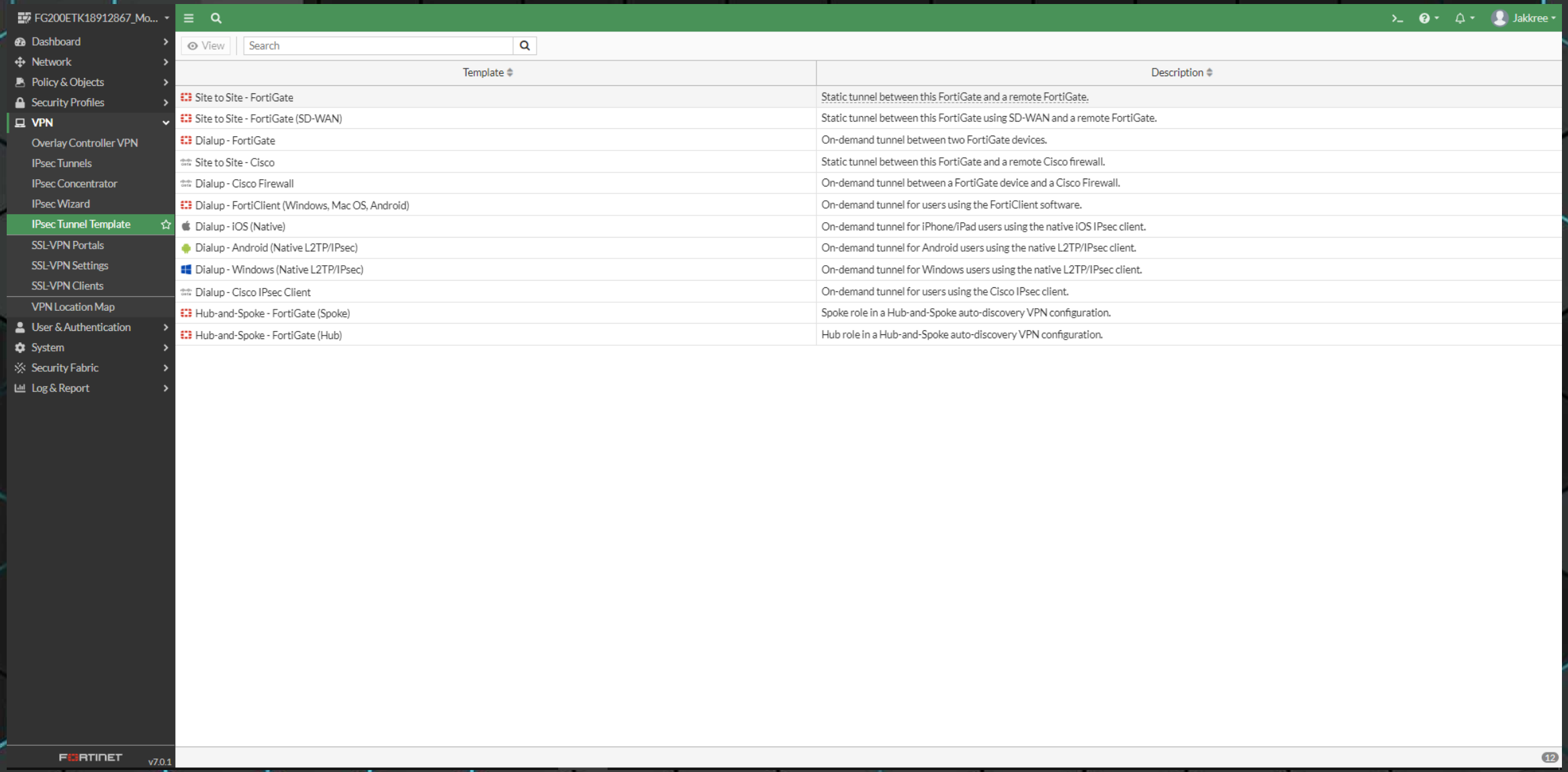
5.VPN

- IPsec Wizard ทำหน้าที่เป็นตัวช่วยสร้างเชื่อม Network site to site



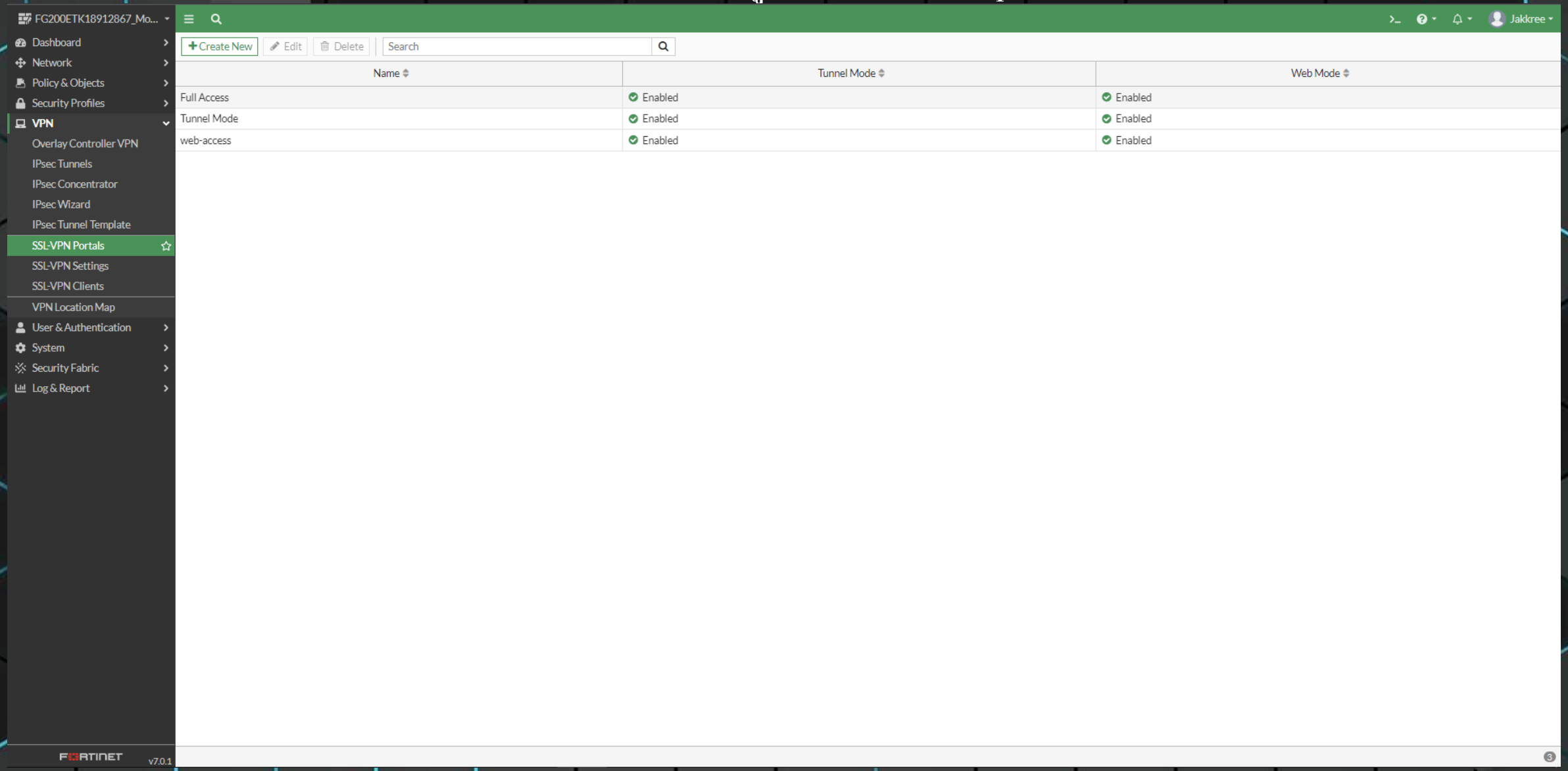
5.VPN

- IPsec Tunnel Template ทำหน้าที่เป็นรูปแบบสร้างเชื่อม Network site to site

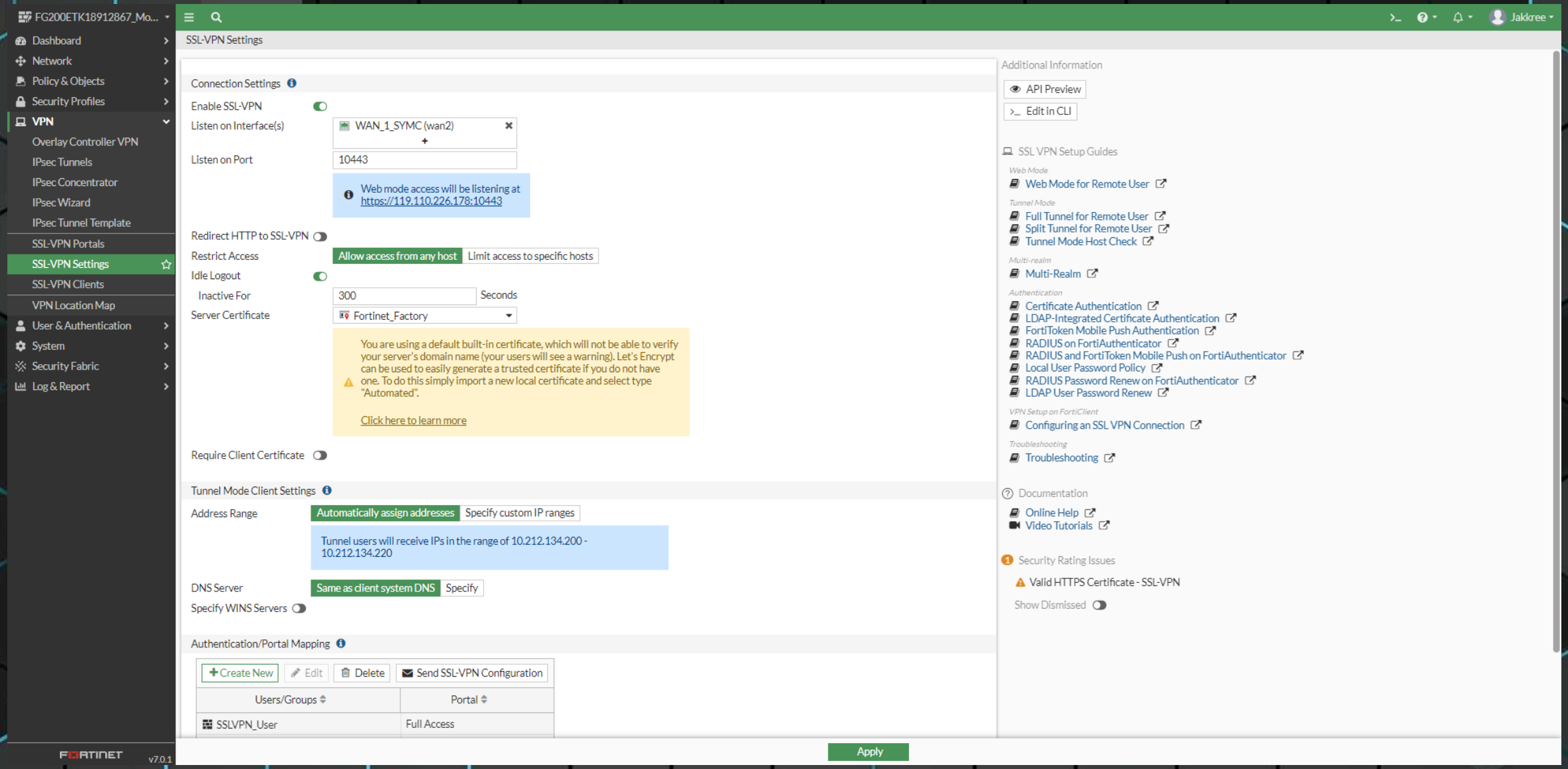


5.VPN

- SSL-VPN Portals ทำหน้าที่กำหนดเงื่อนไขรูปแบบ Services vpn



5.VPN
- SSL-VPN Settings ทำหน้าที่กำหนดช่องทางการเชื่อม Services vpn



6.User & Authentication
- User Definition ทำหน้าที่สร้างสิทธิ์ผู้ใช้งาน

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
  - User Definition
  - User Groups
  - Guest Management
  - LDAP Servers
  - RADIUS Servers
  - Authentication Settings
  - FortiTokens
- System
- Security Fabric
- Log & Report

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+Create New | Edit | Clone | Delete | Search

Name	Type	Two-factor Authentication	Groups	Status	Ref.
Piyawan	LOCAL		SSLVPN_User	Disabled	1
Test	LOCAL		SSLVPN_User	Disabled	1
Uservisitor01	LOCAL		Intrernet-Part time	Disabled	1
Uservisitor02	LOCAL		Intrernet-Part time	Disabled	1
Uservisitor03	LOCAL		Intrernet-Part time	Disabled	1
Uservisitor04	LOCAL		Intrernet-Part time	Disabled	1
Uservisitor05	LOCAL		Intrernet-Part time	Disabled	1
adminada01	LOCAL		SSLVPN_User	Enabled	1
adminada02	LOCAL		SSLVPN_User	Disabled	1
adminada03	LOCAL		SSLVPN_User	Disabled	1
adminada04	LOCAL		SSLVPN_User	Disabled	1
adminada05	LOCAL		SSLVPN_User	Disabled	1
adminiam	LOCAL		SSLVPN_User	Disabled	1
admintest	LOCAL		SSLVPN_User	Disabled	1
busarin.y	LOCAL		SSLVPN_User	Enabled	1
cash01	LOCAL		SSLVPN_User	Disabled	1
cash02	LOCAL		SSLVPN_User	Disabled	1
cash03	LOCAL		SSLVPN_User	Disabled	1
chantana.u	LOCAL			Disabled	0
ganyaphat.k	LOCAL		SSLVPN_User User_Authentication	Enabled	2
guest	LOCAL		Guest-group	Disabled	1
iscode01	LOCAL		SSLVPN_User	Enabled	1
iscode02	LOCAL		SSLVPN_User	Disabled	1
iscode03	LOCAL		SSLVPN_User	Disabled	1
iscode04	LOCAL		SSLVPN_User	Disabled	1
jakkree.b	LOCAL		IPSec-VPN SSLVPN_User User_Authentication	Enabled	3
kanphisha.s	LOCAL		SSLVPN_User	Enabled	1
kanpitcha.c	LOCAL		SSLVPN_User	Disabled	1

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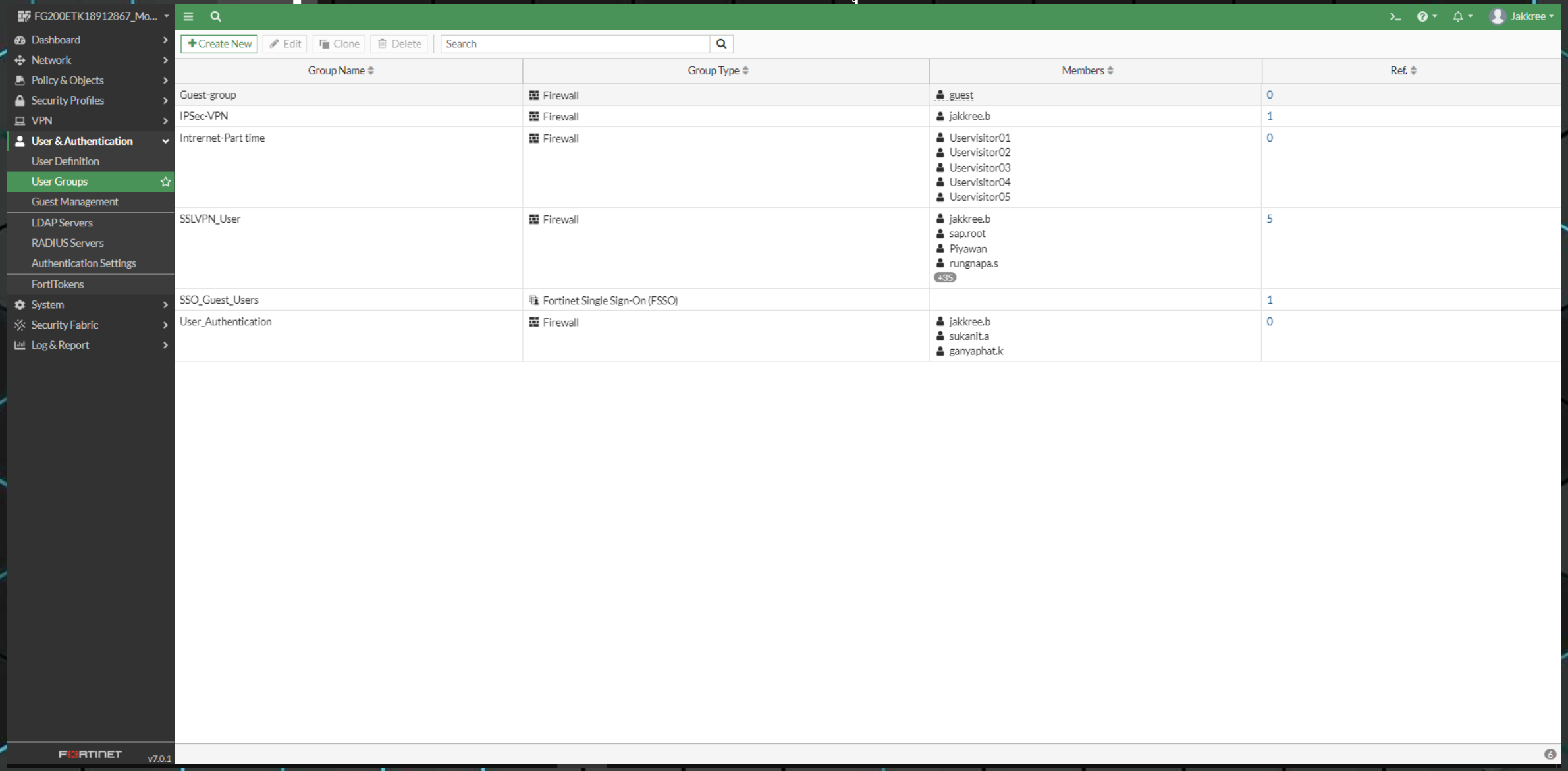
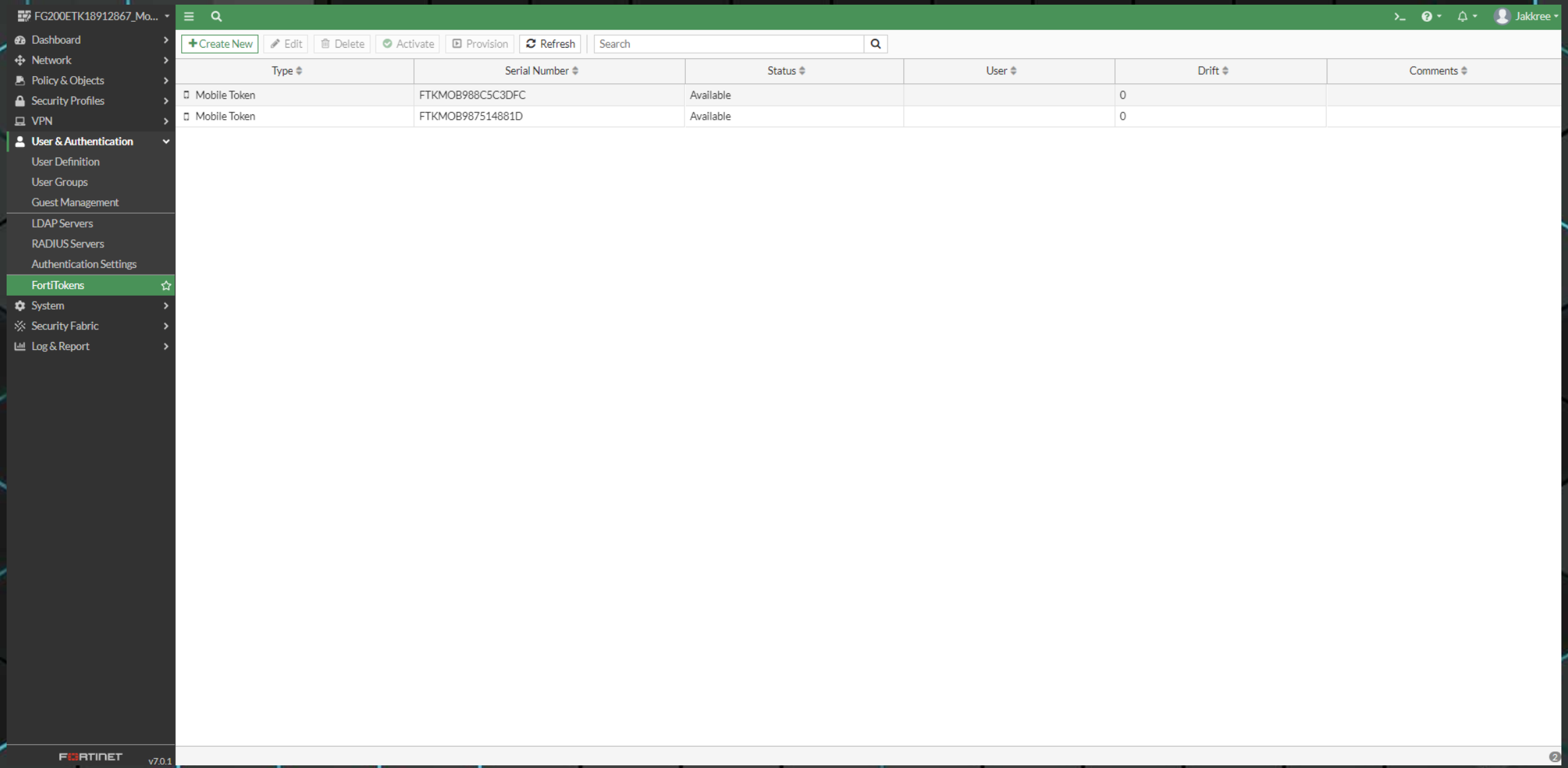
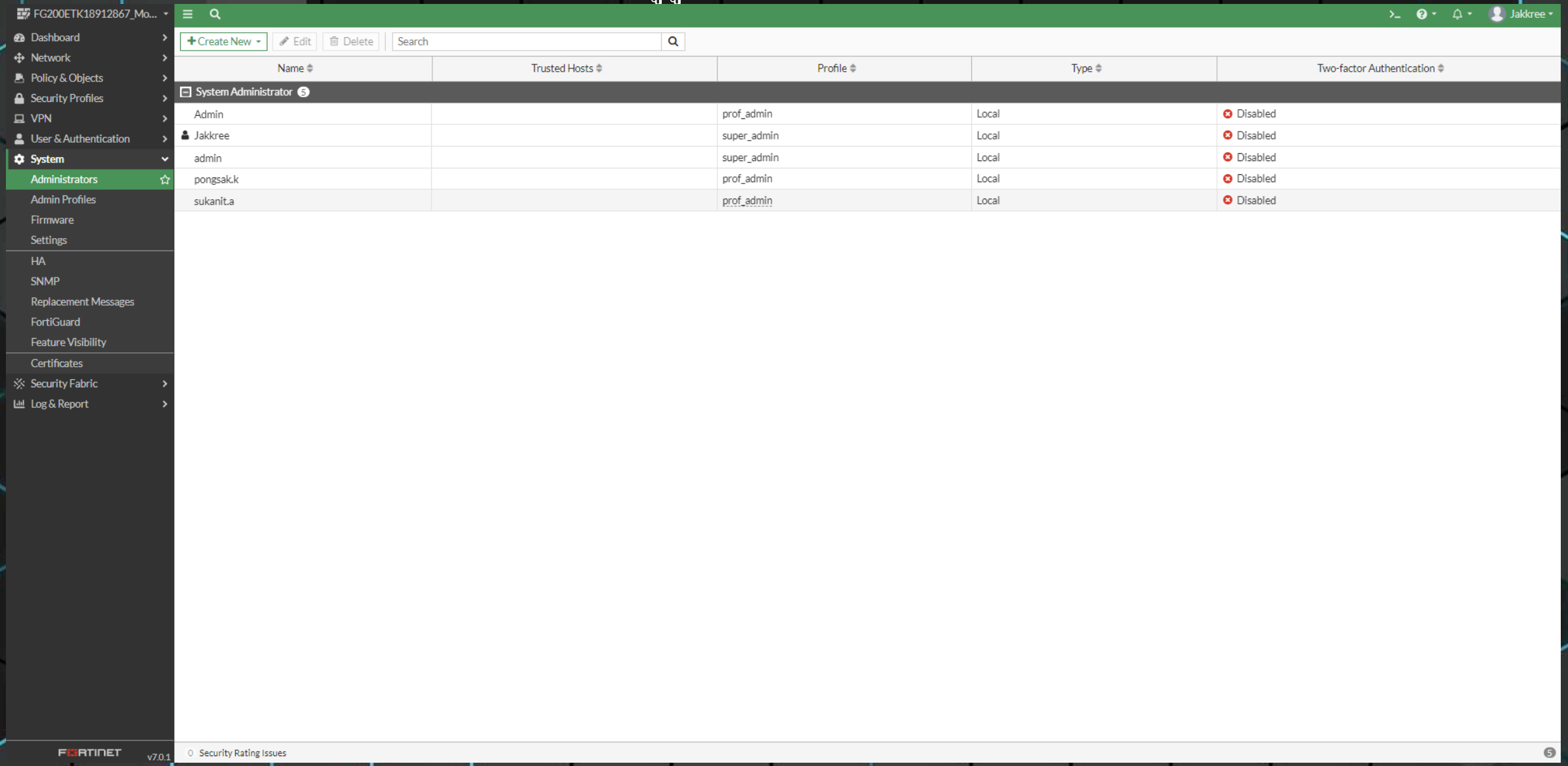
6.User & Authentication
- User Groups ทำหน้าที่สร้างและกำหนดสิทธิ์แบบกลุ่ม



6.User & Authentication
- Forti Tokens ทำหน้าที่สร้างและกำหนดสิทธิ์รหัสผ่านครั้งเดียว (OTP)

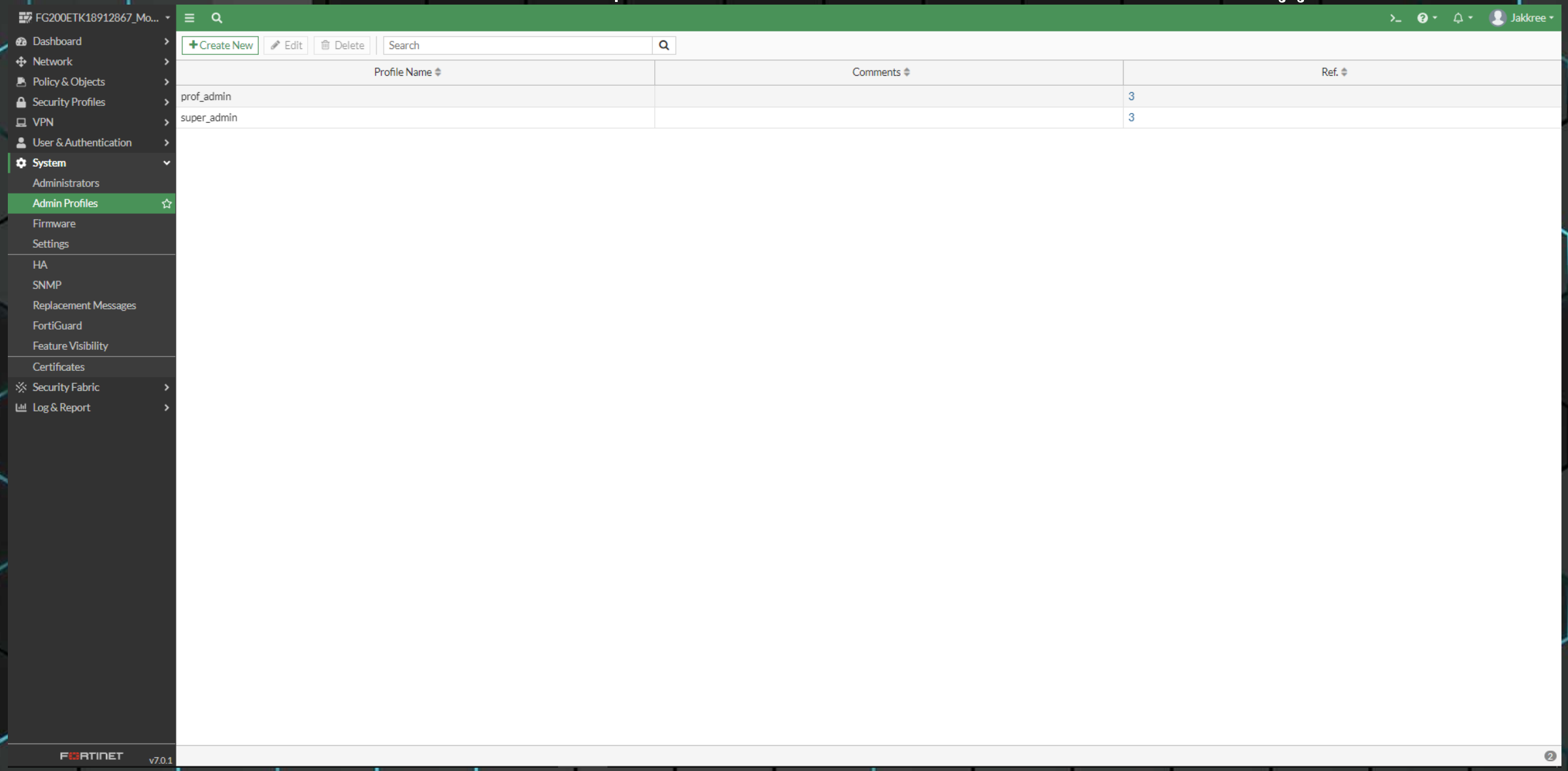


7.System
- Administrators ทำหน้าที่สร้างสิทธิ์ผู้ดูแลระบบ



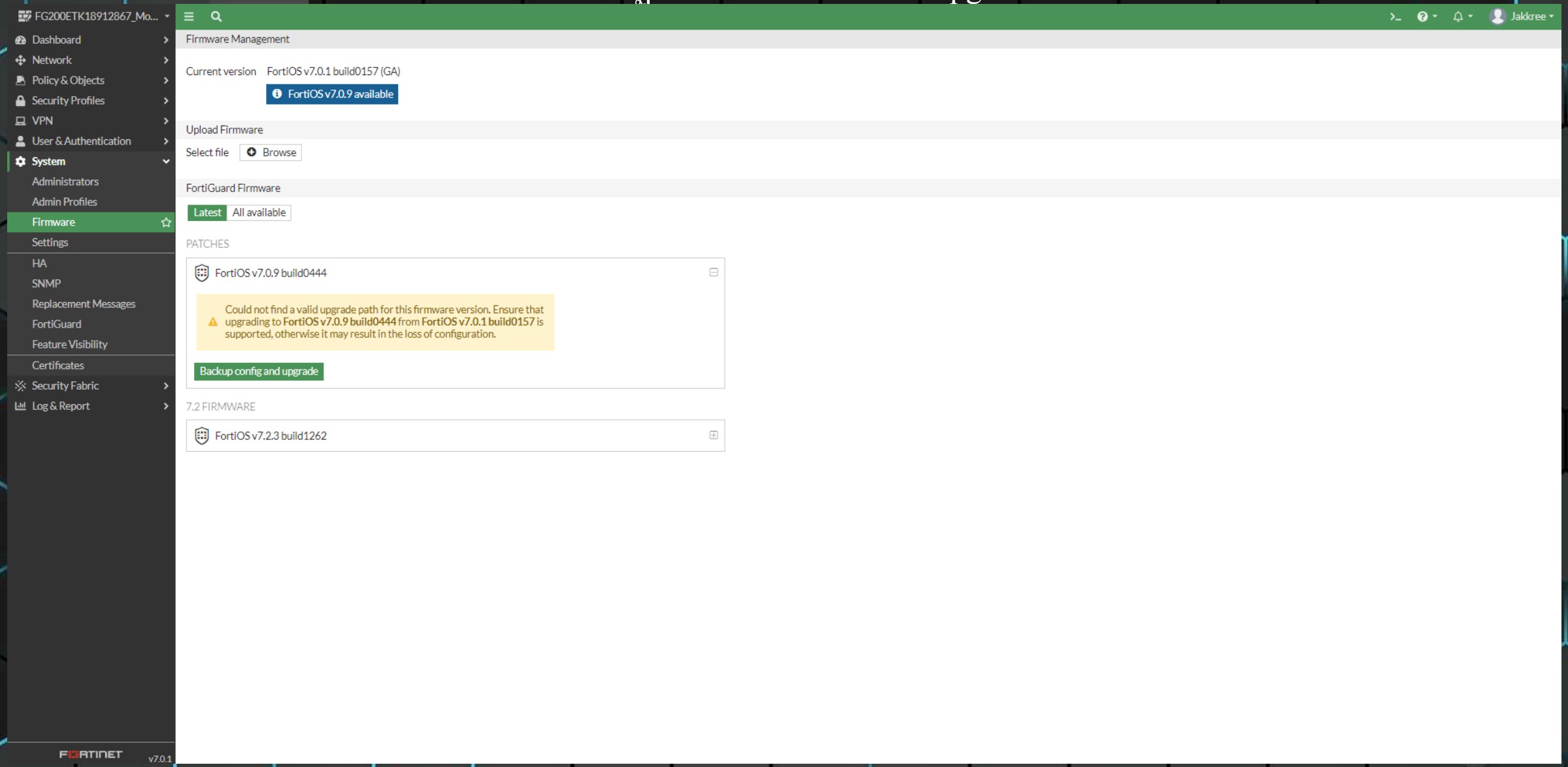
7.System

- Admin Profiles ทำหน้าที่สร้างกลุ่มสิทธิ์ และ กำหนดเงื่อนไขสิทธิ์การเข้าถึง สำหรับผู้ดูแลระบบ

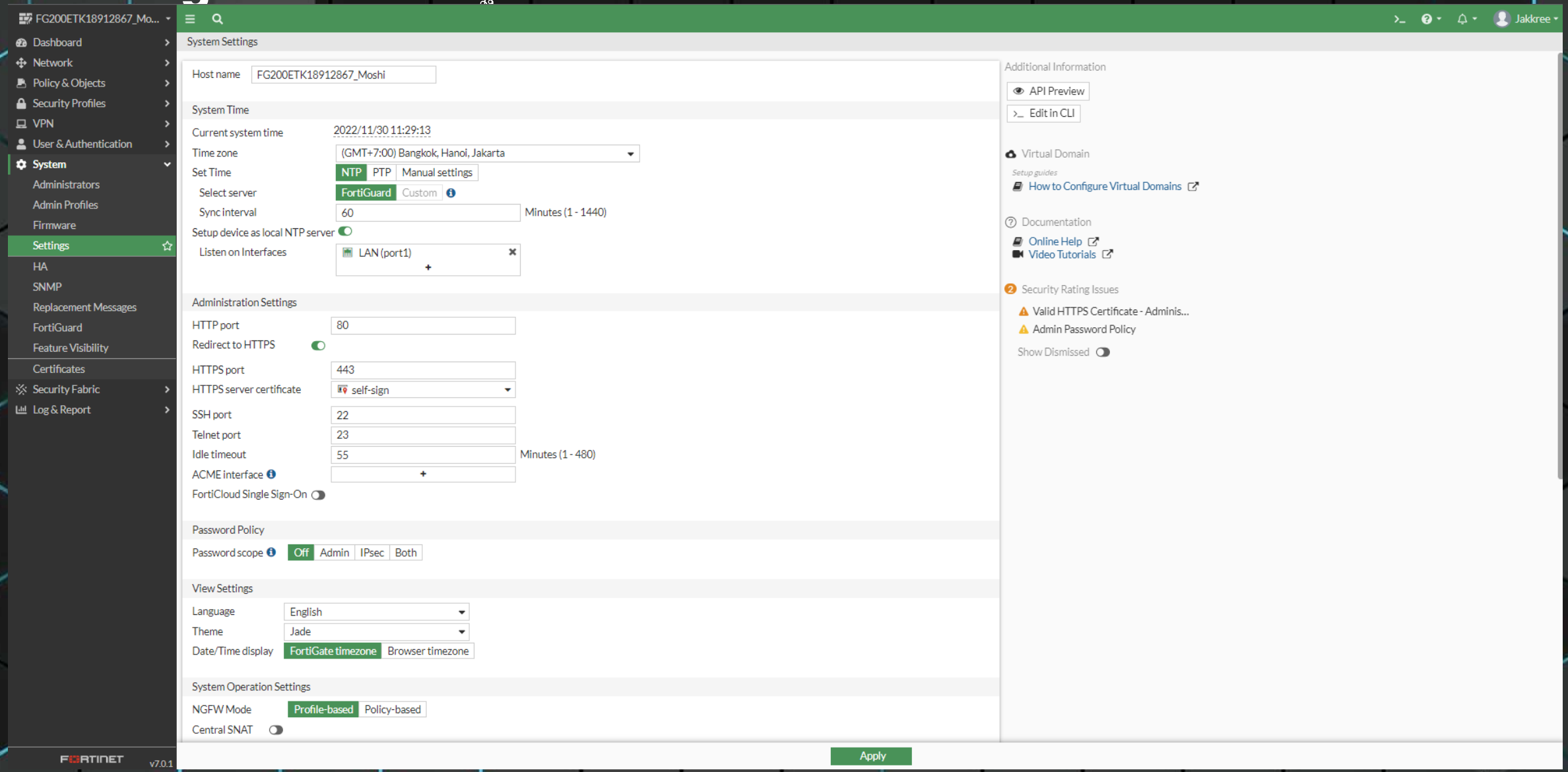


7.System

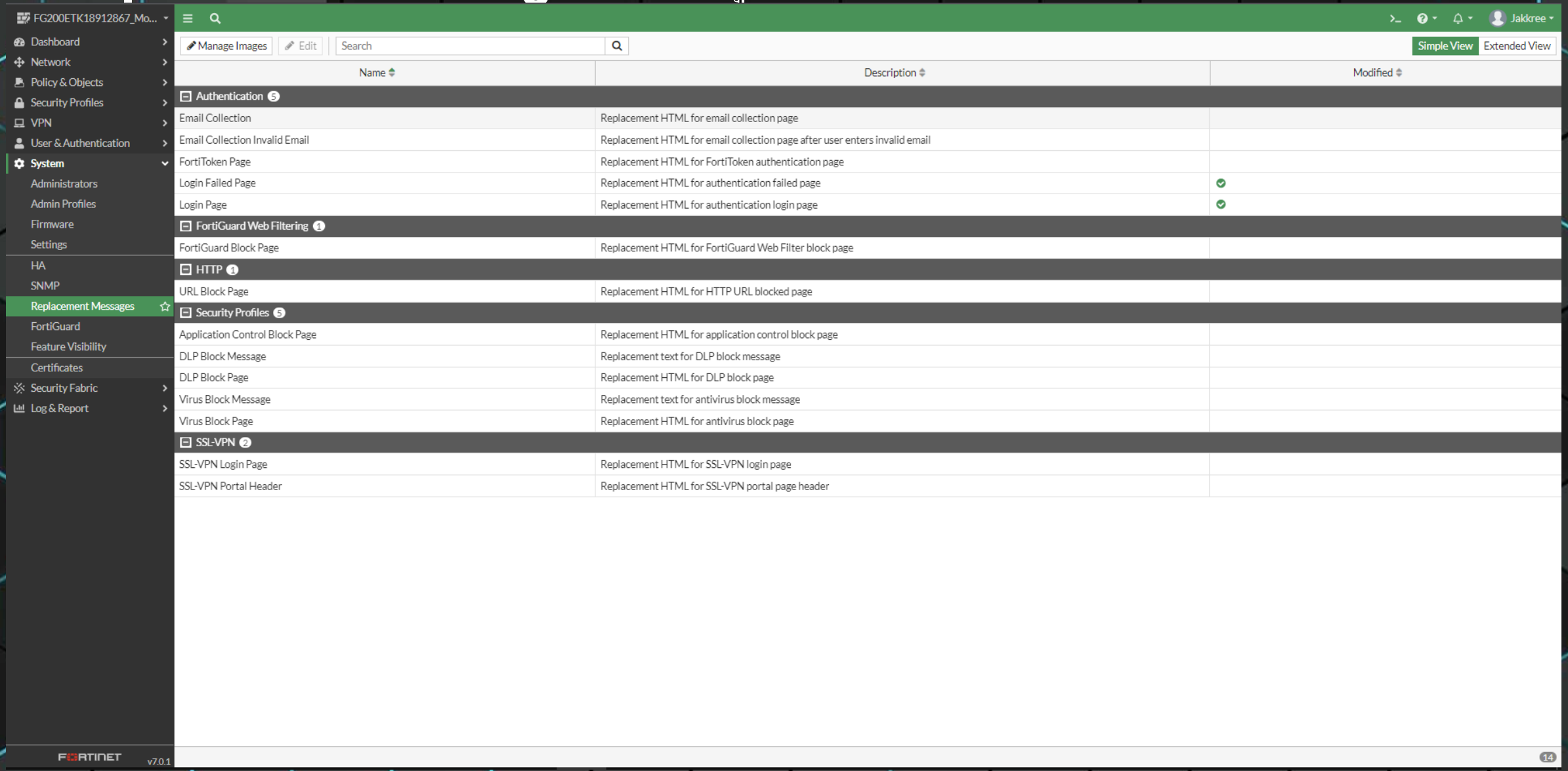
- Firmware ทำหน้าที่ตรวจสอบระบบปฏิบัติการ Version และ Upgrade



7.System
- Settings ทำหน้าที่ตั้งค่าพื้นฐานของระบบ



7.System
- Replacement Messages ทำหน้าที่รูปแบบข้อมความการแจ้งเตือน



7.System
- FortiGuard ทำหน้าที่แสดงสถานะ License information

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
  - Administrators
  - Admin Profiles
  - Firmware
  - Settings
  - HA
  - SNMP
  - Replacement Messages
  - FortiGuard
  - Feature Visibility
  - Certificates
- Security Fabric
- Log & Report

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FortiGuard Distribution Network

License Information

Entitlement	Status	
FortiCare Support	Registered	Actions
Firmware & General Updates	Licensed (Expiration Date: 2024/06/24)	
Intrusion Prevention	Licensed (Expiration Date: 2024/06/24)	
AntiVirus	Licensed (Expiration Date: 2024/06/24)	
Web Filtering	Licensed (Expiration Date: 2024/06/24)	
Email Filtering	Licensed (Expiration Date: 2024/06/24)	
Outbreak Prevention	Licensed (Expiration Date: 2024/06/24)	
SD-WAN Network Monitor	Not Licensed	Purchase
Security Rating	Not Licensed	Purchase
Industrial DB	Not Licensed	Purchase
FortiIPAM	Not Licensed	Purchase
IoT Detection Service	Expired (Expiration Date: 2021/06/25)	Renew
FortiGate Cloud	Activated	Logout
FortiGate Cloud Log Retention	Licensed (Expiration Date: 2024/06/27)	

FortiCare support contracts can be activated here and applied directly to this FortiGate.
Enter Registration Code

FortiGuard Updates

Scheduled updates: Every | Daily | Weekly | Automatic

Improve IPS quality

Use extended IPS signature package

AntiVirus PUP/PUA

Update server location: US only | Lowest latency locations

Filtering

Override FortiGuard Servers

FortiGuard Updates

Next Update: 2023/09/05 16:34:00

Update Licenses & Definitions Now

Fortinet Service Communications

Service	Traffic Volume (Last 24 hours)
FortiCare	0 B
FortiGate Cloud Log	356.93 MB
FortiGuard.com	3.42 MB
FortiGuard Download	32.78 MB
FortiGuard Query	1.66 MB
FortiGate Cloud Sandbox	0 B
OCVPN	0 B
SDNS	1.12 MB
FortiToken Registration	0 B
SMS Service	0 B

FortiGuard Filter Rating Servers

Service	Status
Web Filter	173.243.129.16 27 ms
Anti-Spam	173.243.129.16 27 ms
Outbreak Prevention	173.243.129.16 27 ms

Additional Information

API Preview

Edit in CLI

Documentation

Online Help

Video Tutorials

How to Purchase/Renew Fortinet Service Subscriptions

Apply

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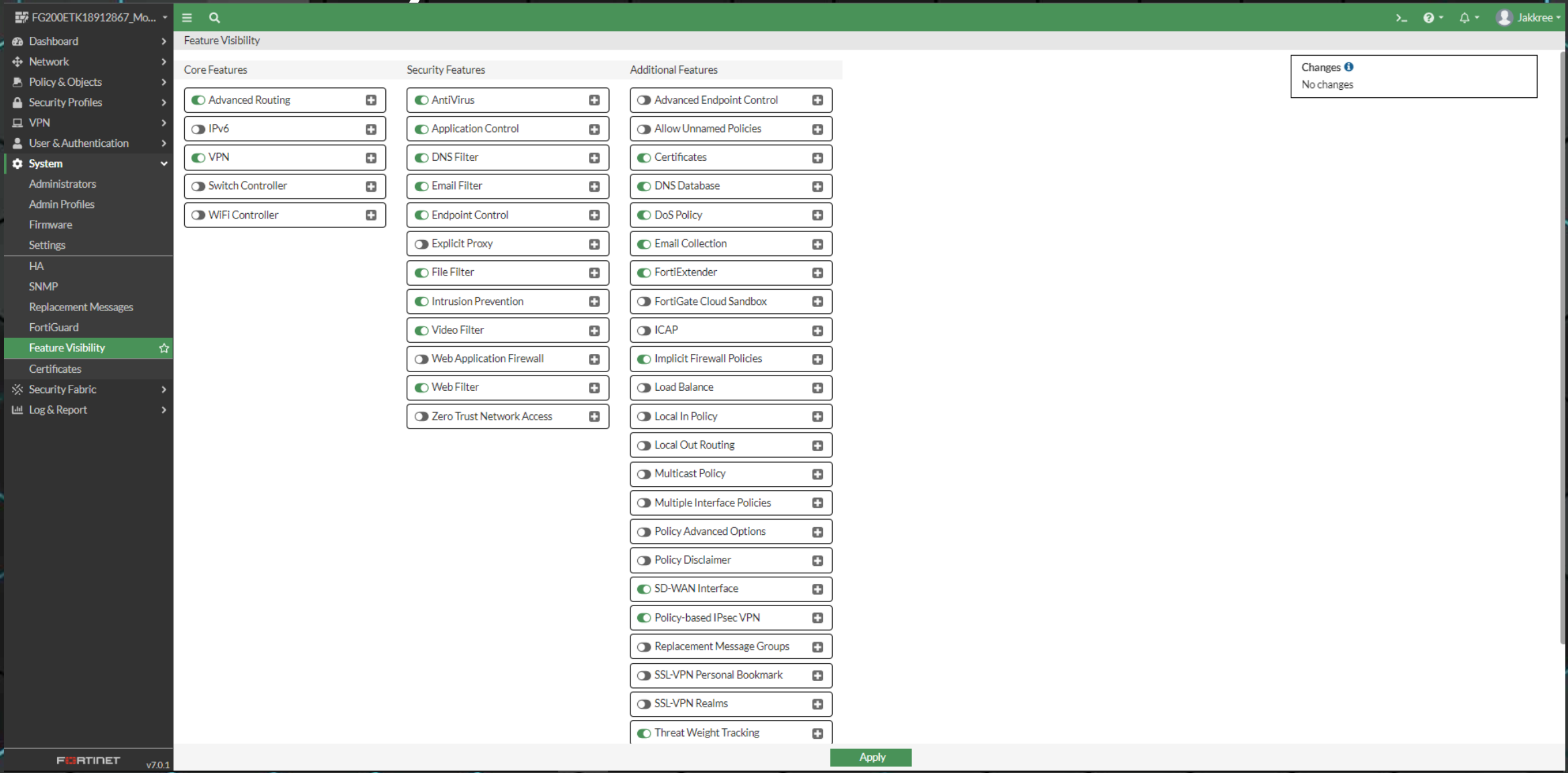
7.System
- Feature Visibility ทำหน้าที่เปิดใช้งาน Feature ต่างๆ



7.System
- Certificates ทำหน้าที่เพิ่มหรือติดตั้ง Certificate

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
  - Administrators
  - Admin Profiles
  - Firmware
  - Settings
  - HA
  - SNMP
  - Replacement Messages
  - FortiGuard
  - Feature Visibility
  - Certificates
- Security Fabric
- Log & Report

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+ Generate | Edit | Delete | Import | View Details | Download | Search

Name	Subject	Comments	Issuer	Expires	Status	Source	Ref.
Local CA Certificate 2							
Fortinet_CA_SSL	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate Authority, CN = FG200...	This is the default CA certificate the SSL Inspection will use when generating new server cert...	Fortinet	2028/11/10 07:40:56	Valid	Factory	5
Fortinet_CA_Untrusted	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate Authority, CN = Fortine...	This is the default CA certificate the SSL Inspection will use when generating new server cert...	Fortinet	2028/11/10 07:40:56	Valid	Factory	4
Local Certificate 13							
Fortinet_Factory	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit. It has b...	Fortinet	2038/01/19 10:14:07	Valid	Factory	3
Fortinet_SSL	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:56	Valid	Factory	0
Fortinet_SSL_DSA1024	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:56	Valid	Factory	1
Fortinet_SSL_DSA2048	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:57	Valid	Factory	1
Fortinet_SSL_ECDSA256	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:57	Valid	Factory	1
Fortinet_SSL_ECDSA384	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:57	Valid	Factory	1
Fortinet_SSL_ECDSA521	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2023/10/20 23:51:27	Valid	Factory	1
Fortinet_SSL_ED448	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2023/10/20 23:51:27	Valid	Factory	1
Fortinet_SSL_ED25519	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2023/10/20 23:51:27	Valid	Factory	1
Fortinet_SSL_RSA1024	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:56	Valid	Factory	1
Fortinet_SSL_RSA2048	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2028/11/10 07:40:56	Valid	Factory	1
Fortinet_SSL_RSA4096	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiGate, CN = FG200ETK18912...	This certificate is embedded in the hardware at the factory and is unique to this unit.	Fortinet	2023/10/20 23:51:27	Valid	Factory	1
Fortinet_Wifi	C = US, ST = California, L = Sunnyvale, O = "Fortinet, Inc.", CN = auth-cert.fortinet.com	This certificate is embedded in the firmware and is the same on every unit (not unique). It has...	DigiCert Inc	2023/09/06 06:59:59	Valid	Factory	0
Remote CA Certificate 4							
Fortinet_CA	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate Authority, CN = suppor...		Fortinet	2038/01/20 05:34:39	Valid	Factory	0
Fortinet_CA2	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate Authority, CN = fortinet...		Fortinet	2056/05/28 03:27:39	Valid	Factory	0
Fortinet_Sub_CA	C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate Authority, CN = fortinet...		Fortinet	2056/05/28 03:48:33	Valid	Factory	0
Fortinet_Wifi_CA	C = US, O = DigiCert Inc, CN = DigiCert TLS RSA SHA256 2020 CA1		DigiCert Inc	2030/09/24 06:59:59	Valid	Factory	0

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8.Log & Report
- Forward Traffic ทำหน้าที่แสดงสถานะส่งต่อ Traffic

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report
  - Forward Traffic
  - Local Traffic
  - Sniffer Traffic
  - Events
  - AntiVirus
  - Web Filter
  - SSL
  - DNS Query
  - File Filter
  - Application Control
  - Intrusion Prevention
  - Anomaly
  - Anti-Spam
  - FortiGate Cloud Reports
  - Log Settings
  - Threat Weight

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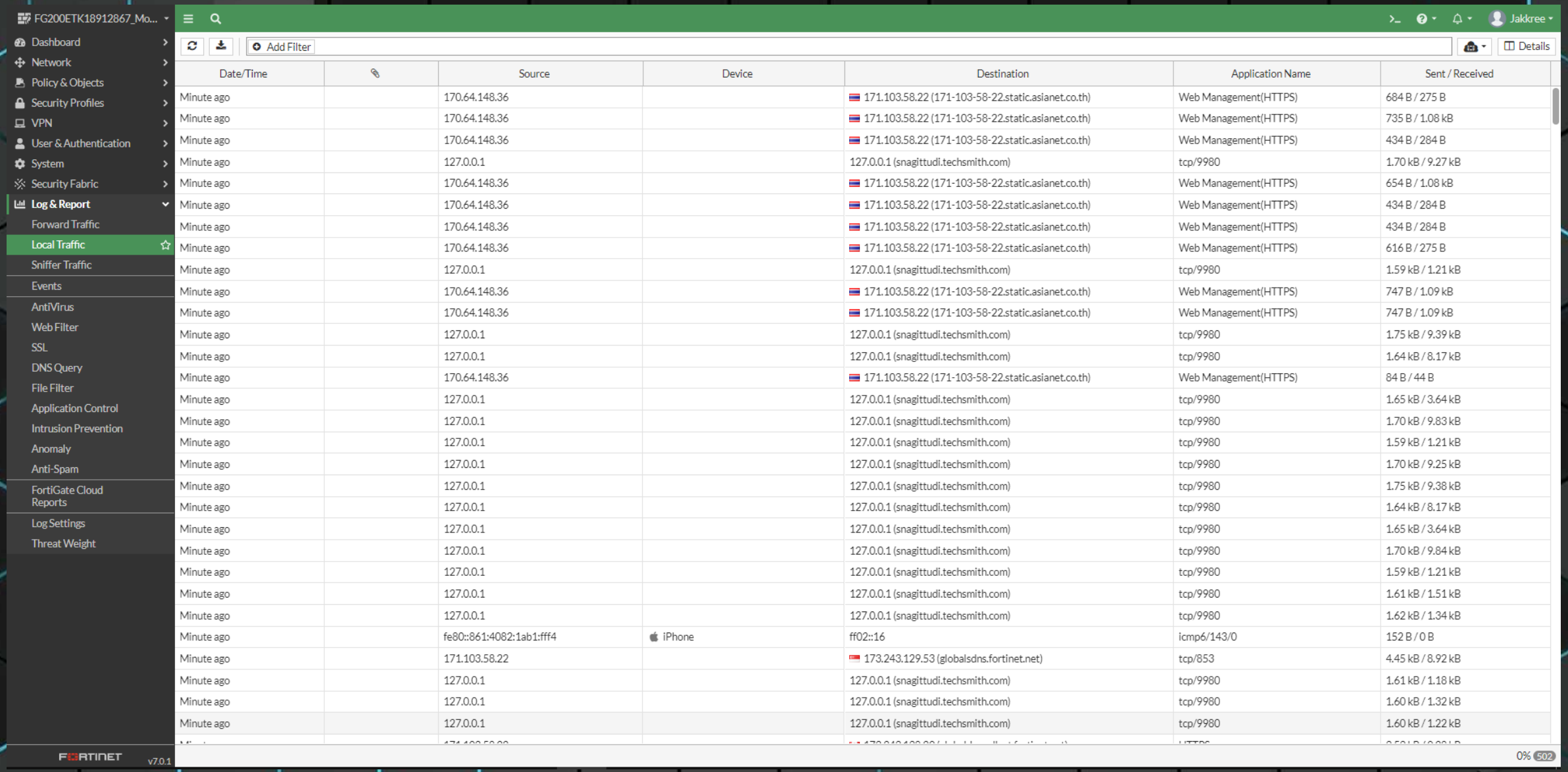
Add Filter | Details

Date/Time		Source	Device	Destination	Application Name	Result	Policy ID
28 seconds ago		192.168.9.2	74:88:bb:55:81:47	8.8.8.8 (ping.ui.com)	DNS	74 B / 131 B	TO-Internet_2 (53)
28 seconds ago		115.87.216.125		119.110.226.178 (ada.moshimoshijp.co.th)		28.82 kB / 27.36 kB	Ada-Report_Moshi (16)
28 seconds ago		180.180.51.245		119.110.226.178 (ada.moshimoshijp.co.th)		811 B / 1.96 kB	Ada-Report_Moshi (16)
28 seconds ago		192.168.7.135	MOSHI-26	119.110.226.178 (ada.moshimoshijp.co.th)		609 B / 1.47 kB	Content (18)
29 seconds ago		49.48.69.250		119.110.226.178 (ada.moshimoshijp.co.th)		713 B / 789 B	Ada-Report_Moshi (16)
29 seconds ago		125.24.30.144		119.110.226.178 (ada.moshimoshijp.co.th)		811 B / 1.98 kB	Ada-Report_Moshi (16)
29 seconds ago		192.168.7.141	MOSHI-34	40.119.249.228 (settings-prod-sea-2.southeastasia.cloudapp.azure.com)	SSL_TLSv1.2	2.37 kB / 4.59 kB	Block (10)
29 seconds ago		192.168.7.155	MOSHI-92	13.89.179.9 (v20.events.data.microsoft.com)	SSL_TLSv1.2	2.53 kB / 5.40 kB	Block_To_Internet (60)
29 seconds ago		192.168.7.155	MOSHI-92	20.189.173.15 (browser.events.data.microsoft.com)	SSL_TLSv1.2	40.30 kB / 6.93 kB	Block_To_Internet (60)
29 seconds ago		192.168.7.216	Galaxy-J7-Pro	171.102.11.8 (tnc16-platform-useast1a.tiktokv.com)	TikTok	Deny: UTM Blocked	Block_To_Internet (60)
29 seconds ago		192.168.7.164	MOSHI-82	74.125.68.188		11.85 kB / 22.32 kB	Allow_All (22)
29 seconds ago		192.168.7.155	MOSHI-92	204.79.197.239 (edge-microsoft-com.dual-a-0036.a-msedge.net)	SSL_TLSv1.2	1.91 kB / 7.27 kB	Block_To_Internet (60)
29 seconds ago		192.168.7.184	RK25-FJ118CA006936	18.138.143.71 (report.moshimoshistore.com)	SSL_TLSv1.2	2.41 kB / 40.52 kB	Block_To_Internet (60)
29 seconds ago		171.100.87.252		119.110.226.178 (ada.moshimoshijp.co.th)		34.12 kB / 32.28 kB	Ada-Report_Moshi (16)
29 seconds ago		192.168.7.104	MOSHI-68	147.92.165.68 (gws.line.naver.jp)	SSL_TLSv1.3	222.09 kB / 617.76 kB	Block (10)
29 seconds ago		171.97.55.241		119.110.226.178 (ada.moshimoshijp.co.th)			Ada-Report_Moshi (16)
29 seconds ago		171.97.55.241		119.110.226.178 (ada.moshimoshijp.co.th)			Ada-Report_Moshi (16)
29 seconds ago		192.168.7.194	MOSHI-100	13.107.6.171 (word-edit.wac.trafficmanager.net.b-0016.b-dc-msedge.net.b-0016.b-msedge...	SSL_TLSv1.2	68.89 kB / 9.40 kB	Block (10)
29 seconds ago		192.168.7.82	MOSHI-08	171.102.240.125 (vos.line-scdn.net)	SSL_TLSv1.3	29.78 kB / 2.16 MB	Block_To_Internet (60)
29 seconds ago		223.205.104.170		119.110.226.178 (ada.moshimoshijp.co.th)		713 B / 749 B	Ada-Report_Moshi (16)
30 seconds ago		192.168.7.82	MOSHI-08	147.92.165.194 (gws.line.naver.jp)	SSL_TLSv1.3	29.66 kB / 351.46 kB	Block_To_Internet (60)
30 seconds ago		192.168.7.184	RK25-FJ118CA006936	18.138.143.71 (report.moshimoshistore.com)	SSL_TLSv1.2	2.38 kB / 40.63 kB	Block_To_Internet (60)
30 seconds ago		192.168.7.82	MOSHI-08	171.102.240.125 (vos.line-scdn.net)	SSL_TLSv1.3	27.91 kB / 2.03 MB	Block (10)
30 seconds ago		115.87.216.125		119.110.226.178 (ada.moshimoshijp.co.th)		811 B / 1.94 kB	Ada-Report_Moshi (16)
30 seconds ago		124.121.18.198		119.110.226.178 (ada.moshimoshijp.co.th)		811 B / 1.98 kB	Ada-Report_Moshi (16)
30 seconds ago		rungnapa.s (10.212.134.200)		35.212.22.229 (us-lurker-input.gravityzone.bitdefender.com)		1.54 kB / 18.06 kB	SSL_VPN-TO-Moshi_Internet (46)
30 seconds ago		171.101.4.180		119.110.226.178 (ada.moshimoshijp.co.th)		811 B / 1.94 kB	Ada-Report_Moshi (16)
30 seconds ago		124.120.46.134		119.110.226.178 (ada.moshimoshijp.co.th)		713 B / 709 B	Ada-Report_Moshi (16)
30 seconds ago		171.97.190.221		119.110.226.178 (ada.moshimoshijp.co.th)		700 B / 755 B	Ada-Report_Moshi (16)
30 seconds ago		171.101.20.27		119.110.226.178 (ada.moshimoshijp.co.th)		700 B / 755 B	Ada-Report_Moshi (16)

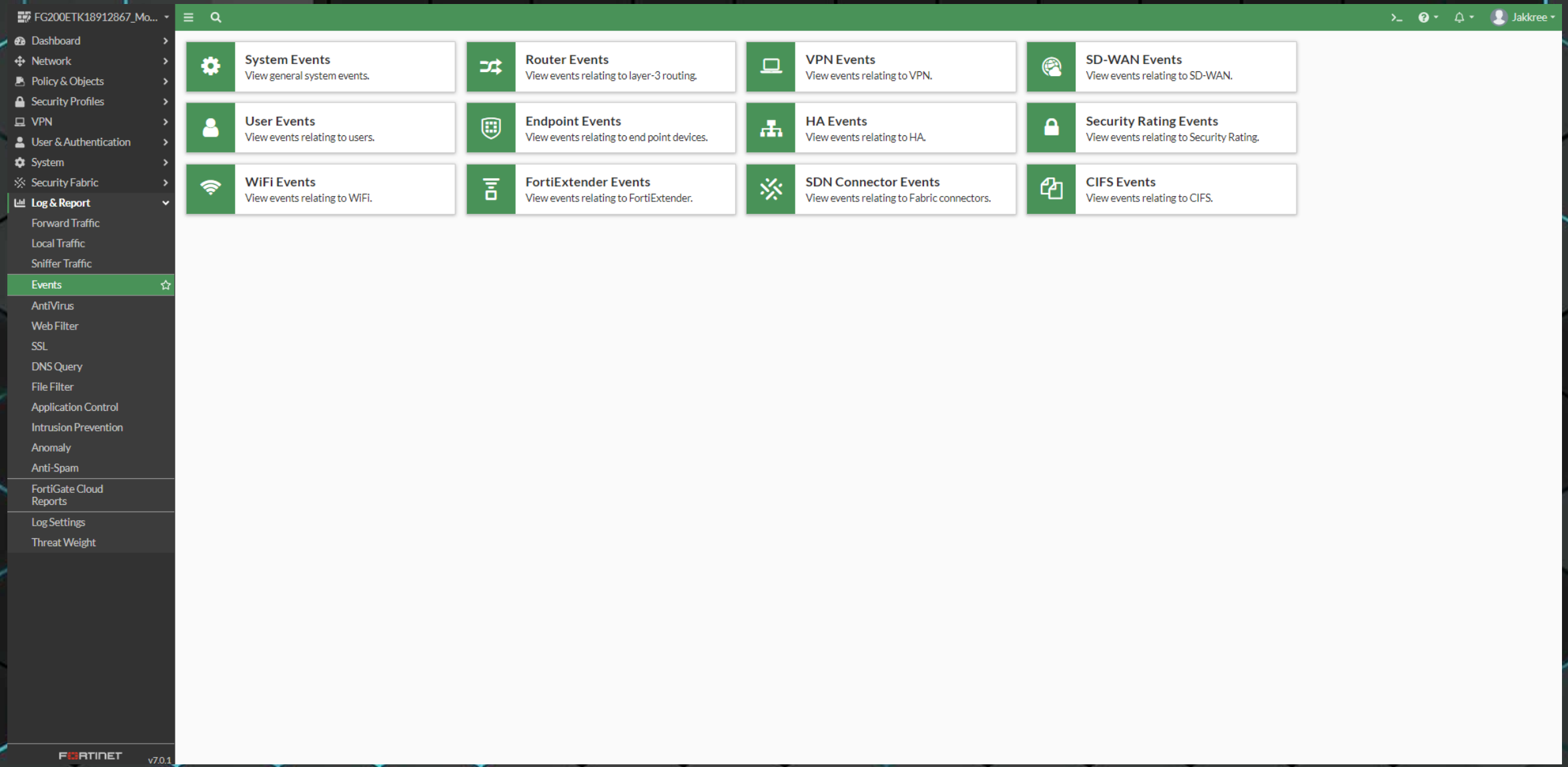
0% 502

8.Log & Report
- Local Traffic ทำหน้าที่แสดงสถานะภายใน Traffic

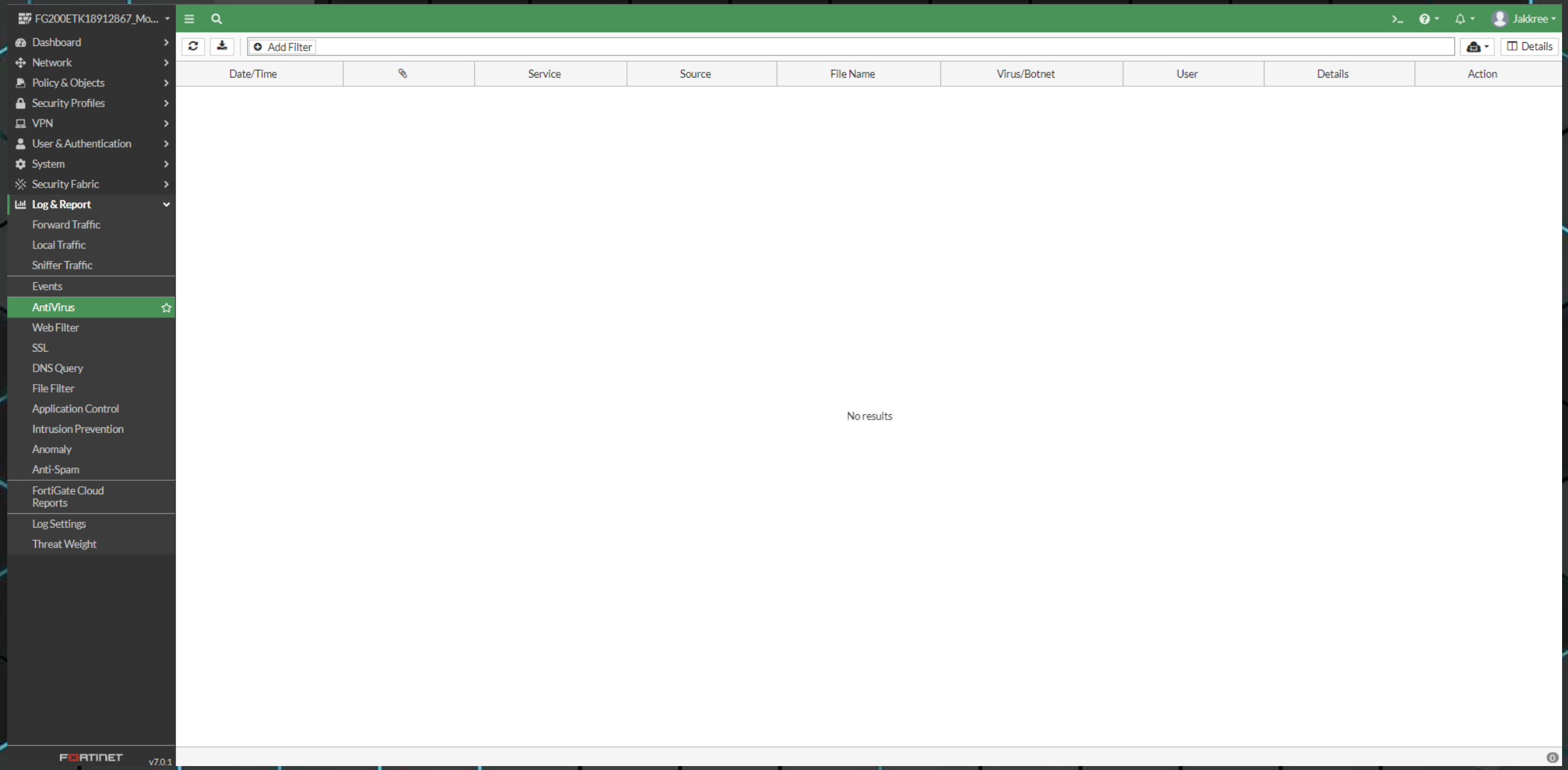


Date/Time		Source	Device	Destination	Application Name	Sent / Received
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	684 B / 275 B
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	735 B / 1.08 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	434 B / 284 B
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.70 kB / 9.27 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	654 B / 1.08 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	434 B / 284 B
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	434 B / 284 B
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	616 B / 275 B
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.59 kB / 1.21 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	747 B / 1.09 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	747 B / 1.09 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.75 kB / 9.39 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.64 kB / 8.17 kB
Minute ago		170.64.148.36		171.103.58.22 (171-103-58-22.static.asianet.co.th)	Web Management(HTTPS)	84 B / 44 B
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.65 kB / 3.64 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.70 kB / 9.83 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.59 kB / 1.21 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.70 kB / 9.25 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.75 kB / 9.38 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.64 kB / 8.17 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.65 kB / 3.64 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.70 kB / 9.84 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.59 kB / 1.21 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.61 kB / 1.51 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.62 kB / 1.34 kB
Minute ago		fe80::861:4082:1ab1:fff4	iPhone	ff02::16	icmp6/143/0	152 B / 0 B
Minute ago		171.103.58.22		173.243.129.53 (globalsdns.fortinet.net)	tcp/853	4.45 kB / 8.92 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.61 kB / 1.18 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.60 kB / 1.32 kB
Minute ago		127.0.0.1		127.0.0.1 (snagittudi.techsmith.com)	tcp/9980	1.60 kB / 1.22 kB

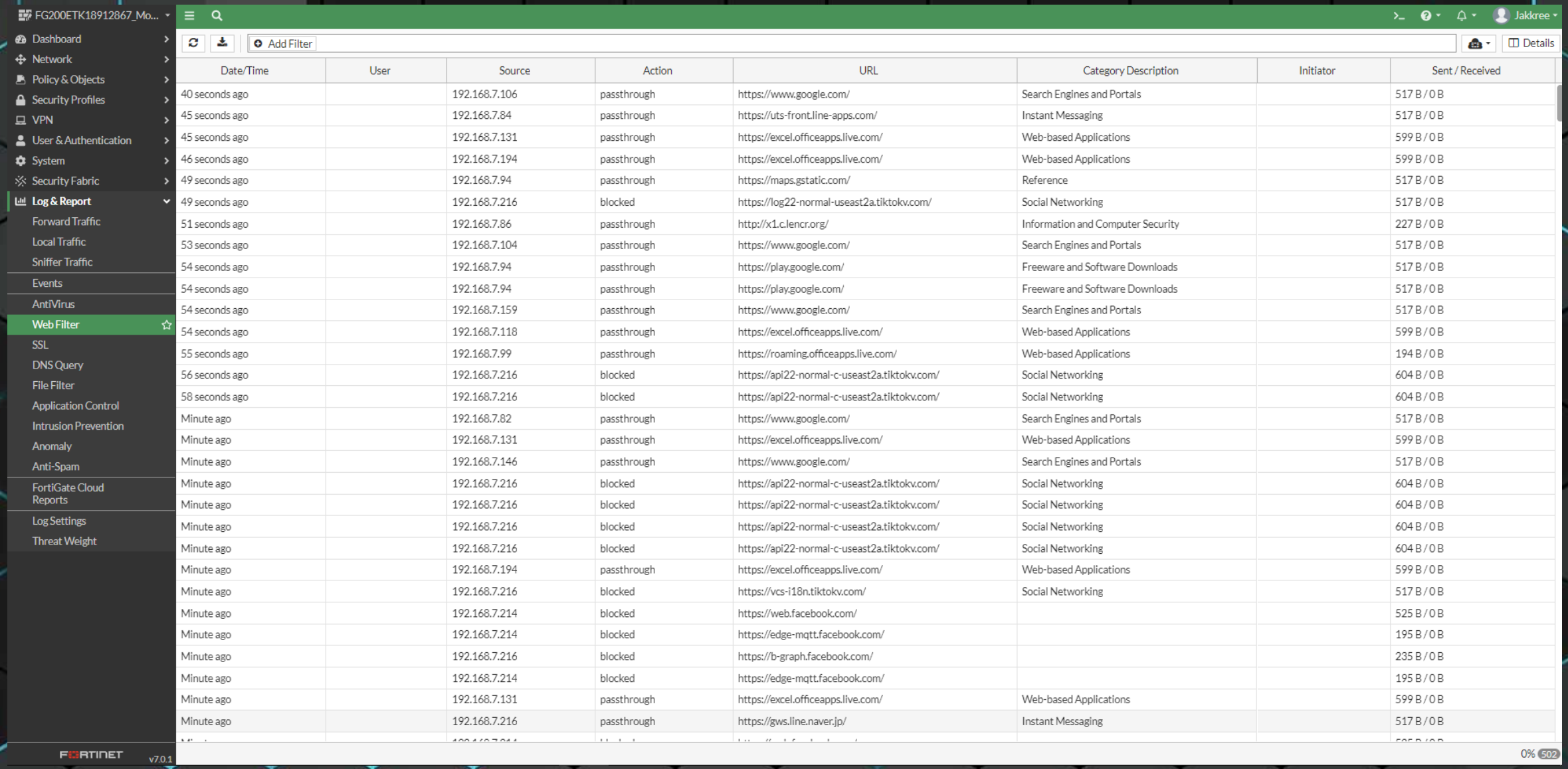
8.Log & Report
- Events ทำหน้าที่เก็บ Log ต่างๆ



8.Log & Report
- Antivirus ทำหน้าที่แสดงสถานะ Antivirus



8.Log & Report
- Web Filter ทำหน้าที่แสดงสถานะ Web Filter



Date/Time	User	Source	Action	URL	Category Description	Initiator	Sent / Received
40 seconds ago		192.168.7.106	passthrough	https://www.google.com/	Search Engines and Portals		517 B / 0 B
45 seconds ago		192.168.7.84	passthrough	https://uts-front.line-apps.com/	Instant Messaging		517 B / 0 B
45 seconds ago		192.168.7.131	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
46 seconds ago		192.168.7.194	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
49 seconds ago		192.168.7.94	passthrough	https://maps.gstatic.com/	Reference		517 B / 0 B
49 seconds ago		192.168.7.216	blocked	https://log22-normal-useast2a.tiktokv.com/	Social Networking		517 B / 0 B
51 seconds ago		192.168.7.86	passthrough	http://x1.c.lencr.org/	Information and Computer Security		227 B / 0 B
53 seconds ago		192.168.7.104	passthrough	https://www.google.com/	Search Engines and Portals		517 B / 0 B
54 seconds ago		192.168.7.94	passthrough	https://play.google.com/	Freeware and Software Downloads		517 B / 0 B
54 seconds ago		192.168.7.94	passthrough	https://play.google.com/	Freeware and Software Downloads		517 B / 0 B
54 seconds ago		192.168.7.159	passthrough	https://www.google.com/	Search Engines and Portals		517 B / 0 B
54 seconds ago		192.168.7.118	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
55 seconds ago		192.168.7.99	passthrough	https://roaming.officeapps.live.com/	Web-based Applications		194 B / 0 B
56 seconds ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
58 seconds ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
Minute ago		192.168.7.82	passthrough	https://www.google.com/	Search Engines and Portals		517 B / 0 B
Minute ago		192.168.7.131	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
Minute ago		192.168.7.146	passthrough	https://www.google.com/	Search Engines and Portals		517 B / 0 B
Minute ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
Minute ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
Minute ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
Minute ago		192.168.7.216	blocked	https://api22-normal-c-useast2a.tiktokv.com/	Social Networking		604 B / 0 B
Minute ago		192.168.7.194	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
Minute ago		192.168.7.216	blocked	https://vcs-i18n.tiktokv.com/	Social Networking		517 B / 0 B
Minute ago		192.168.7.214	blocked	https://web.facebook.com/			525 B / 0 B
Minute ago		192.168.7.214	blocked	https://edge-mqtt.facebook.com/			195 B / 0 B
Minute ago		192.168.7.216	blocked	https://b-graph.facebook.com/			235 B / 0 B
Minute ago		192.168.7.214	blocked	https://edge-mqtt.facebook.com/			195 B / 0 B
Minute ago		192.168.7.131	passthrough	https://excel.officeapps.live.com/	Web-based Applications		599 B / 0 B
Minute ago		192.168.7.216	passthrough	https://gws.line.naver.jp/	Instant Messaging		517 B / 0 B

8.Log & Report
- SSL ทำหน้าที่แสดงสถานะ SSL

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report
  - Forward Traffic
  - Local Traffic
  - Sniffer Traffic
  - Events
  - AntiVirus
  - Web Filter
  - SSL
  - DNS Query
  - File Filter
  - Application Control
  - Intrusion Prevention
  - Anomaly
  - Anti-Spam
  - FortiGate Cloud Reports
  - Log Settings
  - Threat Weight

Jakkree

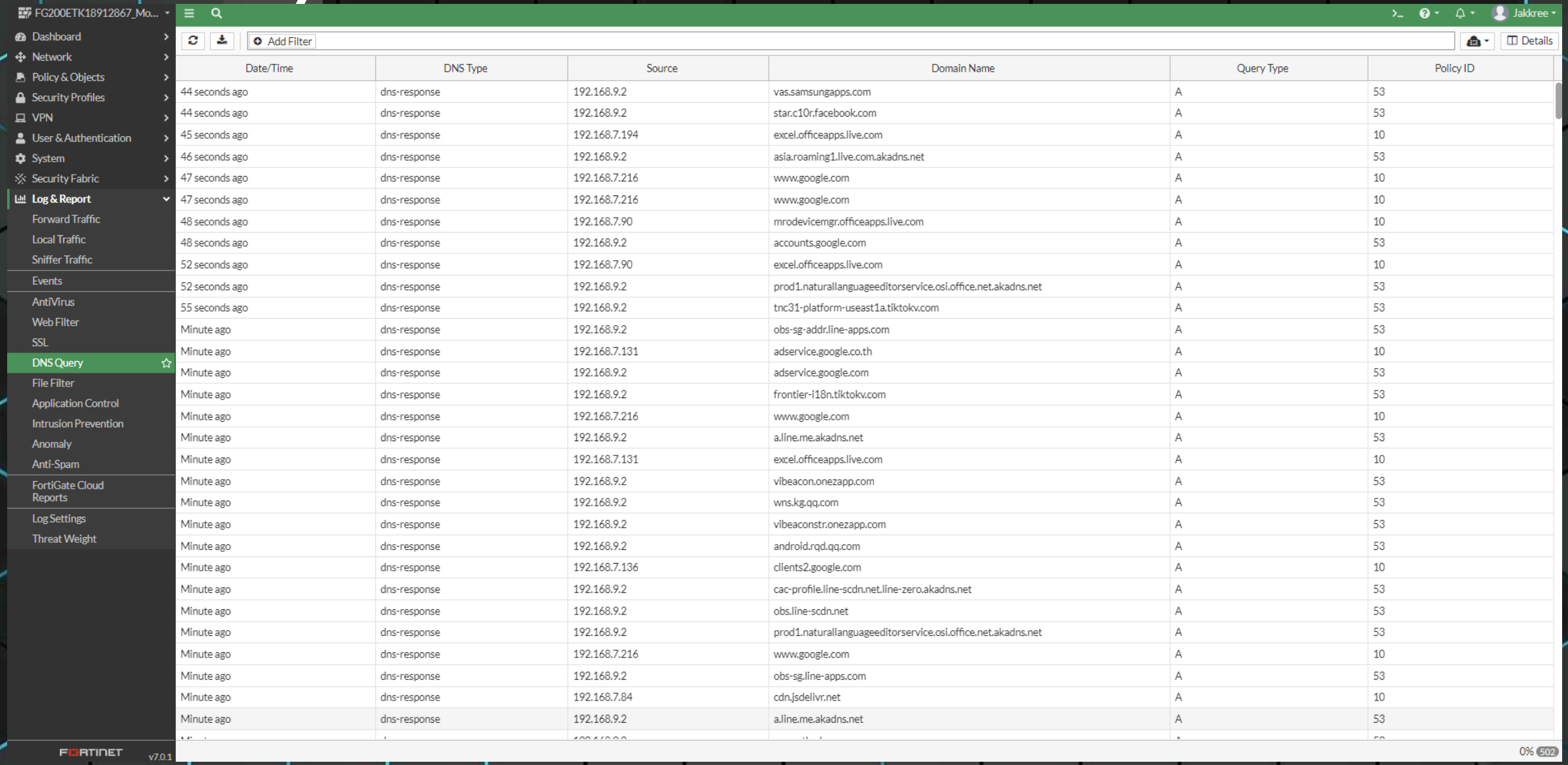
Add Filter | Details

Date/Time	Action	Service	Source	Source Interface	Destination	Destination Interface
37 seconds ago		HTTPS	192.168.7.110	LAN (port1)	40.119.249.228 (settings-prod-sea-2.southeastasia.cloudapp.azure.com)	WAN_2_TRUE (port2)
38 seconds ago		HTTPS	192.168.7.136	LAN (port1)	40.64.66.113 (tsfe.trafficmanager.net)	WAN_1_SYMC (wan2)
39 seconds ago		HTTPS	192.168.7.128	LAN (port1)	40.119.249.228 (settings-prod-sea-2.southeastasia.cloudapp.azure.com)	WAN_1_SYMC (wan2)
39 seconds ago		HTTPS	192.168.7.113	LAN (port1)	52.182.143.210 (v10-win.vortex.data.trafficmanager.net)	WAN_2_TRUE (port2)
40 seconds ago		HTTPS	192.168.7.214	LAN (port1)	208.91.112.55 (fortinet-block-page-55.fortinet.com)	WAN_1_SYMC (wan2)
42 seconds ago		HTTPS	192.168.7.120	LAN (port1)	20.54.24.231 (geo.prod.do.dsp.trafficmanager.net)	WAN_1_SYMC (wan2)
44 seconds ago		HTTPS	192.168.7.214	LAN (port1)	208.91.112.55 (fortinet-block-page-55.fortinet.com)	WAN_1_SYMC (wan2)
47 seconds ago		HTTPS	192.168.7.214	LAN (port1)	208.91.112.55 (fortinet-block-page-55.fortinet.com)	WAN_2_TRUE (port2)
47 seconds ago		HTTPS	192.168.9.12	LAN (port1)	13.71.55.58 (settings-prod-cin-2.centralindia.cloudapp.azure.com)	WAN_1_SYMC (wan2)
49 seconds ago		HTTPS	192.168.7.137	LAN (port1)	20.189.173.15 (v10.vortex-win.data.microsoft.com)	WAN_1_SYMC (wan2)
49 seconds ago		HTTPS	192.168.7.129	LAN (port1)	13.71.55.58 (settings-prod-cin-2.centralindia.cloudapp.azure.com)	WAN_1_SYMC (wan2)
51 seconds ago		HTTPS	192.168.7.142	LAN (port1)	51.104.167.48 (array606.prod.do.dsp.mp.microsoft.com)	WAN_2_TRUE (port2)
53 seconds ago		HTTPS	192.168.7.169	LAN (port1)	20.54.24.148 (array612.prod.do.dsp.mp.microsoft.com)	WAN_2_TRUE (port2)
54 seconds ago		HTTPS	192.168.7.214	LAN (port1)	208.91.112.55 (fortinet-block-page-55.fortinet.com)	WAN_2_TRUE (port2)
54 seconds ago		HTTPS	192.168.7.97	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_1_SYMC (wan2)
57 seconds ago		HTTPS	192.168.7.136	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_2_TRUE (port2)
57 seconds ago		HTTPS	192.168.7.136	LAN (port1)	40.77.2.164 (glb.cws.prod.dcat.dsp.trafficmanager.net)	WAN_1_SYMC (wan2)
57 seconds ago		HTTPS	192.168.7.136	LAN (port1)	20.54.24.69 (array610.prod.do.dsp.mp.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.136	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.136	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_1_SYMC (wan2)
Minute ago		HTTPS	192.168.7.173	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.136	LAN (port1)	40.64.66.113 (tsfe.trafficmanager.net)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.173	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.9.4	LAN (port1)	40.79.197.35 (v10.vortex-win.data.microsoft.com)	WAN_2_TRUE (port2)
Minute ago	Blocked	HTTPS	192.168.7.164	LAN (port1)	143.92.85.2 (dem.shopee.com)	WAN_1_SYMC (wan2)
Minute ago	Blocked	HTTPS	192.168.7.164	LAN (port1)	143.92.85.2 (dem.shopee.com)	WAN_1_SYMC (wan2)
Minute ago		HTTPS	192.168.7.110	LAN (port1)	20.54.24.148 (array612.prod.do.dsp.mp.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.124	LAN (port1)	13.71.55.58 (settings-prod-cin-2.centralindia.cloudapp.azure.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.136	LAN (port1)	13.69.109.130 (browser.events.data.microsoft.com)	WAN_2_TRUE (port2)
Minute ago		HTTPS	192.168.7.136	LAN (port1)	20.191.46.109 (array601.prod.do.dsp.mp.microsoft.com)	WAN_1_SYMC (wan2)

0% 502

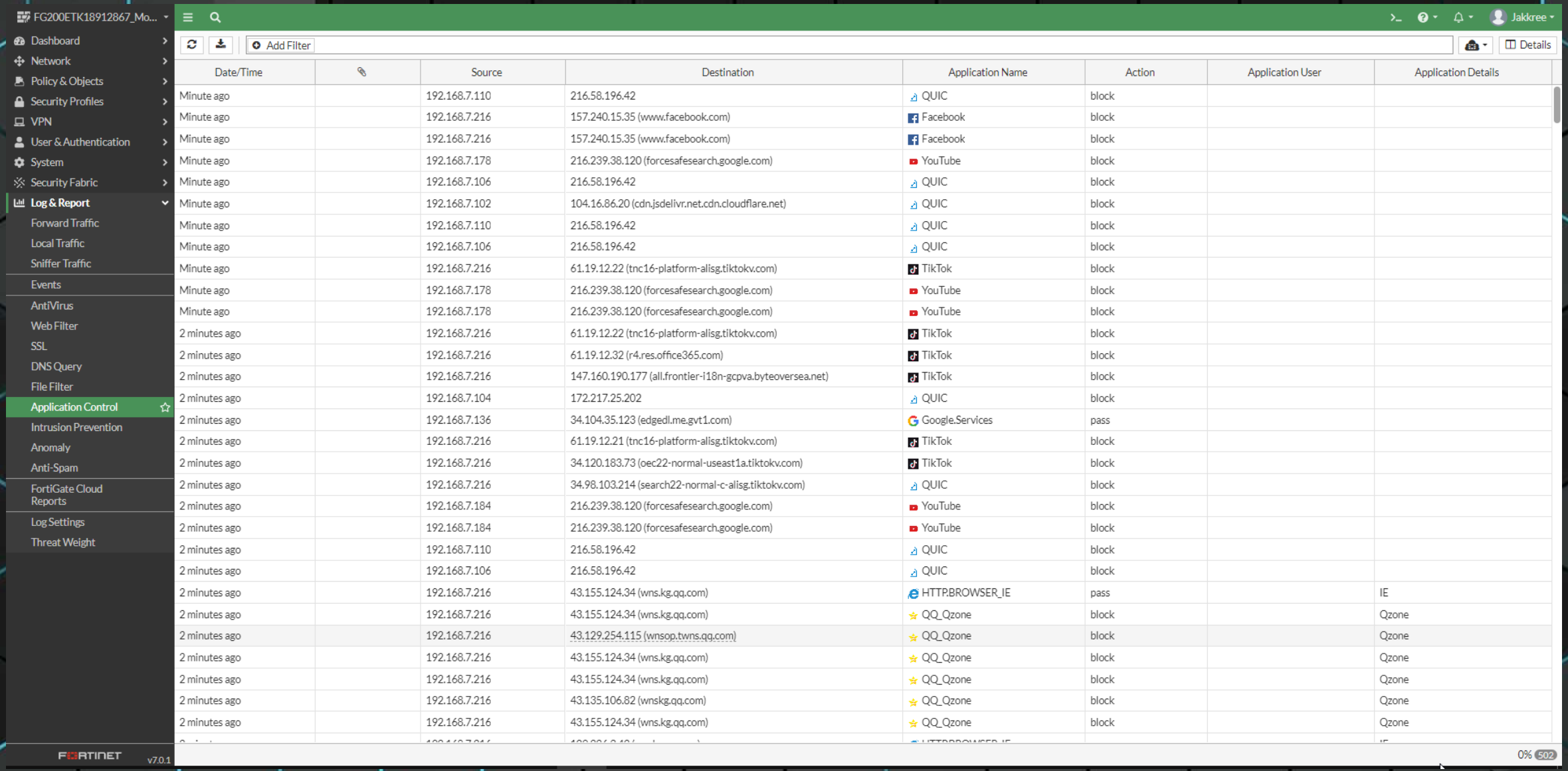
FORTINET v7.0.1

8.Log & Report
- DNS Query ทำหน้าที่แสดงสถานะ Antivirus



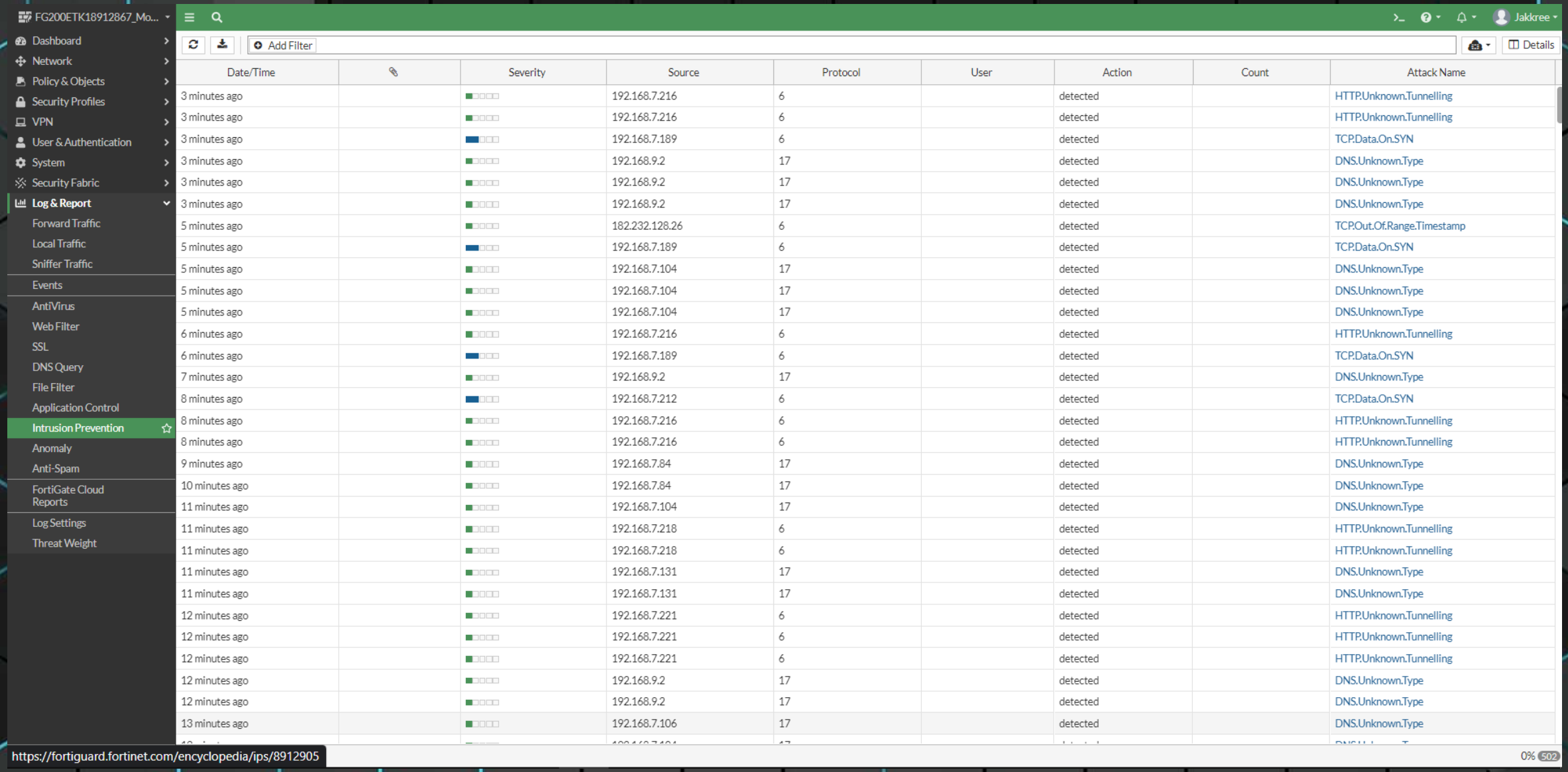
Date/Time	DNS Type	Source	Domain Name	Query Type	Policy ID
44 seconds ago	dns-response	192.168.9.2	vas.samsungapps.com	A	53
44 seconds ago	dns-response	192.168.9.2	star.c10r.facebook.com	A	53
45 seconds ago	dns-response	192.168.7.194	excel.officeapps.live.com	A	10
46 seconds ago	dns-response	192.168.9.2	asia.roaming1.live.com.akadns.net	A	53
47 seconds ago	dns-response	192.168.7.216	www.google.com	A	10
47 seconds ago	dns-response	192.168.7.216	www.google.com	A	10
48 seconds ago	dns-response	192.168.7.90	mrodevicemgr.officeapps.live.com	A	10
48 seconds ago	dns-response	192.168.9.2	accounts.google.com	A	53
52 seconds ago	dns-response	192.168.7.90	excel.officeapps.live.com	A	10
52 seconds ago	dns-response	192.168.9.2	prod1.naturallanguageeditorservice.osi.office.net.akadns.net	A	53
55 seconds ago	dns-response	192.168.9.2	tnc31-platform-useast1a.tiktokv.com	A	53
Minute ago	dns-response	192.168.9.2	obs-sg-addr.line-apps.com	A	53
Minute ago	dns-response	192.168.7.131	adservice.google.co.th	A	10
Minute ago	dns-response	192.168.9.2	adservice.google.com	A	53
Minute ago	dns-response	192.168.9.2	frontier-i18n.tiktokv.com	A	53
Minute ago	dns-response	192.168.7.216	www.google.com	A	10
Minute ago	dns-response	192.168.9.2	a.line.me.akadns.net	A	53
Minute ago	dns-response	192.168.7.131	excel.officeapps.live.com	A	10
Minute ago	dns-response	192.168.9.2	vibeacon.onezapp.com	A	53
Minute ago	dns-response	192.168.9.2	wns.kg.qq.com	A	53
Minute ago	dns-response	192.168.9.2	vibeaconstr.onezapp.com	A	53
Minute ago	dns-response	192.168.9.2	android.rqd.qq.com	A	53
Minute ago	dns-response	192.168.7.136	clients2.google.com	A	10
Minute ago	dns-response	192.168.9.2	cac-profile.line-scdn.net.line-zero.akadns.net	A	53
Minute ago	dns-response	192.168.9.2	obs.line-scdn.net	A	53
Minute ago	dns-response	192.168.9.2	prod1.naturallanguageeditorservice.osi.office.net.akadns.net	A	53
Minute ago	dns-response	192.168.7.216	www.google.com	A	10
Minute ago	dns-response	192.168.9.2	obs-sg.line-apps.com	A	53
Minute ago	dns-response	192.168.7.84	cdn.jsdelivr.net	A	10
Minute ago	dns-response	192.168.9.2	a.line.me.akadns.net	A	53

8.Log & Report
- Application Control ทำหน้าที่แสดงสถานะ Application



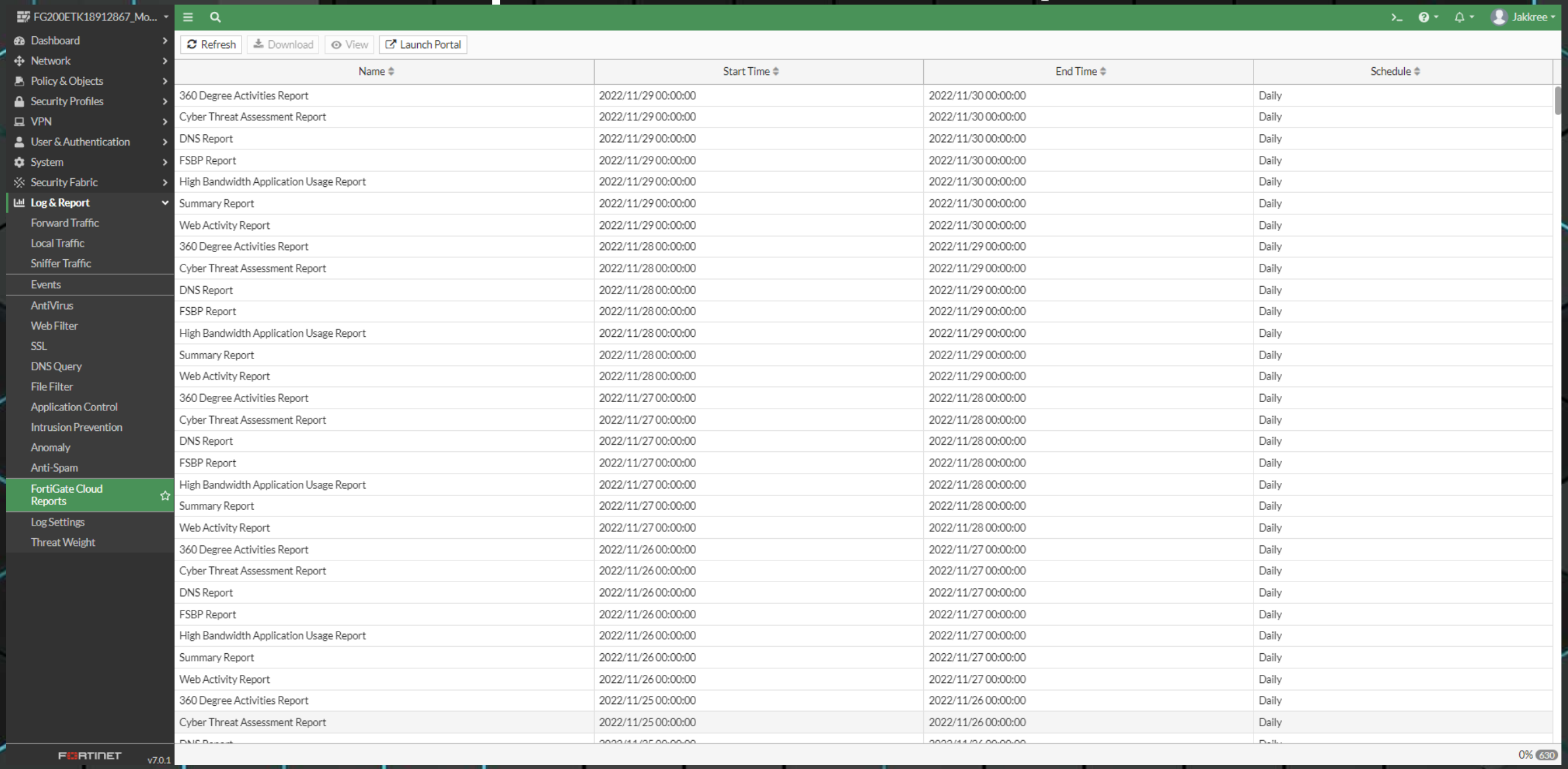
Date/Time		Source	Destination	Application Name	Action	Application User	Application Details
Minute ago		192.168.7.110	216.58.196.42	QUIC	block		
Minute ago		192.168.7.216	157.240.15.35 (www.facebook.com)	Facebook	block		
Minute ago		192.168.7.216	157.240.15.35 (www.facebook.com)	Facebook	block		
Minute ago		192.168.7.178	216.239.38.120 (forcesafesearch.google.com)	YouTube	block		
Minute ago		192.168.7.106	216.58.196.42	QUIC	block		
Minute ago		192.168.7.102	104.16.86.20 (cdn.jsdelivr.net.cdn.cloudflare.net)	QUIC	block		
Minute ago		192.168.7.110	216.58.196.42	QUIC	block		
Minute ago		192.168.7.106	216.58.196.42	QUIC	block		
Minute ago		192.168.7.216	61.19.12.22 (tnc16-platform-alisg.tiktokv.com)	TikTok	block		
Minute ago		192.168.7.178	216.239.38.120 (forcesafesearch.google.com)	YouTube	block		
Minute ago		192.168.7.178	216.239.38.120 (forcesafesearch.google.com)	YouTube	block		
2 minutes ago		192.168.7.216	61.19.12.22 (tnc16-platform-alisg.tiktokv.com)	TikTok	block		
2 minutes ago		192.168.7.216	61.19.12.32 (r4.res.office365.com)	TikTok	block		
2 minutes ago		192.168.7.216	147.160.190.177 (all.frontier-i18n-gcpva.byteoversea.net)	TikTok	block		
2 minutes ago		192.168.7.104	172.217.25.202	QUIC	block		
2 minutes ago		192.168.7.136	34.104.35.123 (edgedl.me.gvt1.com)	Google.Services	pass		
2 minutes ago		192.168.7.216	61.19.12.21 (tnc16-platform-alisg.tiktokv.com)	TikTok	block		
2 minutes ago		192.168.7.216	34.120.183.73 (oec22-normal-useast1a.tiktokv.com)	TikTok	block		
2 minutes ago		192.168.7.216	34.98.103.214 (search22-normal-c-alisg.tiktokv.com)	QUIC	block		
2 minutes ago		192.168.7.184	216.239.38.120 (forcesafesearch.google.com)	YouTube	block		
2 minutes ago		192.168.7.184	216.239.38.120 (forcesafesearch.google.com)	YouTube	block		
2 minutes ago		192.168.7.110	216.58.196.42	QUIC	block		
2 minutes ago		192.168.7.106	216.58.196.42	QUIC	block		
2 minutes ago		192.168.7.216	43.155.124.34 (wns.kg.qq.com)	HTTP.BROWSER_IE	pass		IE
2 minutes ago		192.168.7.216	43.155.124.34 (wns.kg.qq.com)	QQ_Qzone	block		Qzone
2 minutes ago		192.168.7.216	43.129.254.115 (wnsop.twns.qq.com)	QQ_Qzone	block		Qzone
2 minutes ago		192.168.7.216	43.155.124.34 (wns.kg.qq.com)	QQ_Qzone	block		Qzone
2 minutes ago		192.168.7.216	43.155.124.34 (wns.kg.qq.com)	QQ_Qzone	block		Qzone
2 minutes ago		192.168.7.216	43.135.106.82 (wnskg.qq.com)	QQ_Qzone	block		Qzone
2 minutes ago		192.168.7.216	43.155.124.34 (wns.kg.qq.com)	QQ_Qzone	block		Qzone

8.Log & Report
- Intrusion Prevention ทำหน้าที่แสดงสถานะ Intrusion Prevention



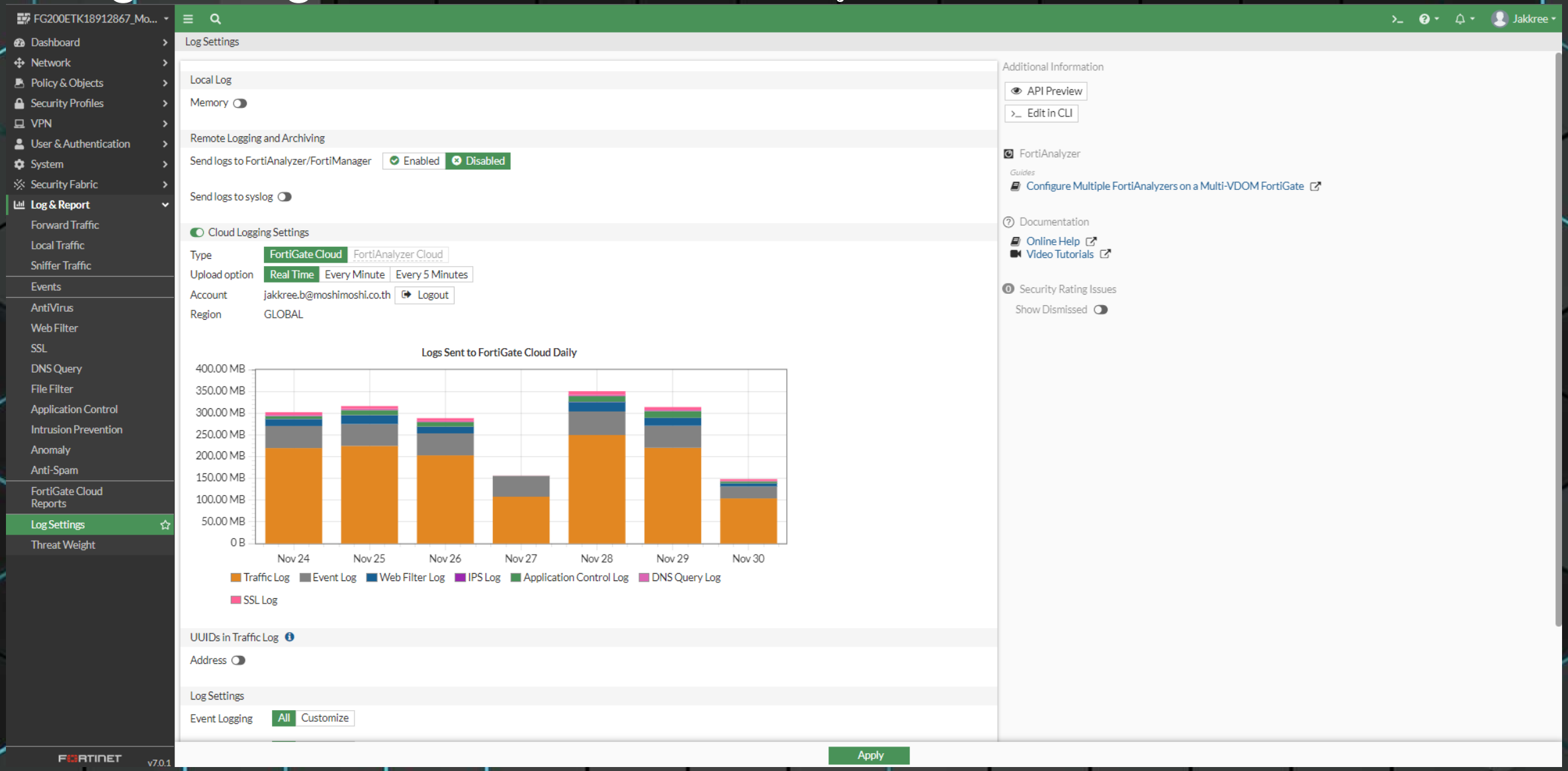
Date/Time		Severity	Source	Protocol	User	Action	Count	Attack Name
3 minutes ago			192.168.7.216	6		detected		HTTP.Unknown.Tunnelling
3 minutes ago			192.168.7.216	6		detected		HTTP.Unknown.Tunnelling
3 minutes ago			192.168.7.189	6		detected		TCP.Data.On.SYN
3 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
3 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
3 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
5 minutes ago			182.232.128.26	6		detected		TCP.Out.Of.Range.Timestamp
5 minutes ago			192.168.7.189	6		detected		TCP.Data.On.SYN
5 minutes ago			192.168.7.104	17		detected		DNS.Unknown.Type
5 minutes ago			192.168.7.104	17		detected		DNS.Unknown.Type
5 minutes ago			192.168.7.104	17		detected		DNS.Unknown.Type
6 minutes ago			192.168.7.216	6		detected		HTTP.Unknown.Tunnelling
6 minutes ago			192.168.7.189	6		detected		TCP.Data.On.SYN
7 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
8 minutes ago			192.168.7.212	6		detected		TCP.Data.On.SYN
8 minutes ago			192.168.7.216	6		detected		HTTP.Unknown.Tunnelling
8 minutes ago			192.168.7.216	6		detected		HTTP.Unknown.Tunnelling
9 minutes ago			192.168.7.84	17		detected		DNS.Unknown.Type
10 minutes ago			192.168.7.84	17		detected		DNS.Unknown.Type
11 minutes ago			192.168.7.104	17		detected		DNS.Unknown.Type
11 minutes ago			192.168.7.218	6		detected		HTTP.Unknown.Tunnelling
11 minutes ago			192.168.7.218	6		detected		HTTP.Unknown.Tunnelling
11 minutes ago			192.168.7.131	17		detected		DNS.Unknown.Type
11 minutes ago			192.168.7.131	17		detected		DNS.Unknown.Type
12 minutes ago			192.168.7.221	6		detected		HTTP.Unknown.Tunnelling
12 minutes ago			192.168.7.221	6		detected		HTTP.Unknown.Tunnelling
12 minutes ago			192.168.7.221	6		detected		HTTP.Unknown.Tunnelling
12 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
12 minutes ago			192.168.9.2	17		detected		DNS.Unknown.Type
13 minutes ago			192.168.7.106	17		detected		DNS.Unknown.Type

8.Log & Report
- FortiGate Cloud Reports ทำหน้าที่แสดงสถานการณ์ส่ง report



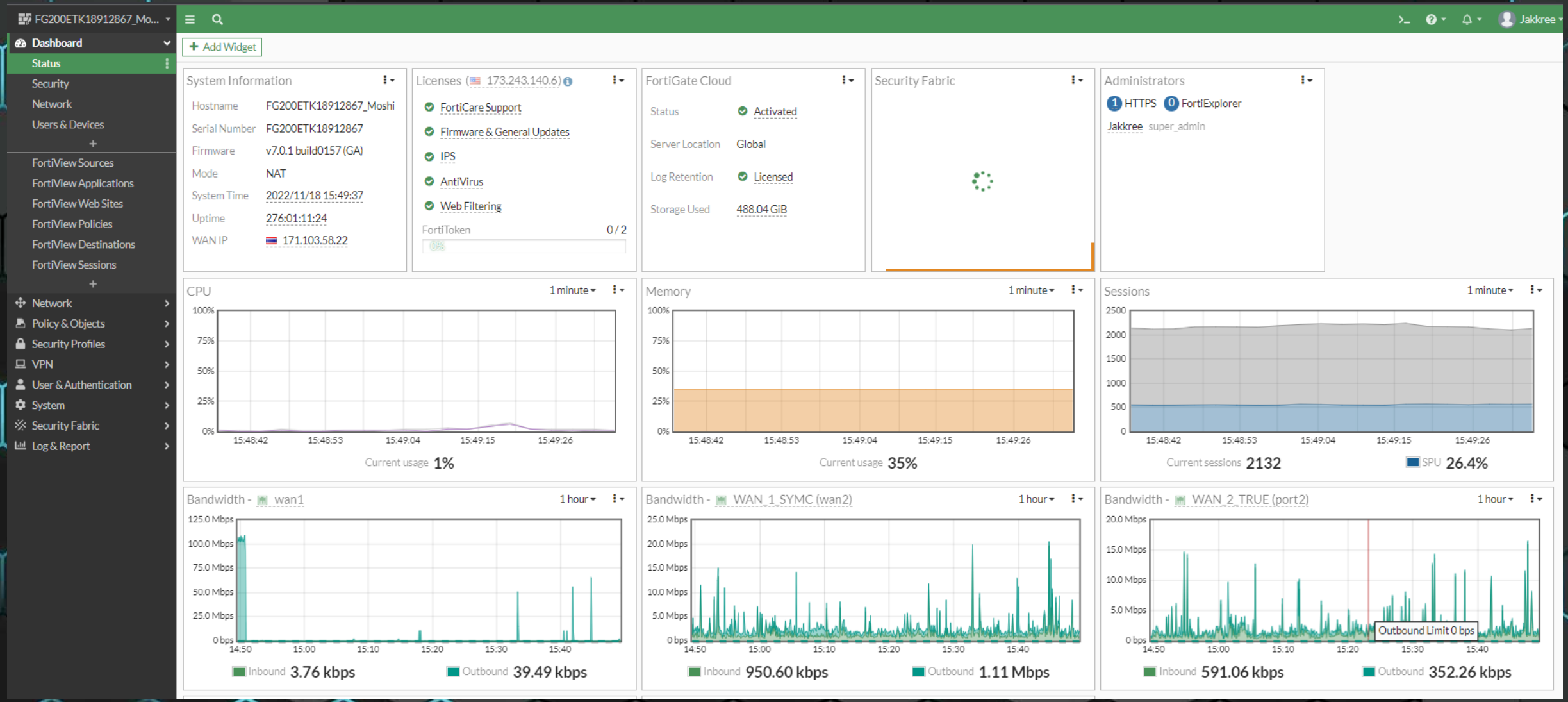
Name	Start Time	End Time	Schedule
360 Degree Activities Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
Cyber Threat Assessment Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
DNS Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
FSBP Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
High Bandwidth Application Usage Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
Summary Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
Web Activity Report	2022/11/29 00:00:00	2022/11/30 00:00:00	Daily
360 Degree Activities Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
Cyber Threat Assessment Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
DNS Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
FSBP Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
High Bandwidth Application Usage Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
Summary Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
Web Activity Report	2022/11/28 00:00:00	2022/11/29 00:00:00	Daily
360 Degree Activities Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
Cyber Threat Assessment Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
DNS Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
FSBP Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
High Bandwidth Application Usage Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
Summary Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
Web Activity Report	2022/11/27 00:00:00	2022/11/28 00:00:00	Daily
360 Degree Activities Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
Cyber Threat Assessment Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
DNS Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
FSBP Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
High Bandwidth Application Usage Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
Summary Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
Web Activity Report	2022/11/26 00:00:00	2022/11/27 00:00:00	Daily
360 Degree Activities Report	2022/11/25 00:00:00	2022/11/26 00:00:00	Daily
Cyber Threat Assessment Report	2022/11/25 00:00:00	2022/11/26 00:00:00	Daily

8.Log & Report
- Log Settings ทำหน้าที่แสดงสถานการณ์รับ-ส่งข้อมูลไป Forti Cloud



Monitoring System (WH)

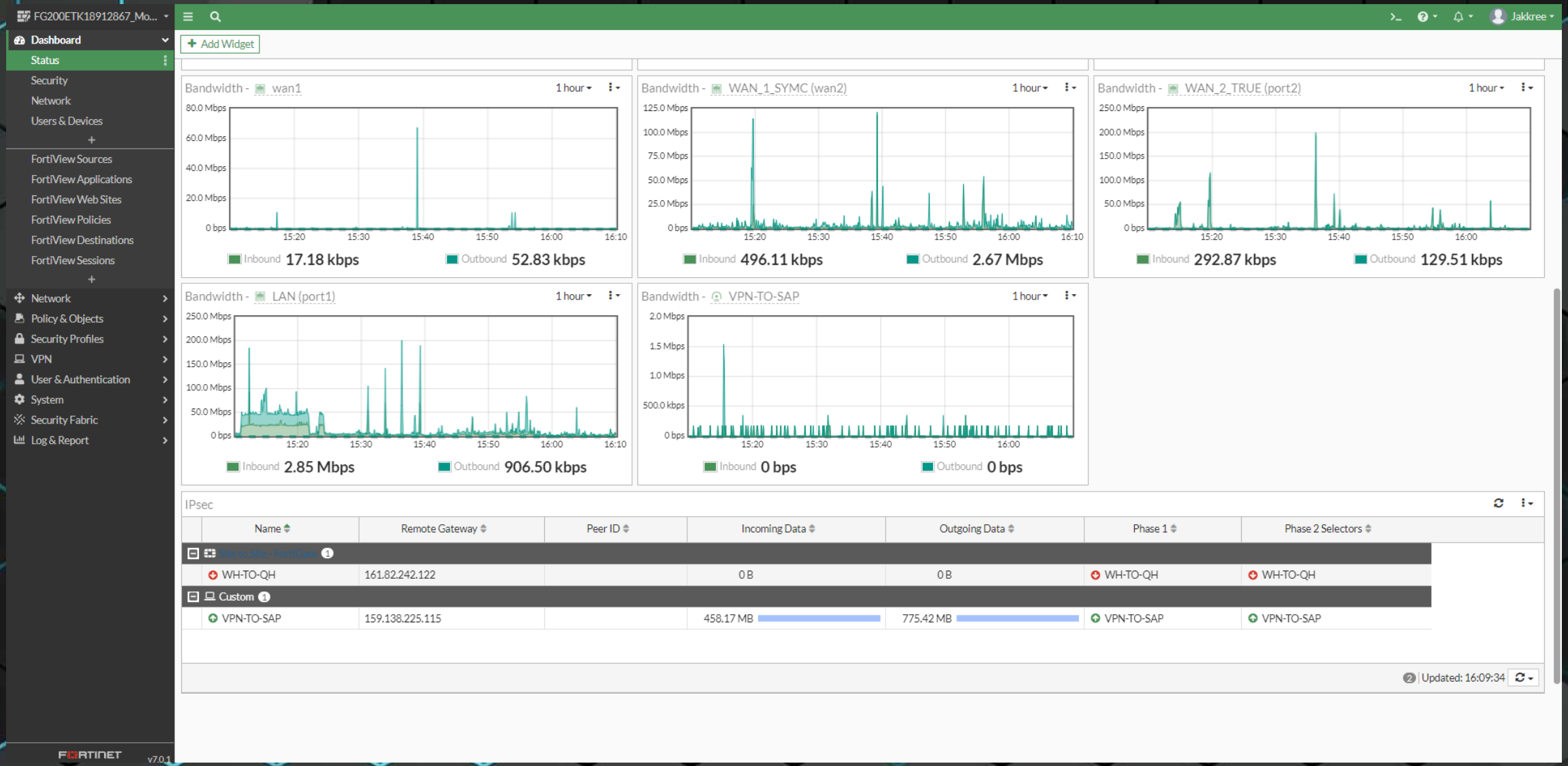
Performance
- CPU / Memory / Sessions



Monitoring System

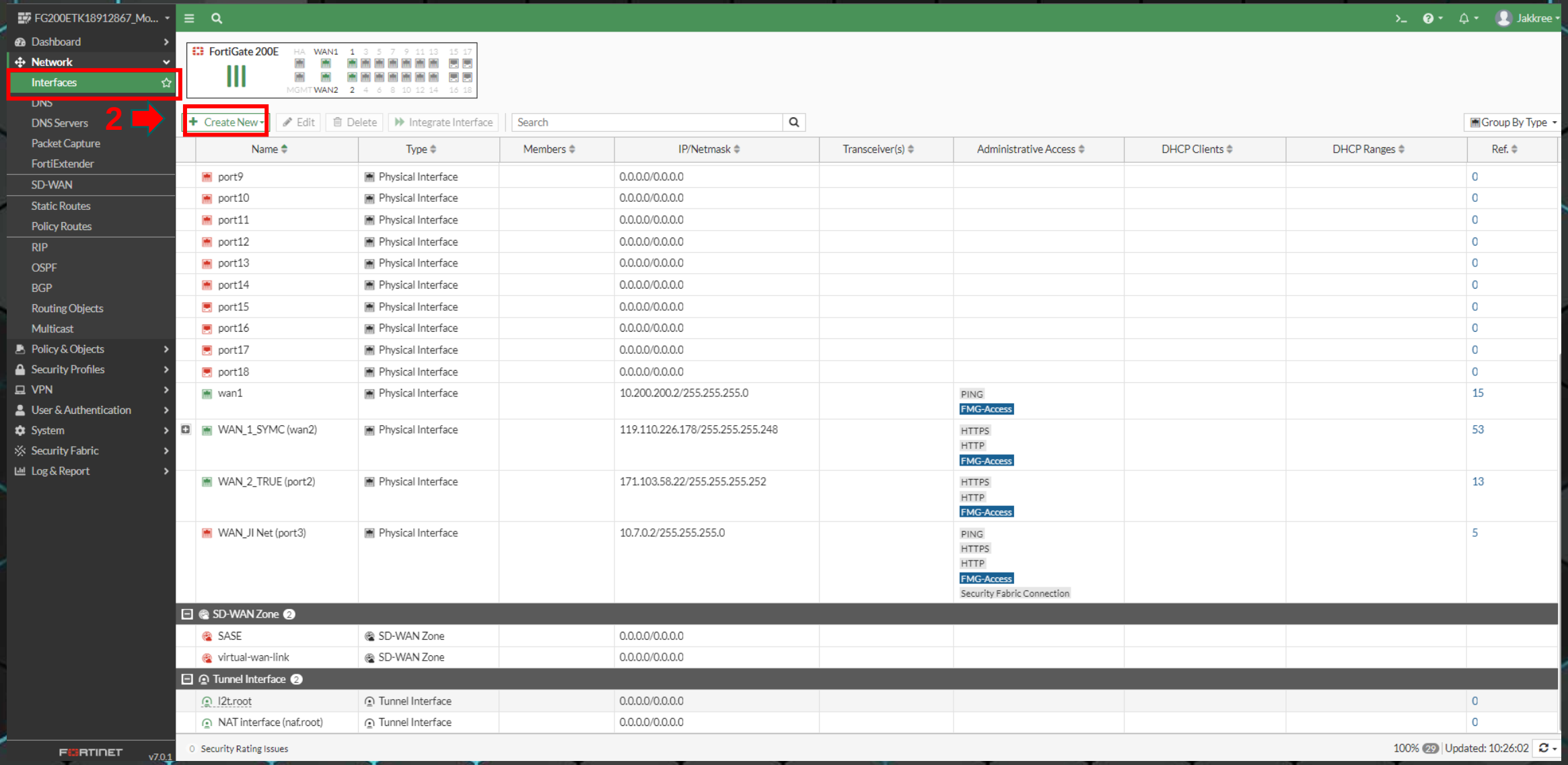
Wan & Lan

- Wan / Wan_1 / Wan_2 / Lan / VPN-TO-SAP / IPsec



Add Interfaces Wan Network (WH)

Interfaces Wan1 --> Create New



Set Name-->Alias-->Role-->Address-->Administrator Access

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

3

Jakkree

Edit Interface

Name: WAN_1_SYMC (wan2)
Alias: WAN_1_SYMC
Type: Physical Interface
VRF ID: 0
Role: WAN
Estimated bandwidth: 0 kbps Upstream, 0 kbps Downstream

Address

Addressing mode: Manual | DHCP | Auto-managed by FortiIPAM | PPPoE
IP/Netmask: 119.110.226.178/255.255.255.248
Secondary IP address

Administrative Access

IPv4: Speed Test, HTTPS, HTTP, PING, FMG-Access, SSH, SNMP, FTM, RADIUS Accounting, Security Fabric Connection
Receive LLDP: Use VDOM Setting | Enable | Disable
Transmit LLDP: Use VDOM Setting | Enable | Disable

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments: 0/255
Status: Enabled | Disabled

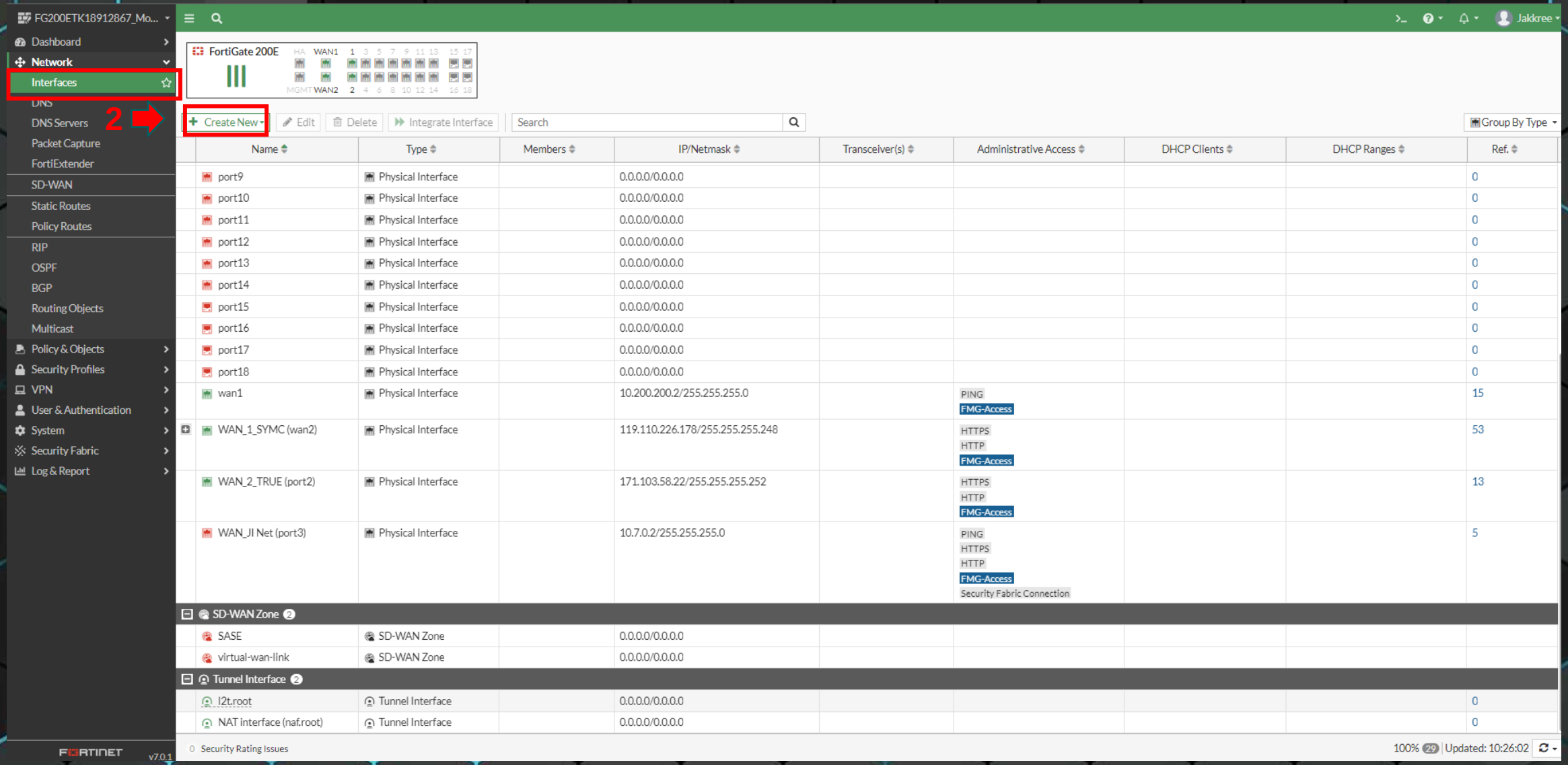
FortiGate: FG200ETK18912867_Moshi
Status: Up
MAC address: e8:1c:ba:32:ce:a3
Speed Test: Execute speed test
Additional Information: API Preview, References, Edit in CLI
Documentation: Online Help, Video Tutorials

OK Cancel

FORTINET v7.0.1

Add Interfaces Wan Network (WH)

Interfaces Wan2 --> Create New



Set Name-->Alias-->Role-->Address-->Administrator Access

FG200ETK18912867_Mo...

Dashboard
Network
Interfaces
DNS
DNS Servers
Packet Capture
FortiExtender
SD-WAN
Static Routes
Policy Routes
RIP
OSPF
BGP
Routing Objects
Multicast
Policy & Objects
Security Profiles
VPN
User & Authentication
System
Security Fabric
Log & Report

3

Jakkree

Edit Interface

Name: WAN_2_TRUE (port2)
Alias: WAN_2_TRUE
Type: Physical Interface
VRF ID: 0
Role: WAN
Estimated bandwidth: 0 kbps Upstream
0 kbps Downstream

Address
Addressing mode: Manual | DHCP | Auto-managed by FortiIPAM | PPPoE
IP/Netmask: 171.103.58.22/255.255.255.252
Secondary IP address

Administrative Access
IPv4: Speed Test, HTTPS, HTTP, PING, FMG-Access, SSH, SNMP, FTM, RADIUS Accounting, Security Fabric Connection
Receive LLDP: Use VDOM Setting | Enable | Disable
Transmit LLDP: Use VDOM Setting | Enable | Disable

Traffic Shaping
Outbound shaping profile

Miscellaneous
Comments: 0/255
Status: Enabled | Disabled

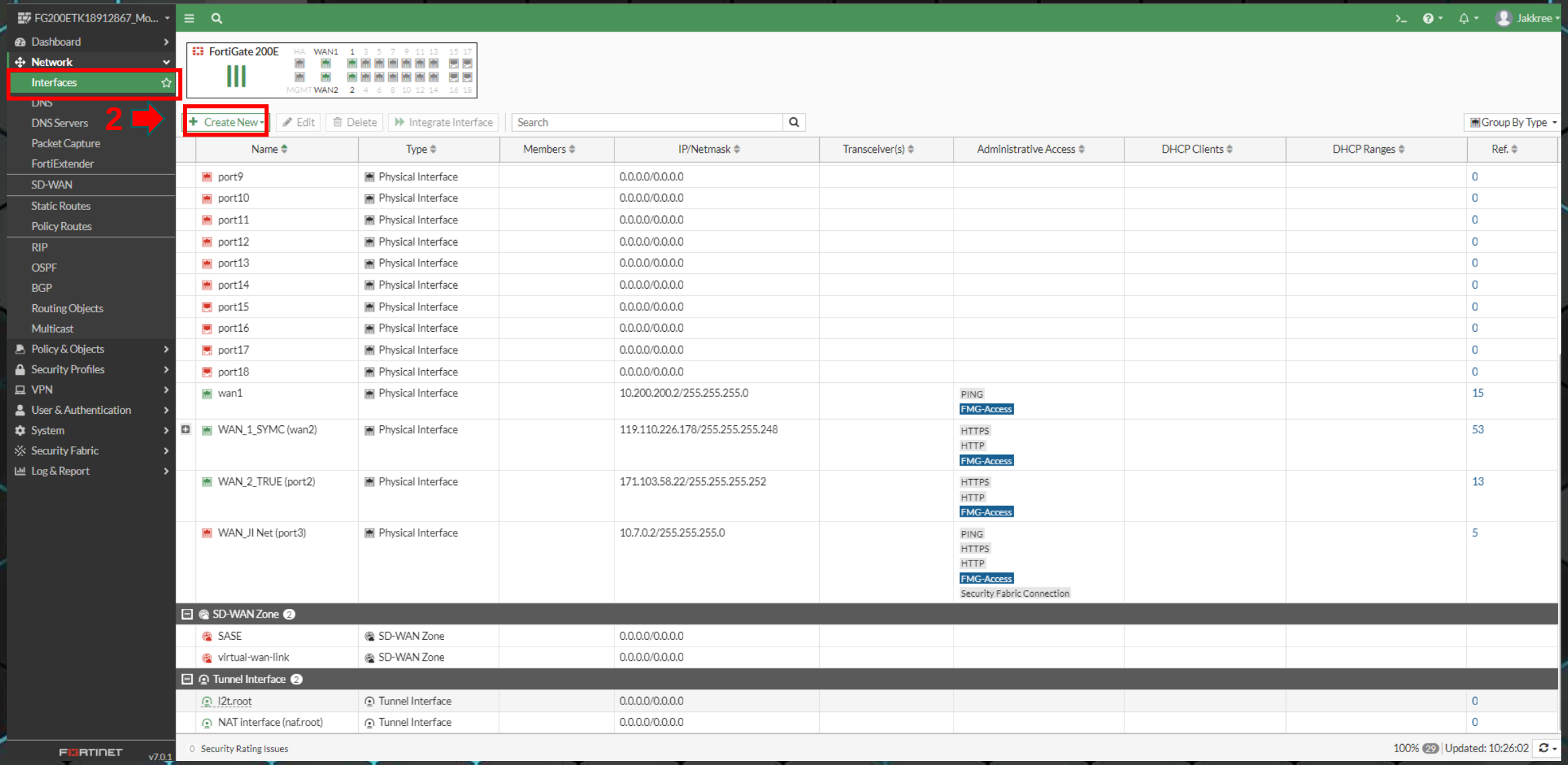
FortiGate: FG200ETK18912867_Moshi
Status: Up
MAC address: e8:1c:ba:32:ce:a5
Speed Test: Execute speed test
Additional Information: API Preview, References, Edit in CLI
Documentation: Online Help, Video Tutorials

OK Cancel

FORTINET v7.0.1

Add Interfaces Lan Network (WH)

Interfaces Lan --> Create New



Set Name-->Alias-->Role-->Address-->Administrator Access

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
- SD-WAN
- Static Routes
- Policy Routes
- RIP
- OSPF 3
- BGP
- Routing Objects
- Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

Jakkree

Edit Interface

Name: LAN (port1)
Alias: LAN
Type: Physical Interface
VRF ID: 0
Role: LAN

Address

Addressing mode: Manual | DHCP | Auto-managed by FortiIPAM | PPPoE
IP/Netmask: 192.168.7.1/255.255.254.0
Create address object matching subnet
Secondary IP address

Create New | Edit | Delete | Search

IP/Netmask	Administrative access
No results	

Administrative Access

IPv4
- [ ] Speed Test
- [x] HTTPS
- [x] HTTP
- [x] PING
- [ ] FMG-Access
- [ ] SSH
- [ ] SNMP
- [ ] FTM
- [ ] RADIUS Accounting
- [ ] Security Fabric Connection

Receive LLDP: Use VDOM Setting | Enable | Disable
Transmit LLDP: Use VDOM Setting | Enable | Disable

DHCP Server

DHCP status: Enabled | Disabled
Address range: 192.168.7.210-192.168.7.253
Netmask: 255.255.254.0
Default gateway: Same as Interface IP | Specify

FortiGate: FG200ETK18912867_Moshi

Active Administrator Sessions: 1 HTTPS

Status: Up

MAC address: e8:1c:ba:32:ce:a4

Additional Information
- API Preview
- References
- Edit in CLI

Documentation
- Online Help
- Video Tutorials

OK | Cancel

FORTINET v7.0.1

DHCP Server-->Address range-->Netmask-->DNS 1,2,3

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

3

Jakkree

Edit Interface

Administrative Access

IPv4: Speed Test, PING, SNMP, Security Fabric Connection, HTTPS, FMG-Access, FTM, HTTP, SSH, RADIUS Accounting

Receive LLDP: Use VDOM Setting | Enable | Disable

Transmit LLDP: Use VDOM Setting | Enable | Disable

DHCP Server

DHCP status: Enabled | Disabled

Address range: 192.168.7.210-192.168.7.253

Netmask: 255.255.254.0

Default gateway: Same as Interface IP | Specify

DNS server: Same as System DNS | Same as Interface IP | Specify

DNS server 1: 192.168.9.2

DNS server 2: 8.8.8.8

DNS server 3: 8.8.4.4

Lease time: 18000 second(s)

Advanced

Network

Device detection

Security mode

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments: 0/255

Status: Enabled | Disabled

FortiGate: FG200ETK18912867_Moshi

Active Administrator Sessions: 1 HTTPS

Status: Up

MAC address: e8:1c:ba:32:ce:a4

Additional Information: API Preview, References, Edit in CLI

Documentation: Online Help, Video Tutorials

OK | Cancel

FORTINET v7.0.1

Monitoring System (HQ)

Performance
- CPU / Memory / Sessions

FG100ETK19038455_Mo...

Dashboard
- Status
- Security
- Network
- Users & Devices
- FortiView Sources
- Top Threats
- Top System Events
- FortiView Destinations
- FortiView Applications
- FortiView Web Sites
- FortiView Policies
- FortiView Sessions
- FortiView Destination Interfaces

Network
Policy & Objects
Security Profiles
VPN
User & Authentication
System 1
Security Fabric
Log & Report

Jakkree

+ Add Widget

System Information

Hostname	FG100ETK19038455_Moshi
Serial Number	FG100ETK19038455
Firmware	v7.0.8 build0418 (Feature)
Mode	NAT
System Time	2023/06/27 14:22:16
Uptime	12:07:36:01
WAN IP	

v7.0.12 (Mature) available

Licenses (173.243.129.6)

- FortiCare Support
- Firmware & General Updates
- IPS
- AntiVirus
- Web Filtering

FortiToken 0 / 2

FortiGate Cloud

Status	Activated
Server Location	Global
Log Retention	Licensed
Storage Used	771.23 GiB

Security Fabric

FG100ETK19038455_Moshi

Security Fabric Connection is disabled.

Administrators

1 HTTPS 0 FortiExplorer

Jakkree super_admin

CPU 1 minute

100% 75% 50% 25% 0%

14:21:20 14:21:30 14:21:40 14:21:50 14:22:00 14:22:10

Current usage 8%

Memory 1 minute

100% 75% 50% 25% 0%

14:21:20 14:21:30 14:21:40 14:21:50 14:22:00 14:22:10

Current usage 51%

Sessions 1 minute

5,000 4,000 3,000 2,000 1,000 0

14:21:20 14:21:30 14:21:40 14:21:50 14:22:00 14:22:10

Current sessions 4,474 CPU 81.3% SPU 5.7% nTurbo 13.0%

Bandwidth - WAN_1_SYMC (wan2) 1 hour

80.0 Mbps 60.0 Mbps 40.0 Mbps 20.0 Mbps 0 bps

13:30 13:40 13:50 14:00 14:10 14:20

Inbound 25.41 Mbps Outbound 3.33 Mbps

Bandwidth - WAN_2_TRUE (port2) 1 hour

1 bps 0 bps

13:30 13:40 13:50 14:00 14:10 14:20

Inbound 0 bps Outbound 0 bps

Bandwidth - wan1 1 hour

2.5 Mbps 2.0 Mbps 1.5 Mbps 1.0 Mbps 500.0 kbps 0 bps

2023/06/27 13:56:41: 50.50 kbps

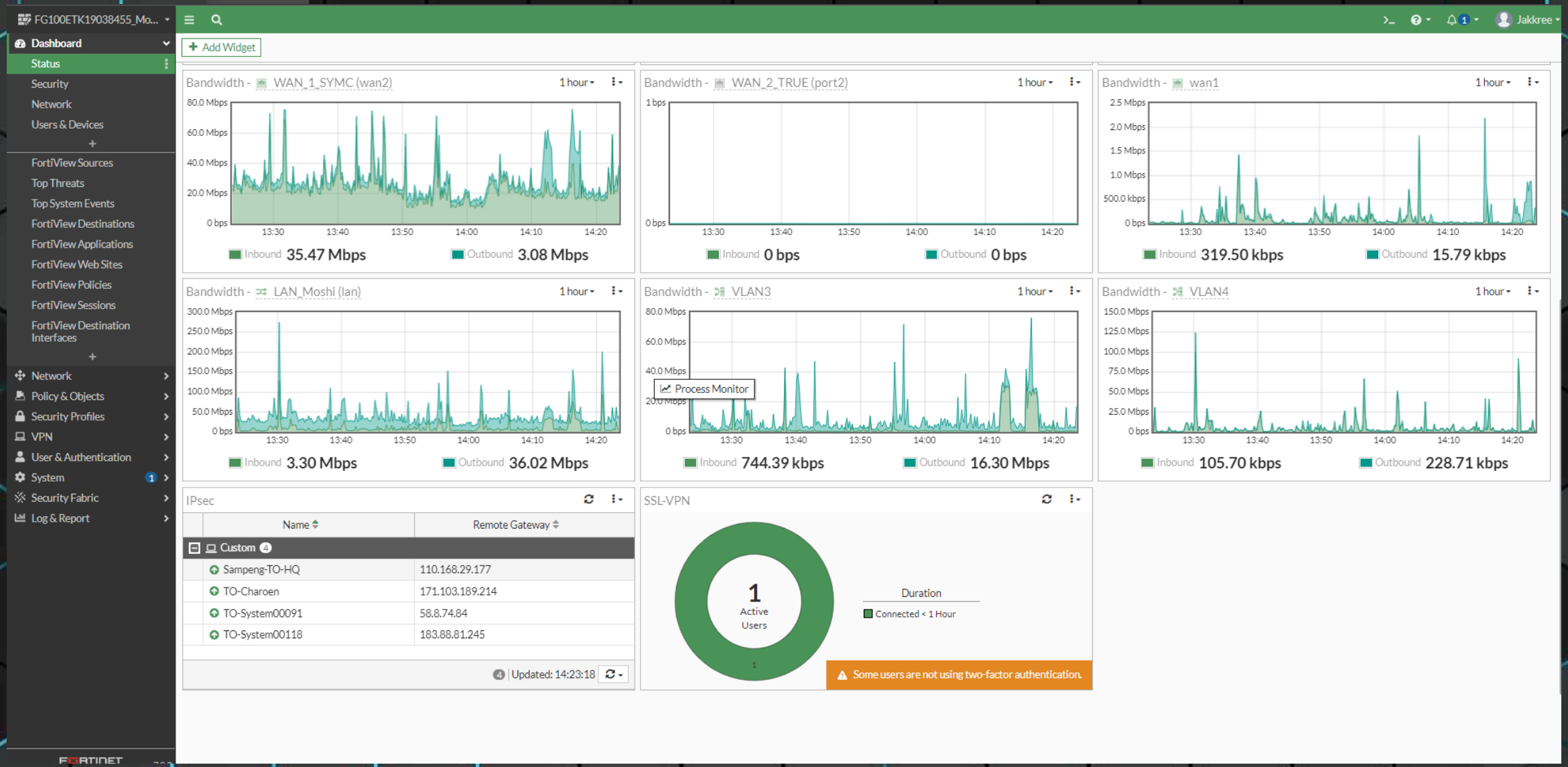
13:30 13:40 13:50 14:00 14:10 14:20

Inbound 43.10 kbps Outbound 411.06 kbps

Monitoring System

Wan & Lan

- Wan / Wan_1 / Wan_2 / Lan / VPN-TO-SAP / IPsec



Add Interfaces Wan Network (HQ)

Interfaces Wan1 --> Create New

FG100ETK19038455_Mo...

- Dashboard
- Network
  - 1 Interfaces
  - DNS
  - DNS Servers
  - 2
  - Packet Capture
  - FortiExtenders
- SD-WAN
- Static Routes
- Policy Routes
- RIP
- OSPF
- BGP
- Routing Objects
- Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System 1
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

FortiGate 100E

DMZ WAN1 HA1 1 3 5 7 9 11 13 15
MGMT WAN2 HA2 2 4 6 8 10 12 14 16

+ Create New | Edit | Delete | Integrate Interface | Search | Group By Type

Name	Type	Members	IP/Netmask	Transceiver(s)	Administrative Access	DHCP Clients	DHCP Ranges	Ref.
Hardware Switch 4								
LAN_Moshi (lan)	Hardware Switch	port1 port3 port4 port5 +10	192.168.2.1/255.255.255.0		PING HTTPS SSH SNMP +2	48	192.168.2.100-192.168.2.105	91
Physical Interface 12								
dmz	Physical Interface		10.10.10.1/255.255.255.0		PING HTTPS HTTP FMG-Access Security Fabric Connection			0
ha1	Physical Interface		0.0.0.0/0.0.0.0					0
ha2	Physical Interface		0.0.0.0/0.0.0.0					0
mgmt	Physical Interface		192.168.0.99/255.255.255.0		PING HTTPS SSH HTTP FMG-Access		192.168.0.110-192.168.0.210	1
port16	Physical Interface		0.0.0.0/0.0.0.0					0
wan1	Physical Interface		10.200.100.2/255.255.255.0		PING HTTPS HTTP FMG-Access			16
WAN_1_SYMC (wan2)	Physical Interface		161.82.242.122/255.255.255.248		HTTPS HTTP FMG-Access			27
WAN_2_TRUE (port2)	Physical Interface		0.0.0.0/0.0.0.0		HTTPS HTTP FMG-Access			2
SD-WAN Zone 2								
SASE	SD-WAN Zone		0.0.0.0/0.0.0.0					

1 Security Rating Issues

0% 20 | Updated: 16:15:06

Set Name-->Alias-->Role-->Address-->Administrator Access

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Name: WAN_1_SYMC (wan2)
Alias: WAN_1_SYMC
Type: Physical Interface
VRF ID: 0
Role: WAN
Estimated bandwidth: 0 kbps Upstream, 0 kbps Downstream

Address

Addressing mode: Manual | DHCP | PPPoE
IP/Netmask: 161.82.242.122/255.255.255.248
Secondary IP address

Administrative Access

IPv4: HTTPS, HTTP, PING, FMG-Access, SSH, SNMP, FTM, RADIUS Accounting, Security Fabric Connection, Speed Test
Receive LLDP: Use VDOM Setting | Enable | Disable
Transmit LLDP: Use VDOM Setting | Enable | Disable

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments: 0/255
Status: Enabled | Disabled

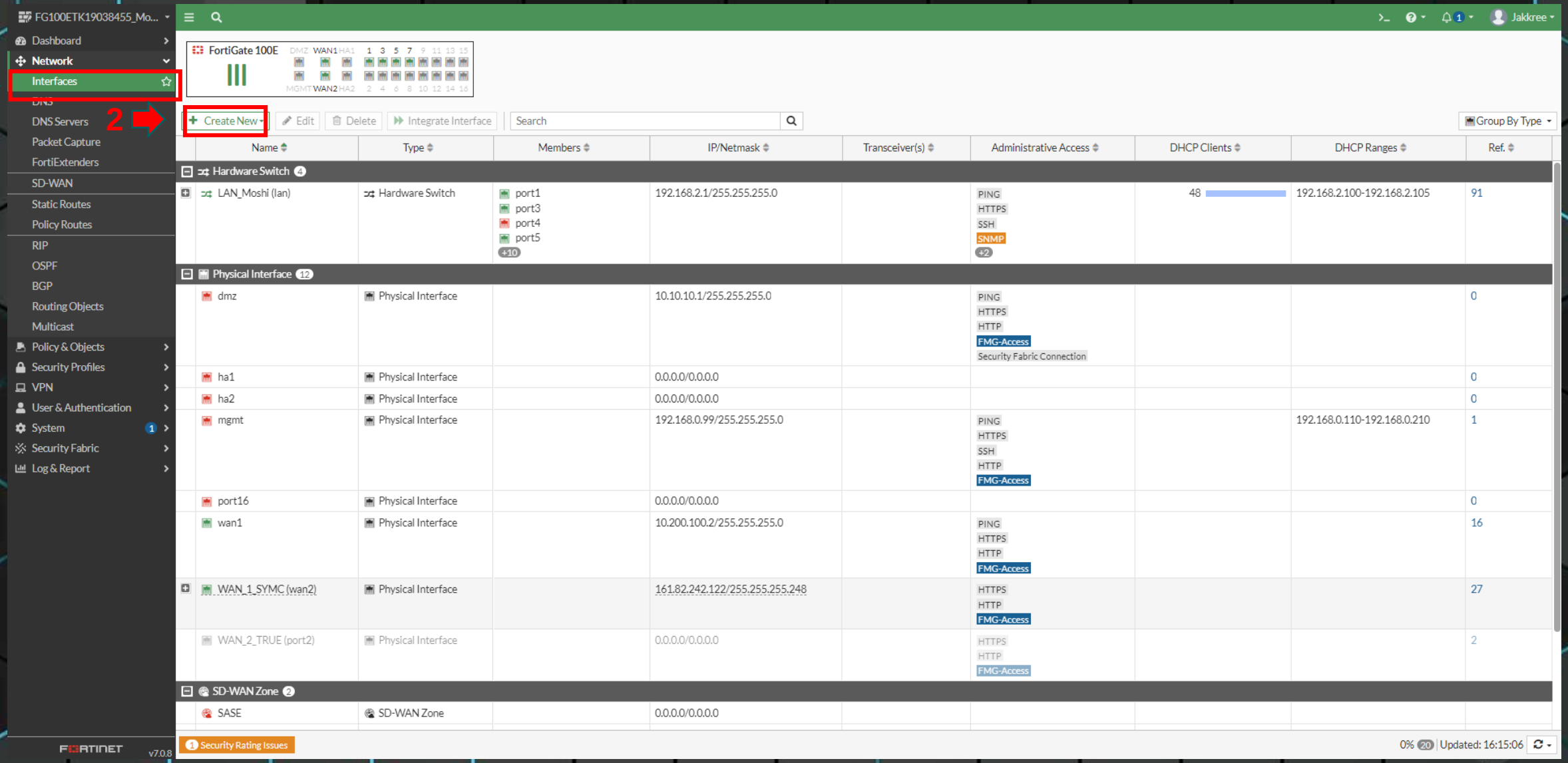
OK | Cancel

FortiGate: FG100ETK19038455_Moshi
Status: Up
MAC address: 04:d5:90:8a:41:ef
Speed Test: Execute speed test
Additional Information: API Preview, References, Edit in CLI
Documentation: Online Help, Video Tutorials

3

Add Interfaces Wan Network (HQ)

Interfaces Wan2 --> Create New



Set Name-->Alias-->Role-->Address-->Administrator Access

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

3

Jakkree

Edit Interface

Name: WAN_1_SYMC (wan2)
Alias: WAN_1_SYMC
Type: Physical Interface
VRF ID: 0
Role: WAN
Estimated bandwidth: 0 kbps Upstream, 0 kbps Downstream

Address

Addressing mode: Manual | DHCP | PPPoE
IP/Netmask: 161.82.242.122/255.255.255.248
Secondary IP address

Administrative Access

IPv4: HTTPS, HTTP, PING, FMG-Access, SSH, SNMP, FTM, RADIUS Accounting, Security Fabric Connection, Speed Test
Receive LLDP: Use VDOM Setting | Enable | Disable
Transmit LLDP: Use VDOM Setting | Enable | Disable

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments: 0/255
Status: Enabled | Disabled

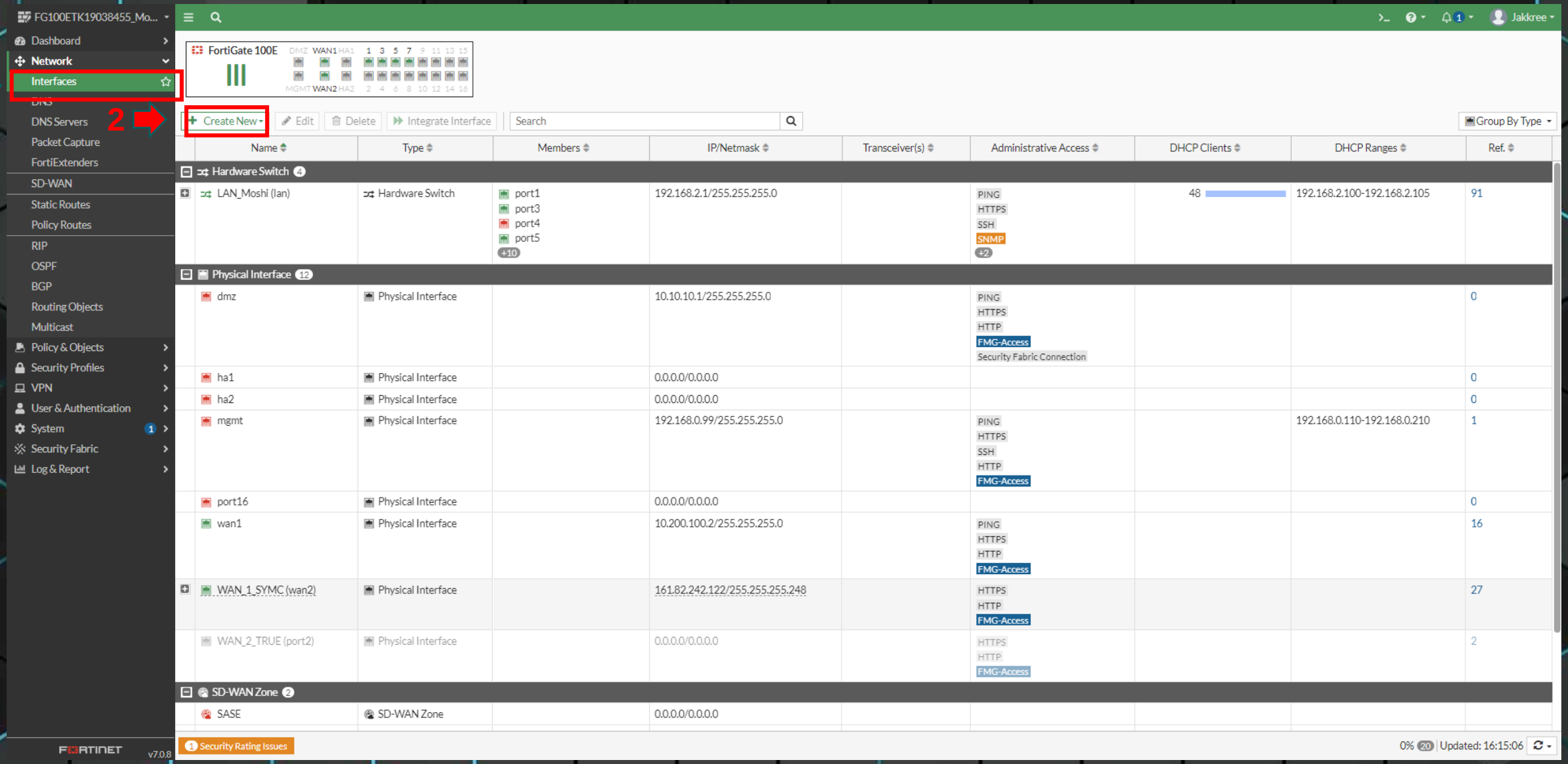
FortiGate: FG100ETK19038455_Moshi
Status: Up
MAC address: 04:d5:90:8a:41:ef
Speed Test: Execute speed test
Additional Information: API Preview, References, Edit in CLI
Documentation: Online Help, Video Tutorials

OK | Cancel

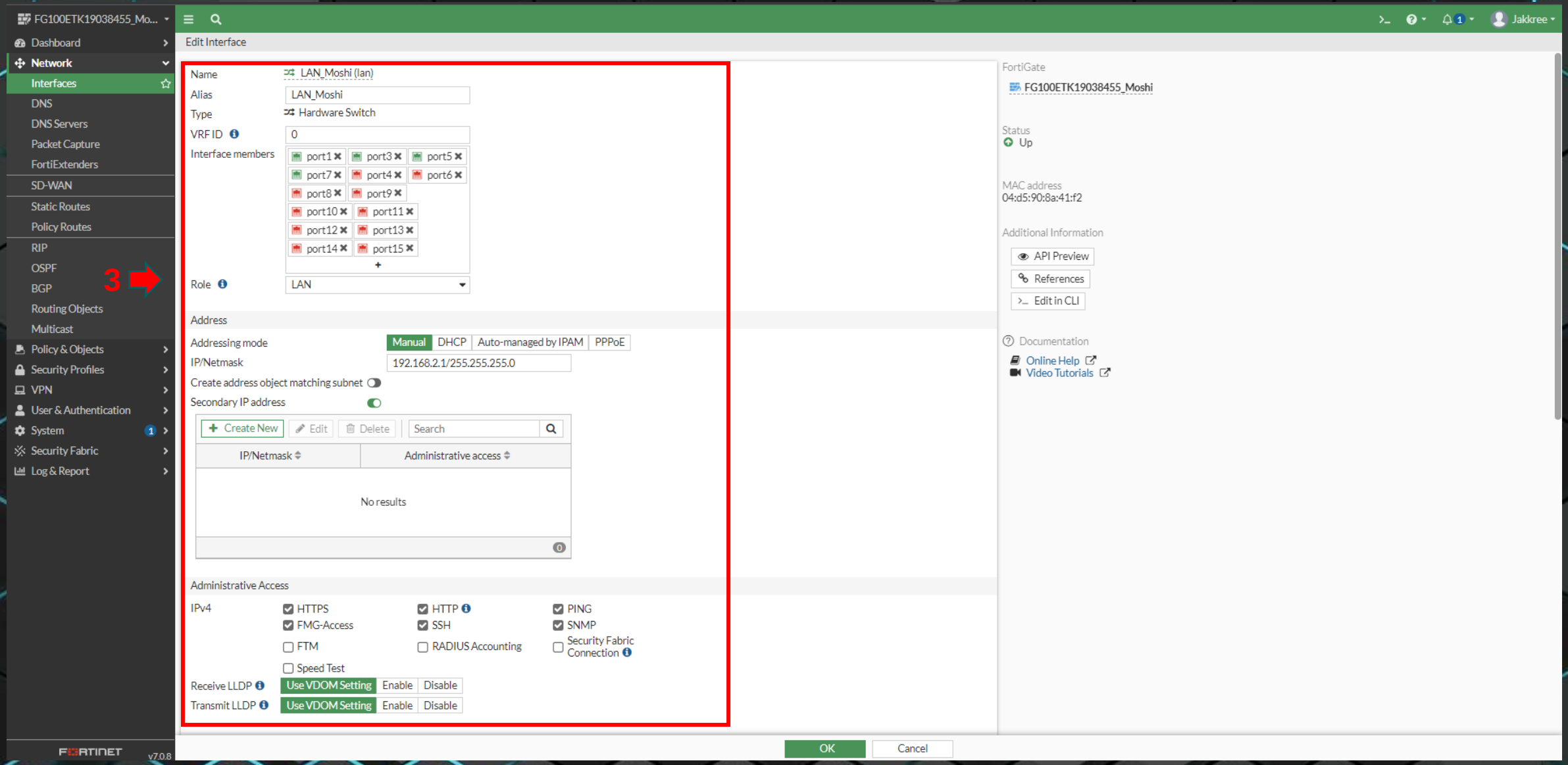
FORTINET v7.0.8

Add Interfaces Lan Network (HQ)

Interfaces Lan --> Create New



Set Name-->Alias-->Interface members-->Address-->Administrator Access



DHCP Server-->Address range-->Netmask-->DNS 1,2,3

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

FTM | RADIUS Accounting | Security Fabric Connection | Speed Test

Receive LLDP: Use VDOM Setting | Enable | Disable

Transmit LLDP: Use VDOM Setting | Enable | Disable

DHCP Server

DHCP status: Enabled | Disabled

Address range: 192.168.2.100-192.168.2.105

Netmask: 255.255.255.0

Default gateway: Same as Interface IP | Specify

3

DNS server: Same as System DNS | Same as Interface IP | Specify

DNS server 1: 192.168.4.3

DNS server 2: 8.8.8.8

DNS server 3: 8.8.4.4

Lease time: 18000 second(s)

Advanced

Network

Device detection

STP

Security mode

SPAN (Port Mirroring)

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments: 0/255

Status: Enabled | Disabled

FortiGate: FG100ETK19038455_Moshi

Status: Up

MAC address: 04:d5:90:8a:41:f2

Additional Information

API Preview

References

Edit in CLI

Documentation

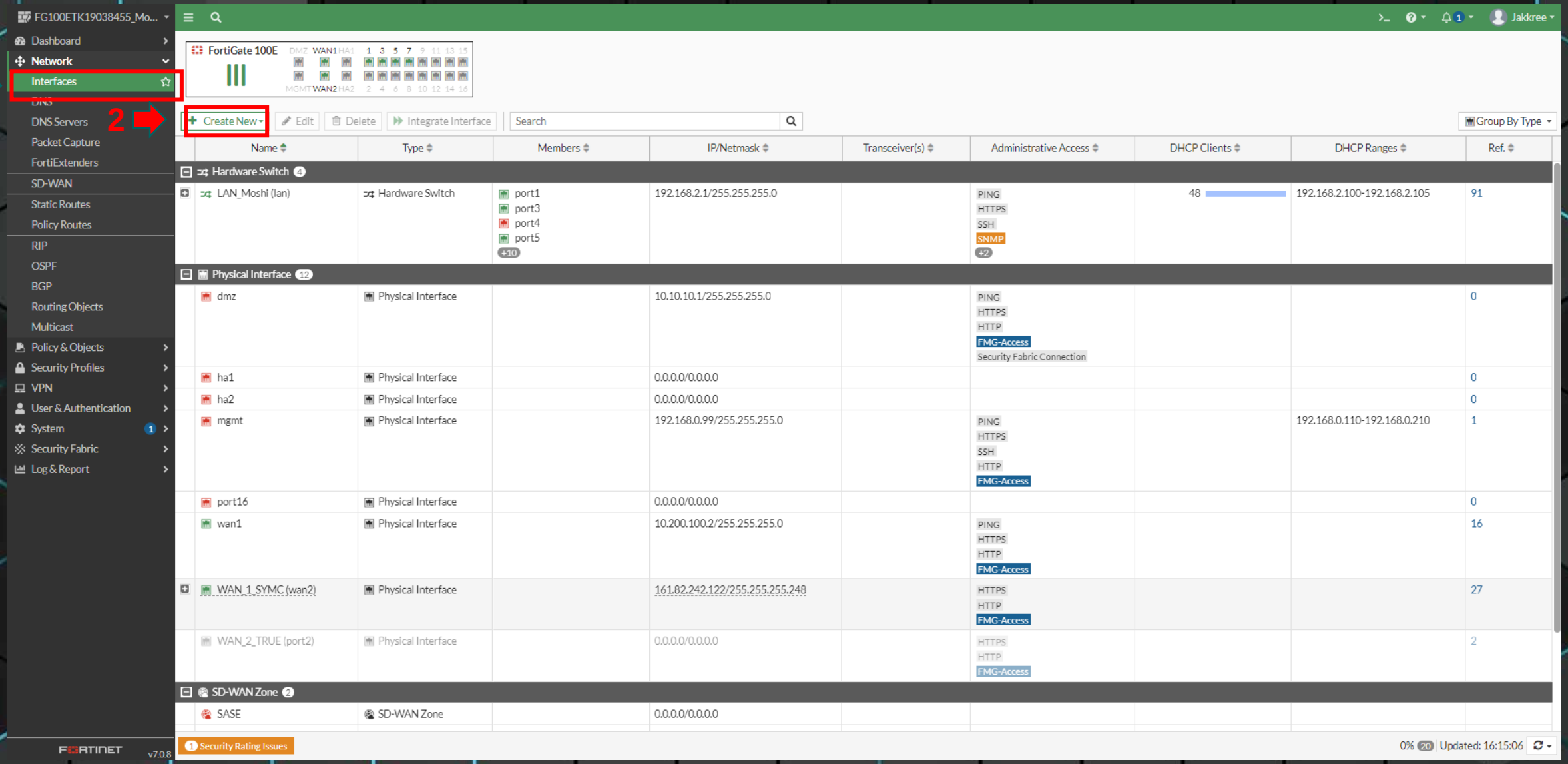
Online Help

Video Tutorials

OK | Cancel

Add Interfaces Lan Network (HQ)

Interfaces Vlan3 --> Create New



Set Name-->Alias-->Interface members-->Address-->Administrator Access

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Name	VLAN3
Alias	
Type	VLAN
VLAN protocol	802.1Q
Interface	LAN_Moshi (lan)
VLAN ID	3 Edit
VRF ID	0
Role	LAN

Address

Addressing mode	Manual / DHCP / Auto-managed by IPAM / PPPoE
IP/Netmask	192.168.3.1/255.255.255.0
Create address object matching subnet	
Secondary IP address	

Administrative Access

IPv4: HTTPS, HTTP, PING, FMG-Access, SSH, SNMP, FTM, RADIUS Accounting, Security Fabric Connection, Speed Test

DHCP Server

DHCP status	Enabled / Disabled
Address range	192.168.3.110-192.168.3.200
Netmask	255.255.255.0
Default gateway	Same as Interface IP / Specify
DNS server	Same as System DNS / Same as Interface IP / Specify
DNS server 1	192.168.4.3
DNS server 2	8.8.8.8
DNS server 3	8.8.4.4
Lease time	18000 second(s)

FortiGate: FG100ETK19038455_Moshi

Active Administrator Sessions: HTTPS

MAC address: 04:d5:90:8a:41:f2

Additional Information: API Preview, References, Edit in CLI

Documentation: Online Help, Video Tutorials

OK Cancel

3

DHCP Server-->Address range-->Netmask-->DNS 1,2,3

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

3

Edit Interface

DHCP Server

DHCP status	Enabled / Disabled
Address range	192.168.3.110-192.168.3.200
Netmask	255.255.255.0
Default gateway	Same as Interface IP / Specify
DNS server	Same as System DNS / Same as Interface IP / Specify
DNS server 1	192.168.4.3
DNS server 2	8.8.8.8
DNS server 3	8.8.4.4
Lease time	18000 second(s)

Advanced

Network

Device detection	
Security mode	Captive Portal
Authentication portal	Local / External
User access	Restricted to Groups / Allow all
User groups	Intrernet-Part time
Exempt sources	User_WiFi-Moshi
Exempt destinations/services	User_WiFi-Moshi
Redirect after Captive Portal	Original Request / Specific URL

Traffic Shaping

Outbound shaping profile

Miscellaneous

Comments 0/255

Status Enabled / Disabled

FortiGate

FG100ETK19038455_Moshi

Active Administrator Sessions

1 HTTPS

MAC address

04:d5:90:8a:41:f2

Additional Information

API Preview

References

Edit in CLI

Documentation

Online Help

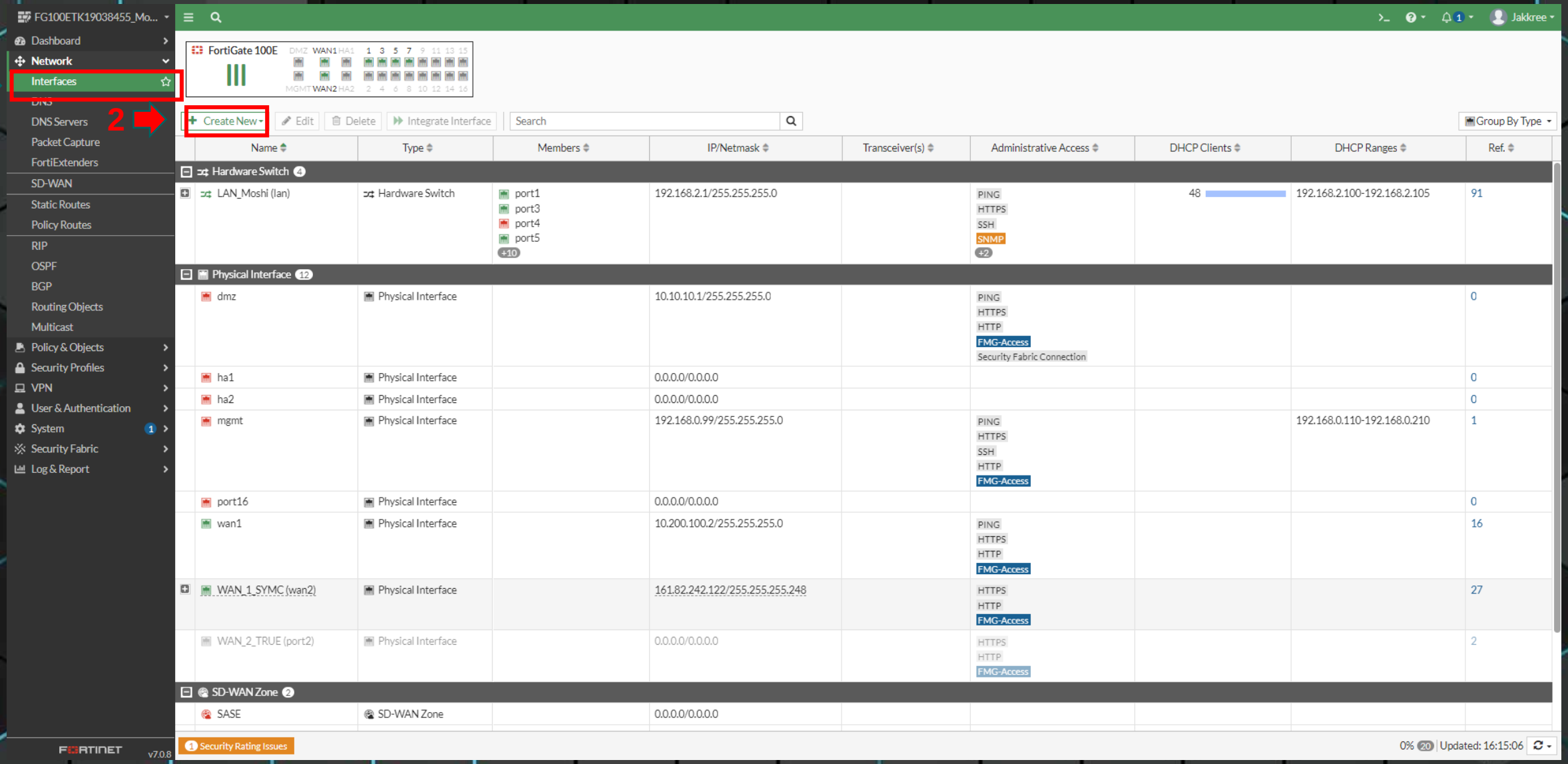
Video Tutorials

OK Cancel

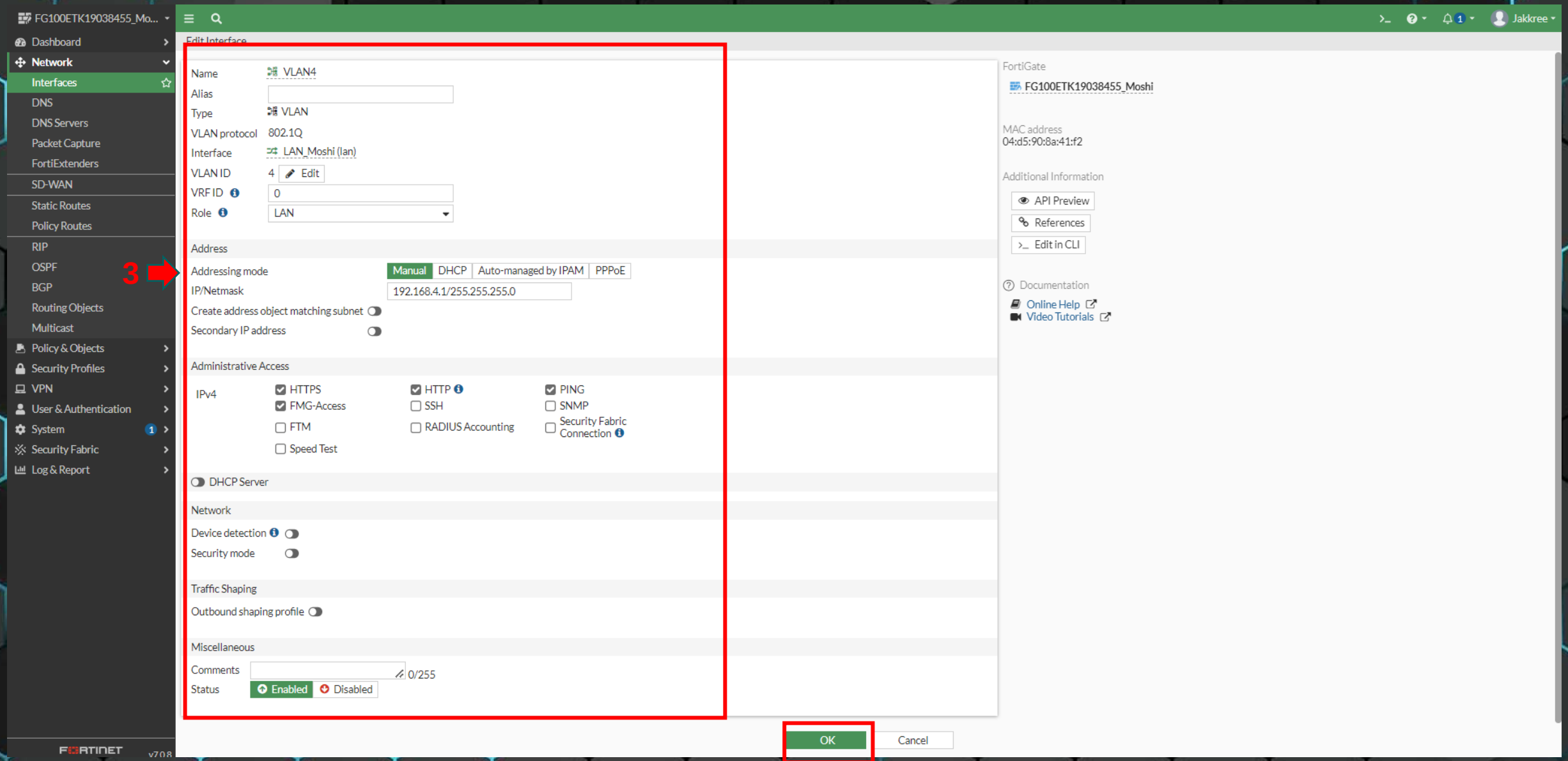
FORTINET v7.0.8

Add Interfaces Lan Network (HQ)

Interfaces Vlan4 --> Create New



Set Name-->Alias-->Interface members-->Address-->Administrator Access



Add/Edit IP Address (WH)

Addresses --> Address

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

1 → Addresses

2 → Address

Jakkree

+ Create New | Edit | Clone | Delete | Search

IP Range/Subnet 164

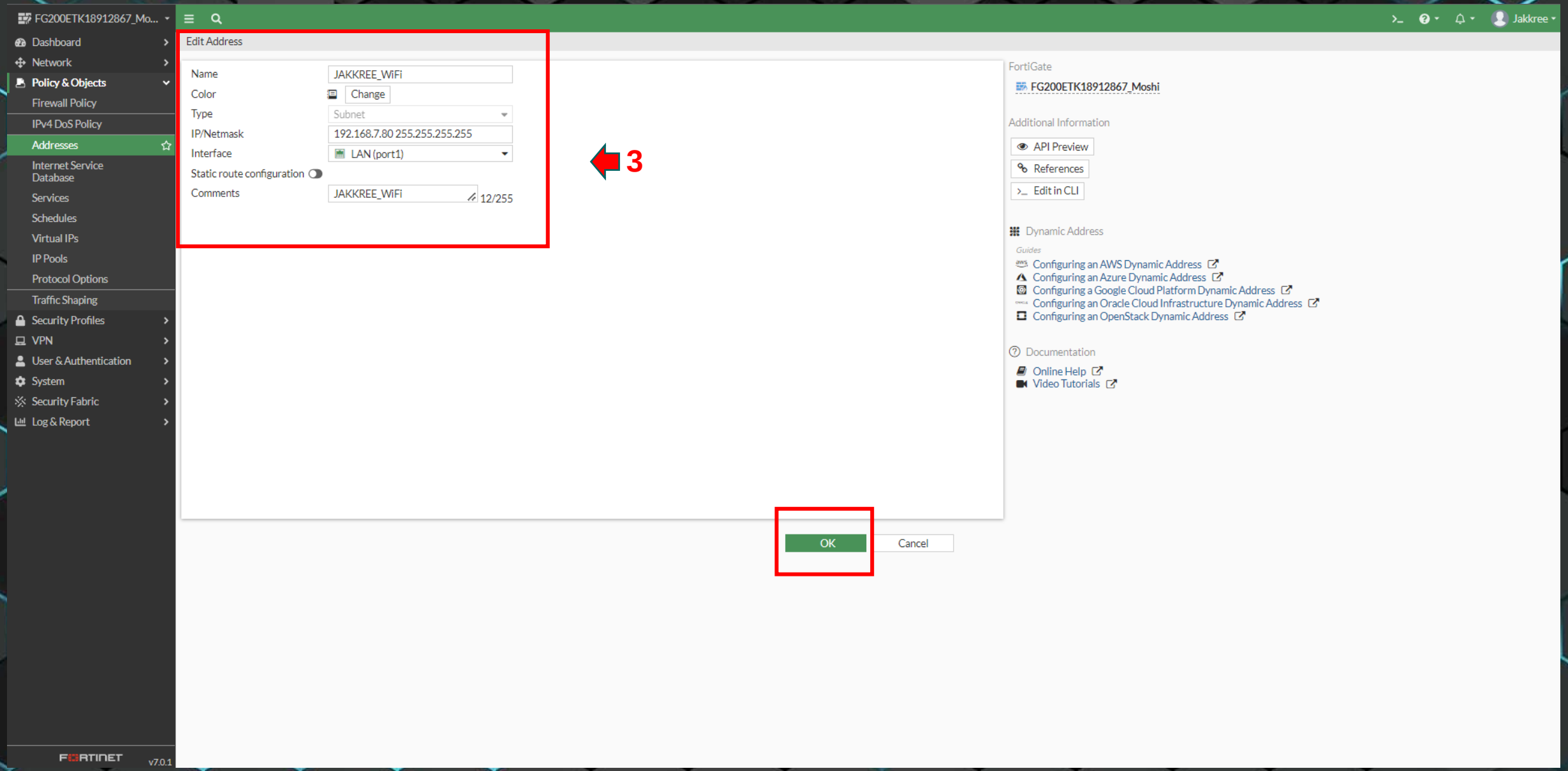
Name	Details	Interface	Type	Ref.
10.200.200.0/24	10.200.200.0/24		Address	0
AD2_Server	192.168.9.3/32	LAN (port1)	Address	1
Ada-Server	192.168.7.32/32	LAN (port1)	Address	0
Ada_Giant_1	192.168.9.13/32	LAN (port1)	Address	0
Ada_Giant_2	192.168.9.14/32	LAN (port1)	Address	0
BENZ	192.168.7.81/32	LAN (port1)	Address	1
CCTV	192.168.8.0/24		Address	2
CloudKey_Moshi	192.168.7.2/32	LAN (port1)	Address	1
Content-Server	192.168.9.4/32	LAN (port1)	Address	0
Control air	192.168.7.198/32	LAN (port1)	Address	1
DHCP	192.168.7.210 - 192.168.7.253	LAN (port1)	Address	3
Ekachi_VLAN02	192.168.2.0/24		Address	6
Ekachi_VLAN03	192.168.3.0/24		Address	6
Ekachi_VLAN04	192.168.4.0/24		Address	6
Ekachi_VPN	10.212.135.0/24		Address	3
FABRIC_DEVICE	0.0.0.0/0		Address	0
FIREWALL_AUTH_PORTAL_ADDRESS	0.0.0.0/0		Address	0
IPSEC-VPN_range	10.10.10.100 - 10.10.10.200		Address	0
JAKKREE_Lan	192.168.7.199/32	LAN (port1)	Address	1
JAKKREE_WiFi	192.168.7.80/32	LAN (port1)	Address	1
LAN-Router_SYMC	10.200.200.0/24		Address	2
LAN_Router_JI Net	10.7.0.0/24		Address	0
LAN_TO_BRANCH	192.168.0.0/16		Address	4
LAPTOP-AEW	192.168.7.190/32	LAN (port1)	Address	1
LAPTOP-KANAPOJ	192.168.7.195/32	LAN (port1)	Address	1
LAPTOP-SUPPLYCHAIN	192.168.7.194/32	LAN (port1)	Address	0
Local_User-6	192.168.6.0/24		Address	8
Local_User-7	192.168.7.0/24		Address	8
MOSHI-02	192.168.7.121/32	LAN (port1)	Address	1

0 Security Rating Issues

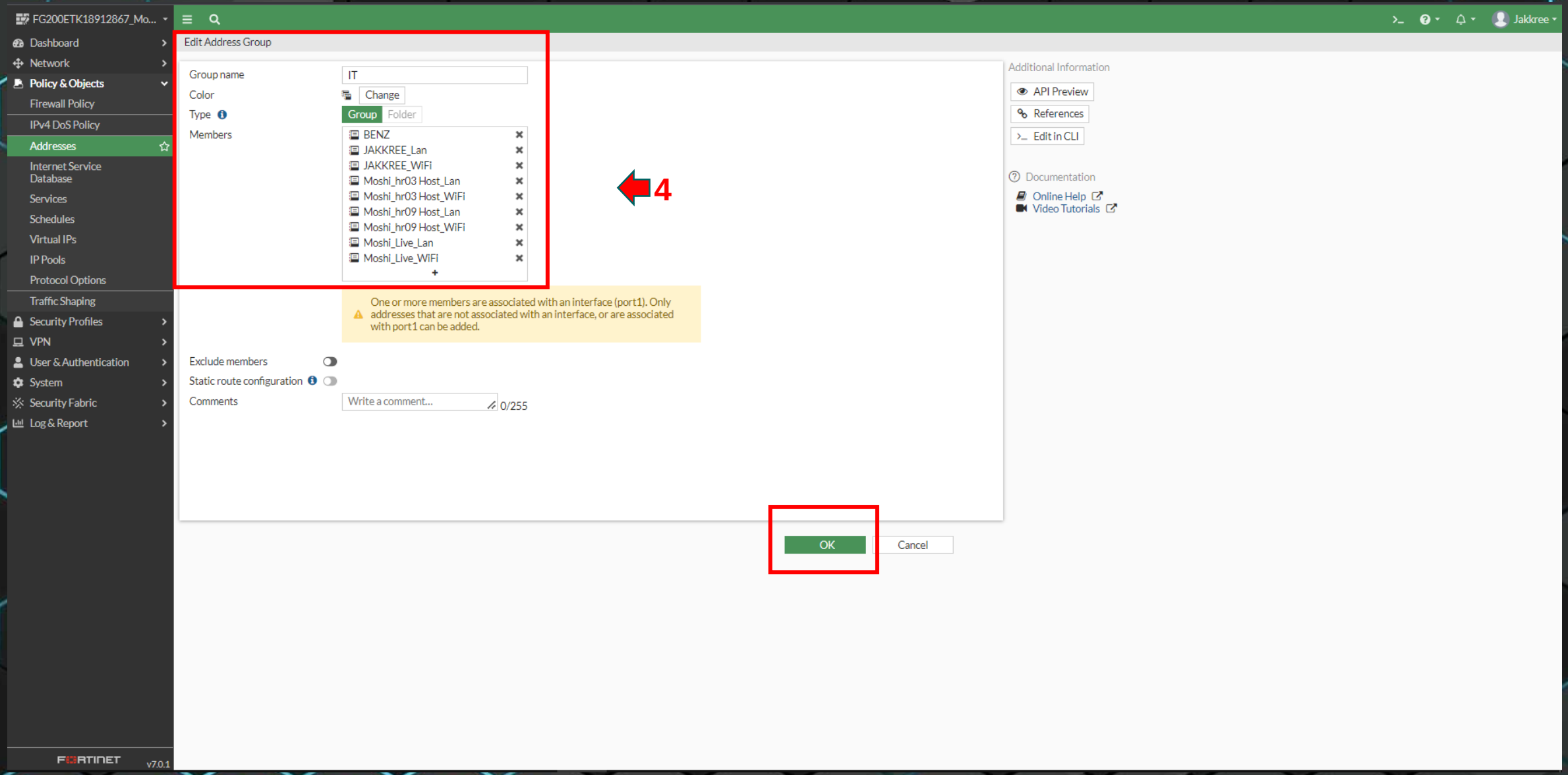
0% 199 | Updated: 17:21:28

FORTINET v7.0.1

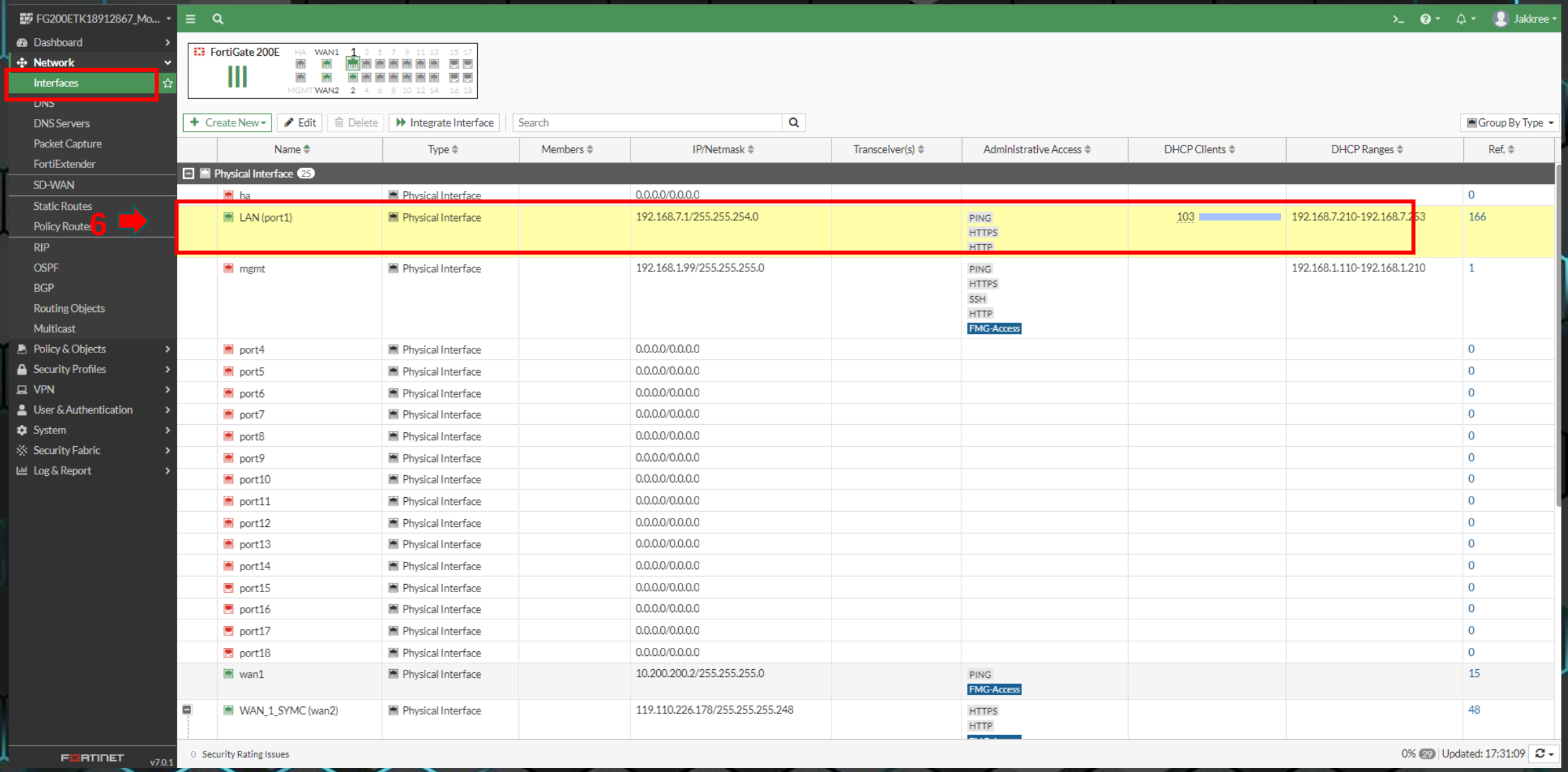
Name --> IP/Netmask --> Interface --> Comments



Group name --> members



Interfaces-->Lan-->Lan



IP Address Assignment Rules-->Create New

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Interface

Advanced

Mode	Server Relay
Type	Regular IPsec
NTP server	Local Same as System NTP Specify
Wireless controllers	Same as Interface IP Specify
Time zone	Same as System Specify
Next bootstrap server	0.0.0.0

Additional DHCP Options

Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

Create New | 7 | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	JAKKREE_WiFi
MAC Address	MAC address: dc:f5:05:fb:fa:bf	Reserve IP	BENZ
MAC Address	MAC address: 10:5b:ad:3b:dc:af	Reserve IP	MOSHI-08
MAC Address	MAC address: 60:45:cb:6e:7e:0e	Reserve IP	MOSHI-76
MAC Address	MAC address: 6c:2b:59:eb:9d:7a	Reserve IP	MOSHI-14
MAC Address	MAC address: 6c:2b:59:f4:40:0a	Reserve IP	MOSHI-21
MAC Address	MAC address: 6c:2b:59:eb:98:cf	Reserve IP	MOSHI-07
MAC Address	MAC address: b0:6e:bf:c6:f1:c2	Reserve IP	MOSHI-69
MAC Address	MAC address: 54:bf:64:9e:2c:8e	Reserve IP	MOSHI-03

0% 127

Network

OK | Cancel

FortiGate
FG200ETK18912867_Moshi

Active Administrator Sessions
1 HTTPS

Status
Up

MAC address
e8:1c:ba:32:ce:a4

Additional Information
API Preview
References
Edit in CLI

Documentation
Online Help
Video Tutorials

Description-->MAC address-->Action type Reserve IP-->IP

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Interface

Advanced

Mode	Server Relay
Type	Regular IPsec
NTP server	Local Same as System NTP Specify
Wireless controllers	Same as Interface IP Specify
Time zone	Same as System Specify
Next bootstrap server	0.0.0.0

Additional DHCP Options

Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

Create New | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	JAKKREE_WIFI
MAC Address	MAC address: dc:f5:05:fb:fa:bf	Reserve IP	BENZ
MAC Address	MAC address: 10:5b:ad:3b:dc:af	Reserve IP	MOSHI-08
MAC Address	MAC address: 60:45:cb:6e:7e:0e	Reserve IP	MOSHI-76
MAC Address	MAC address: 6c:2b:59:eb:9d:7a	Reserve IP	MOSHI-14
MAC Address	MAC address: 6c:2b:59:f4:40:0a	Reserve IP	MOSHI-21
MAC Address	MAC address: 6c:2b:59:eb:98:cf	Reserve IP	MOSHI-07
MAC Address	MAC address: b0:6e:bf:c6:f1:c2	Reserve IP	MOSHI-69
MAC Address	MAC address: 54:bf:64:9e:2c:8e	Reserve IP	MOSHI-03

0% 127

Network

OK

Edit IP Address Assignment Rule

Type	MAC Address DHCP Relay Agent
Description	IT-Jakkree 11/255

Match Criteria

MAC address	3c:6a:a7:83:8d:03

Action

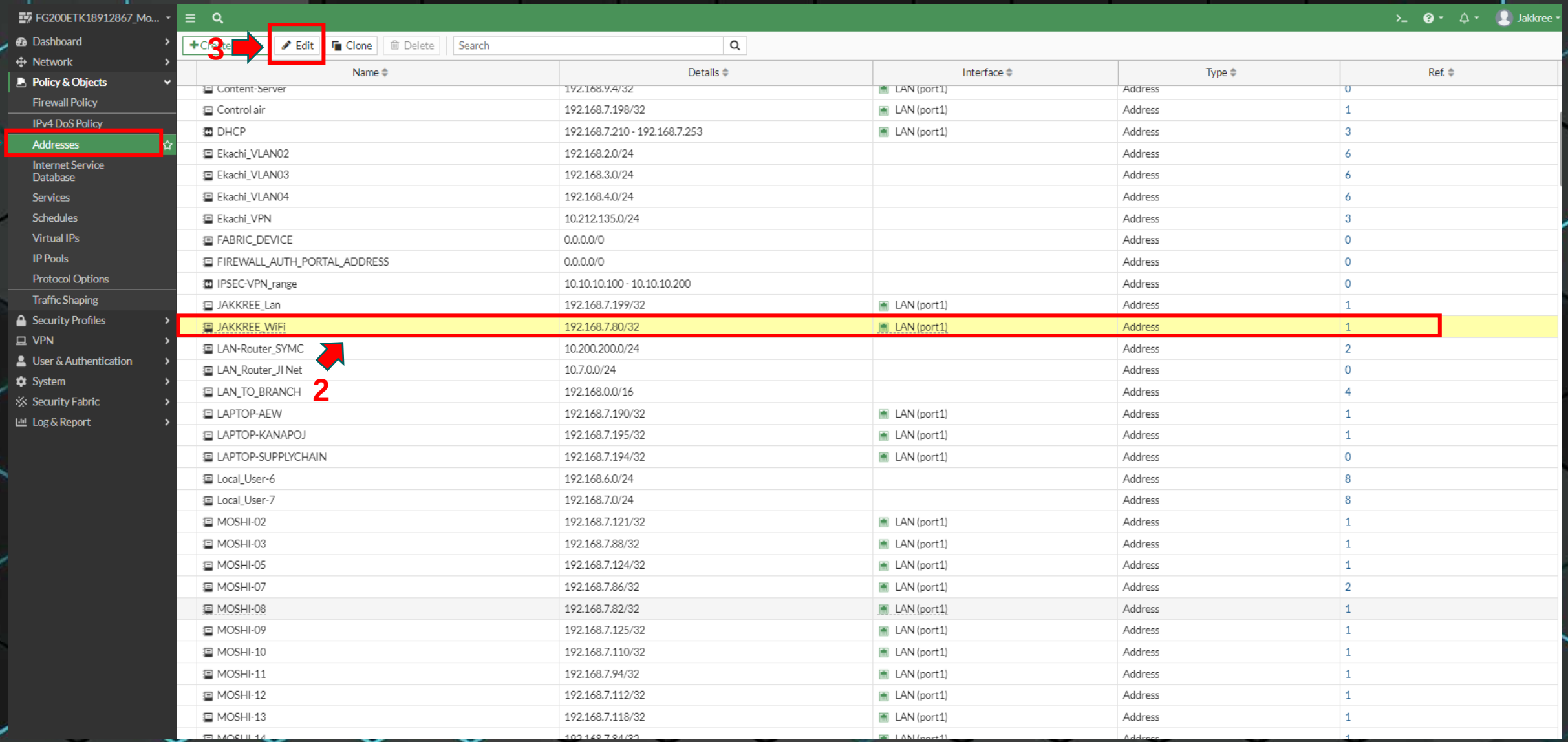
Action type	Assign IP Block Reserve IP
IP	192.168.7.80

8

OK Cancel

Edit IP Address (WH)

Addresses-->Select-->Edite



Name-->IP/Netmask-->Interface-->Comments

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Address

Name	JAKKREE_WiFi
Color	Change
Type	Subnet
IP/Netmask	192.168.7.80 255.255.255.255
Interface	LAN (port1)
Static route configuration	
Comments	JAKKREE_WiFi 12/255

4

OK Cancel

FortiGate

FG200ETK18912867_Moshi

Additional Information

API Preview

References

Edit in CLI

Dynamic Address

Guides

Configuring an AWS Dynamic Address

Configuring an Azure Dynamic Address

Configuring a Google Cloud Platform Dynamic Address

Configuring an Oracle Cloud Infrastructure Dynamic Address

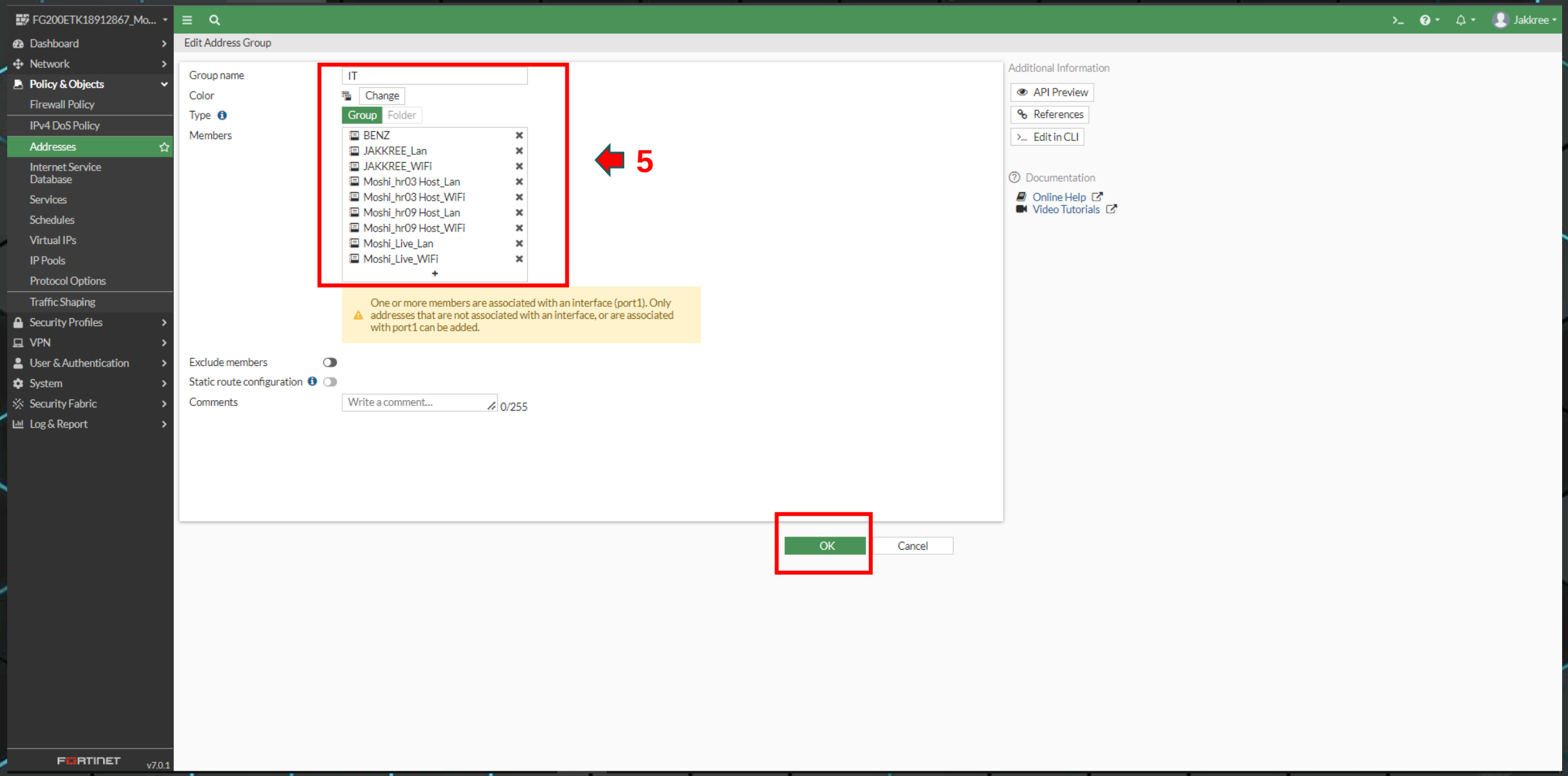
Configuring an OpenStack Dynamic Address

Documentation

Online Help

Video Tutorials

Group name --> members



Interfaces-->Lan

FG200ETK18912867_Mo...

- Dashboard
- Network
  - 6 Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

FortiGate 200E

Create New | Edit | Delete | Integrate Interface | Search | Group By Type

	Name	Type	Members	IP/Netmask	Transceiver(s)	Administrative Access	DHCP Clients	DHCP Ranges	Ref.
Physical Interface 25									
	ha	Physical Interface		0.0.0.0/0.0.0.0					0
	7 LAN (port1)	Physical Interface		192.168.7.1/255.255.254.0		PING HTTPS HTTP	103	192.168.7.210-192.168.7.253	166
	mgmt	Physical Interface		192.168.1.99/255.255.255.0		PING HTTPS SSH HTTP FMG-Access		192.168.1.110-192.168.1.210	1
	port4	Physical Interface		0.0.0.0/0.0.0.0					0
	port5	Physical Interface		0.0.0.0/0.0.0.0					0
	port6	Physical Interface		0.0.0.0/0.0.0.0					0
	port7	Physical Interface		0.0.0.0/0.0.0.0					0
	port8	Physical Interface		0.0.0.0/0.0.0.0					0
	port9	Physical Interface		0.0.0.0/0.0.0.0					0
	port10	Physical Interface		0.0.0.0/0.0.0.0					0
	port11	Physical Interface		0.0.0.0/0.0.0.0					0
	port12	Physical Interface		0.0.0.0/0.0.0.0					0
	port13	Physical Interface		0.0.0.0/0.0.0.0					0
	port14	Physical Interface		0.0.0.0/0.0.0.0					0
	port15	Physical Interface		0.0.0.0/0.0.0.0					0
	port16	Physical Interface		0.0.0.0/0.0.0.0					0
	port17	Physical Interface		0.0.0.0/0.0.0.0					0
	port18	Physical Interface		0.0.0.0/0.0.0.0					0
	wan1	Physical Interface		10.200.200.2/255.255.255.0		PING FMG-Access			15
	WAN_1_SYMC (wan2)	Physical Interface		119.110.226.178/255.255.255.248		HTTPS HTTP			48

0 Security Rating Issues

0% 29 | Updated: 17:31:09

IP Address Assignment Rules-->Select-->Edite

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Interface

Advanced

Mode	Server Relay
Type	Regular IPsec
NTP server	Local Same as System NTP Specify
Wireless controllers	Same as Interface IP Specify
Time zone	Same as System Specify
Next bootstrap server	0.0.0.0

Additional DHCP Options

Create New | Edit | Delete | Search

Code	Type	Value
No results		

8

IP Address Assignment Rules

Create New | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	JAKKREE_WiFi
MAC Address	MAC address: dc:f5:05:fb:fa:bf	Reserve IP	BENZ
MAC Address	MAC address: 10:5b:ad:3b:dc:af	Reserve IP	MOSHI-08
MAC Address	MAC address: 60:45:cb:6e:7e:0e	Reserve IP	MOSHI-76
MAC Address	MAC address: 6c:2b:59:eb:9d:7a	Reserve IP	MOSHI-14
MAC Address	MAC address: 6c:2b:59:eb:98:cf	Reserve IP	MOSHI-07
MAC Address	MAC address: b0:6e:bf:c6:f1:c2	Reserve IP	MOSHI-69
MAC Address	MAC address: 54:bf:64:9e:2c:8e	Reserve IP	MOSHI-03
MAC Address	MAC address: 74:d4:35:d5:db:2a	Reserve IP	MOSHI-79

0% 127

Network

FortiGate
FG200ETK18912867_Moshi

Active Administrator Sessions
1 HTTPS

Status
Up

MAC address
e8:1c:ba:32:ce:a4

Additional Information
API Preview
References
Edit in CLI

Documentation
Online Help
Video Tutorials

OK | Cancel

Description-->MAC address-->IP

FG200ETK18912867_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtender
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Interface

Advanced

Mode	Server Relay
Type	Regular IPsec
NTP server	Local Same as System NTP Specify
Wireless controllers	Same as Interface IP Specify
Time zone	Same as System Specify
Next bootstrap server	0.0.0.0

Additional DHCP Options

+Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

+Create New | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	JAKKREE_WiFi
MAC Address	MAC address: dc:f5:05:fb:fa:bf	Reserve IP	BENZ
MAC Address	MAC address: 10:5b:ad:3b:dc:af	Reserve IP	MOSHI-08
MAC Address	MAC address: 60:45:cb:6e:7e:0e	Reserve IP	MOSHI-76
MAC Address	MAC address: 6c:2b:59:eb:9d:7a	Reserve IP	MOSHI-14
MAC Address	MAC address: 6c:2b:59:f4:40:0a	Reserve IP	MOSHI-21
MAC Address	MAC address: 6c:2b:59:eb:98:cf	Reserve IP	MOSHI-07
MAC Address	MAC address: b0:6e:bf:c6:f1:c2	Reserve IP	MOSHI-69
MAC Address	MAC address: 54:bf:64:9e:2c:8e	Reserve IP	MOSHI-03

0% 127

Network

OK

Edit IP Address Assignment Rule

Type	MAC Address DHCP Relay Agent
Description	IT-Jakkree 11/255

Match Criteria

MAC address	3c:6a:a7:83:8d:03

8

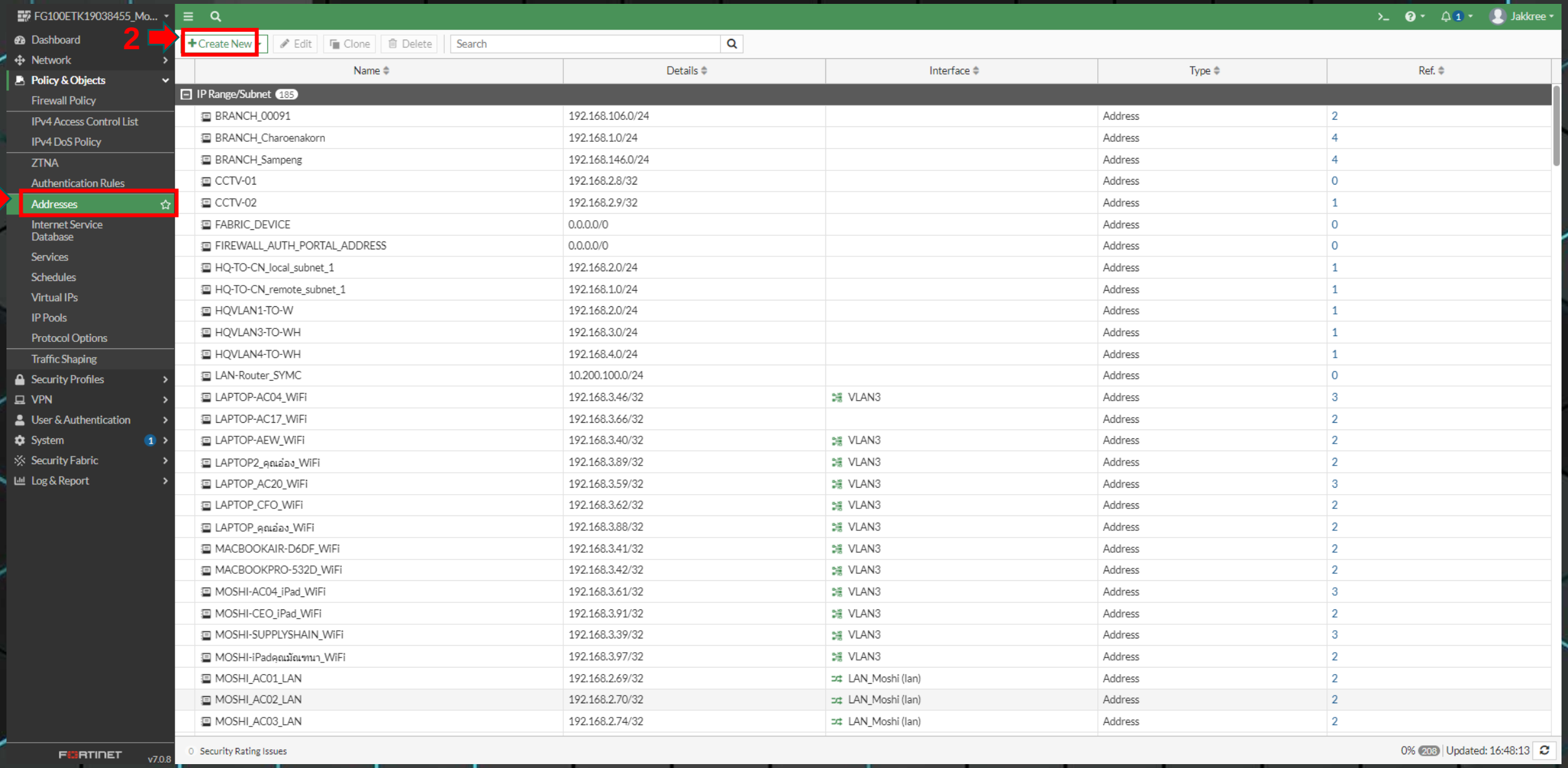
Action

Action type	Assign IP Block Reserve IP
IP	192.168.7.80

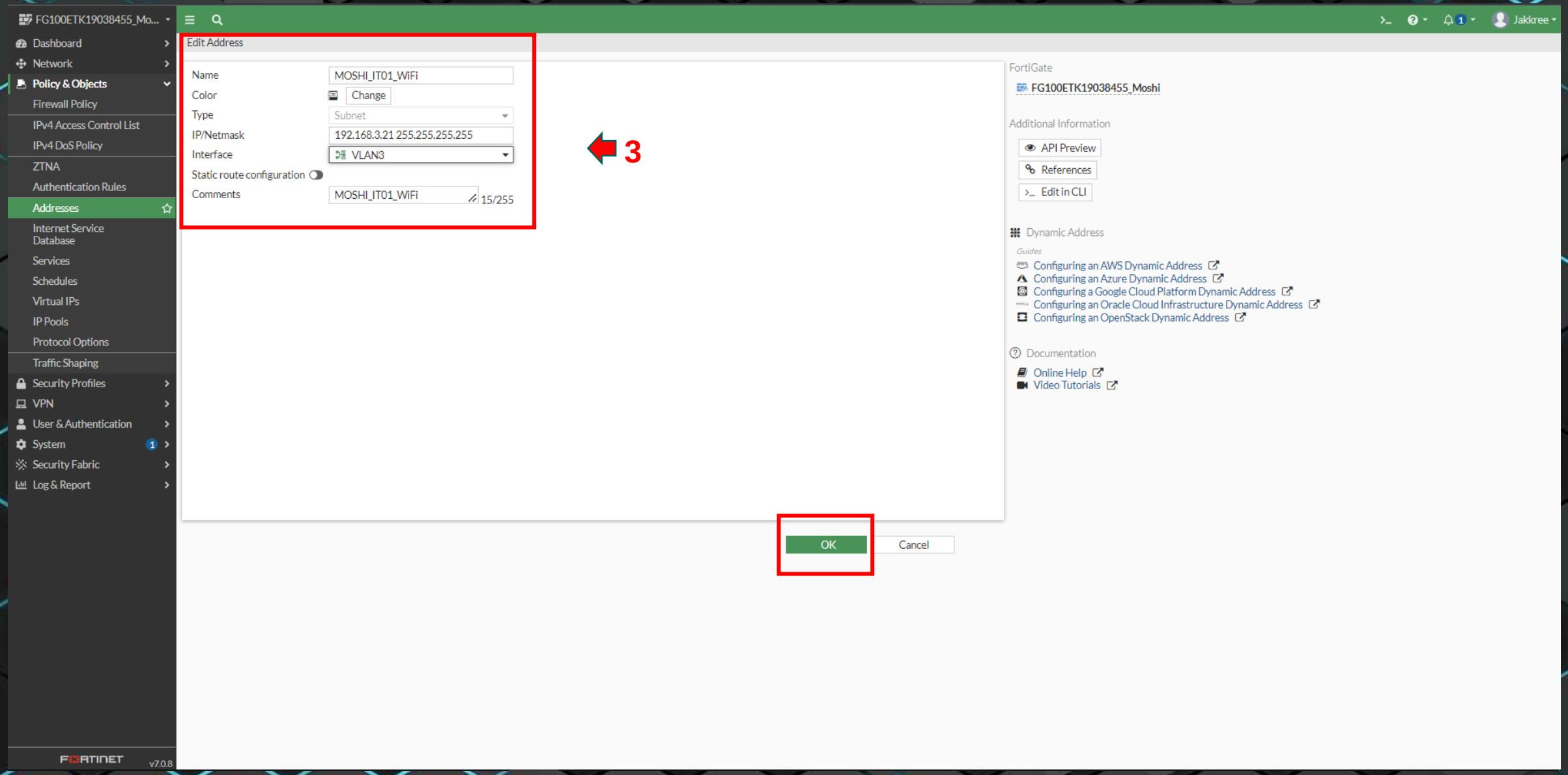
OK Cancel

Add IP Address

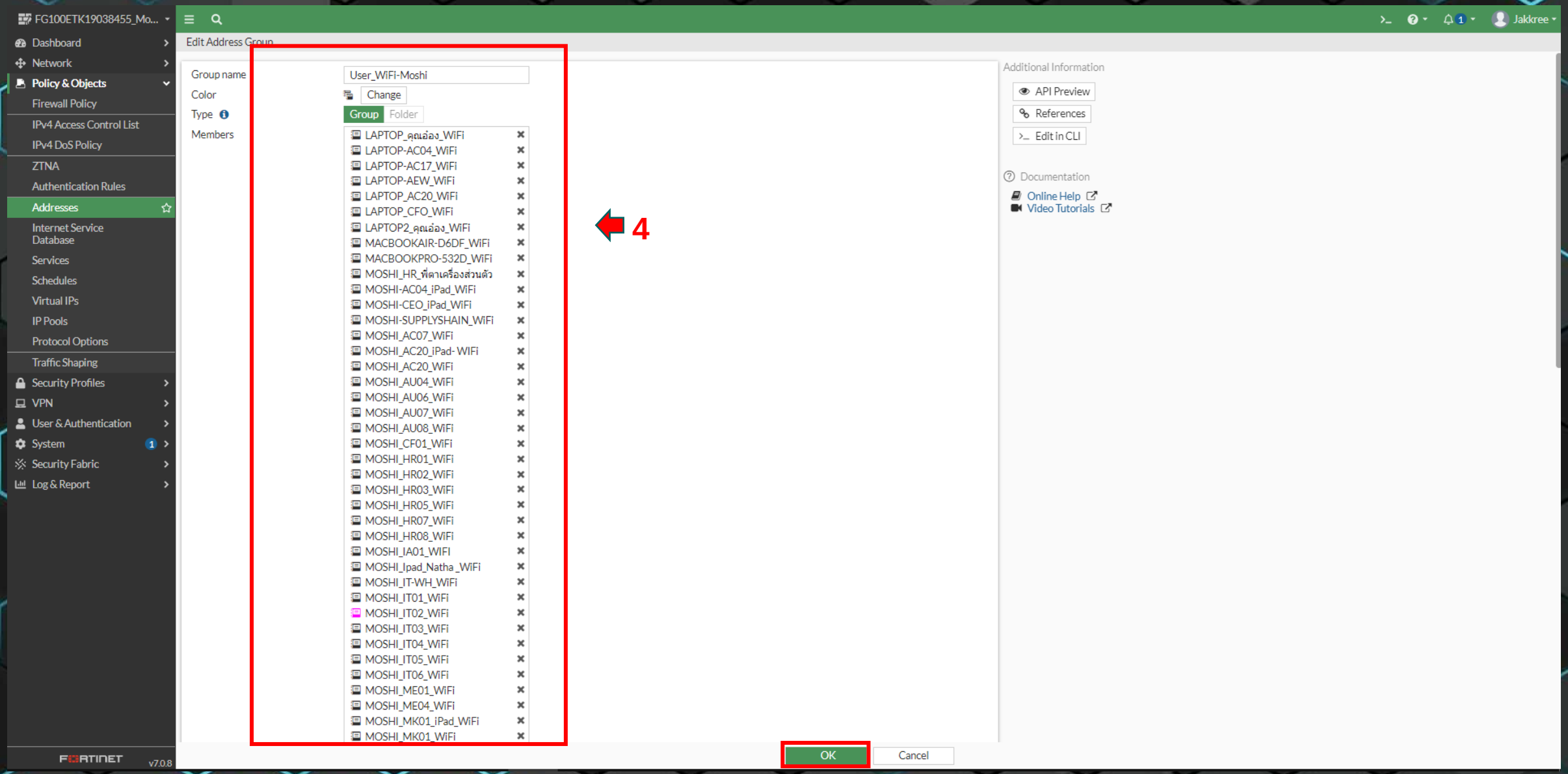
Addresses-->Create New



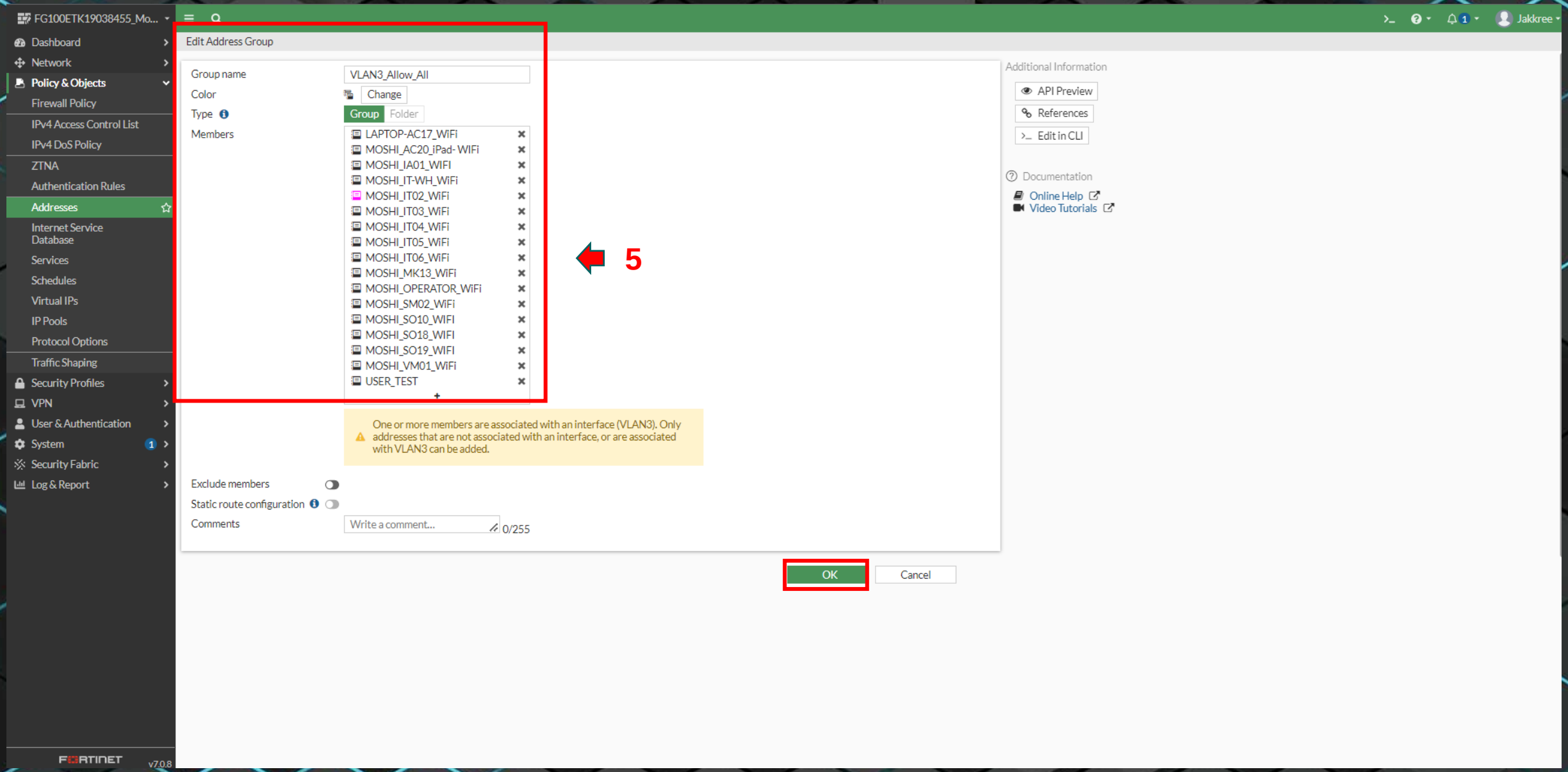
Name-->IP/Netmask-->Interface-->Comments



Add Group name Authentication-->Add Members



Add Group name VLAN-->Add Members



Interfaces-->Hardware Switch-->Select VLAN

FG100ETK19038455_Mo...

- Dashboard
- Network
  - 6 Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - 7
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System 1
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

FortiGate 100E

DMZ WAN1 HA1 1 3 5 7 9 11 13 15
MGMT WAN2 HA2 2 4 6 8 10 12 14 16

+ Create New | Edit | Delete | Integrate Interface | Search | Group By Type

Name	Type	Members	IP/Netmask	Transceiver(s)	Administrative Access	DHCP Clients	DHCP Ranges	Ref.
Hardware Switch 4								
LAN_Moshi (lan)	Hardware Switch	port1 port3 port4 port5 +10	192.168.2.1/255.255.255.0		PING HTTPS SSH SNMP +2	47	192.168.2.100-192.168.2.104	90
VLAN3	VLAN		192.168.3.1/255.255.255.0		PING HTTPS HTTP FMG-Access	33	192.168.3.110-192.168.3.200	94
VLAN4	VLAN		192.168.4.1/255.255.255.0		PING HTTPS HTTP FMG-Access			20
VLAN5	VLAN		192.168.5.1/255.255.255.0		PING HTTPS HTTP FMG-Access		192.168.5.2-192.168.5.253	2
Physical Interface 11								
dmz	Physical Interface		10.10.10.1/255.255.255.0		PING HTTPS HTTP FMG-Access Security Fabric Connection			0
ha1	Physical Interface		0.0.0.0/0.0.0.0					0
ha2	Physical Interface		0.0.0.0/0.0.0.0					0
mgmt	Physical Interface		192.168.0.99/255.255.255.0		PING HTTPS SSH HTTP FMG-Access		192.168.0.110-192.168.0.210	1
port16	Physical Interface		0.0.0.0/0.0.0.0					0
wan1	Physical Interface		10.200.100.2/255.255.255.0		PING			16

1 Security Rating Issues

0% 19 | Updated: 16:59:46

IP Address Assignment Rules-->Create New

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Mode: Server | Relay
Type: Regular | IPsec
NTP server: Local | Same as System NTP | Specify
Wireless controllers: Same as Interface IP | Specify
Time zone: Same as System | Specify | (GMT+7:00) Bangkok, Hanoi, Jakarta
Next bootstrap server: 0.0.0.0
TFTP server(s)

Additional DHCP Options

+ Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

8

+ Create New | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 98:af:65:65:a9:fa	Reserve IP	MOSHI_IT01_WiFi
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	MOSHI_IT02_WiFi
MAC Address	MAC address: 7c:2a:31:40:b1:db	Reserve IP	MOSHI_IT03_WiFi
MAC Address	MAC address: 34:7d:f6:7b:cd:11	Reserve IP	MOSHI_IT04_WiFi
MAC Address	MAC address: 0c:7a:15:a8:24:83	Reserve IP	MOSHI_SO01_WiFi
MAC Address	MAC address: dc:f5:05:8f:ce:41	Reserve IP	MOSHI_SO02_WiFi
MAC Address	MAC address: d0:53:49:eb:65:05	Reserve IP	MOSHI_AU04_WiFi
MAC Address	MAC address: 10:5b:ad:ce:e6:e3	Reserve IP	MOSHI_SM02_WiFi
MAC Address	MAC address: 3c:95:09:38:af:f1	Reserve IP	MOSHI_AU06_WiFi

0% 85

Network

OK | Cancel

FortiGate
FG100ETK19038455_Moshi

Active Administrator Sessions
1 HTTPS

MAC address
04:d5:90:8a:41:f2

Additional Information
API Preview
References
Edit in CLI

Documentation
Online Help
Video Tutorials

Description-->MAC address->Action type-->IP

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
  - SD-WAN
  - Static Routes
  - Policy Routes
  - RIP
  - OSPF
  - BGP
  - Routing Objects
  - Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System 1
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Mode: Server | Relay
Type: Regular | IPsec
NTP server: Local | Same as System NTP | Specify
Wireless controllers: Same as Interface IP | Specify
Time zone: Same as System | Specify | (GMT+7:00) Bangkok, Hanoi, Jakarta
Next bootstrap server: 0.0.0.0
TFTP server(s)

Additional DHCP Options

Code	Type	Value
No results		

IP Address Assignment Rules

Type	Match Criteria	Action	IP
MAC Address	MAC address: 98:af:65:65:a9:fa	Reserve IP	MOSHI_IT01_WiFi
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	MOSHI_IT02_WiFi
MAC Address	MAC address: 7c:2a:31:40:b1:db	Reserve IP	MOSHI_IT03_WiFi
MAC Address	MAC address: 34:7d:f6:7b:cd:11	Reserve IP	MOSHI_IT04_WiFi
MAC Address	MAC address: 0c:7a:15:a8:24:83	Reserve IP	MOSHI_SO01_WiFi
MAC Address	MAC address: dc:f5:05:8f:ce:41	Reserve IP	MOSHI_SO02_WiFi
MAC Address	MAC address: d0:53:49:eb:65:05	Reserve IP	MOSHI_AU04_WiFi
MAC Address	MAC address: 10:5b:ad:ce:e6:e3	Reserve IP	MOSHI_SM02_WiFi
MAC Address	MAC address: 3c:95:09:38:af:f1	Reserve IP	MOSHI_AU06_WiFi

0% 85

Network

OK

Edit IP Address Assignment Rule

Type: MAC Address | DHCP Relay Agent
Description: MOSHI_IT02_WiFi 15/255

Match Criteria

MAC address: 3c:6a:a7:83:8d:03

5

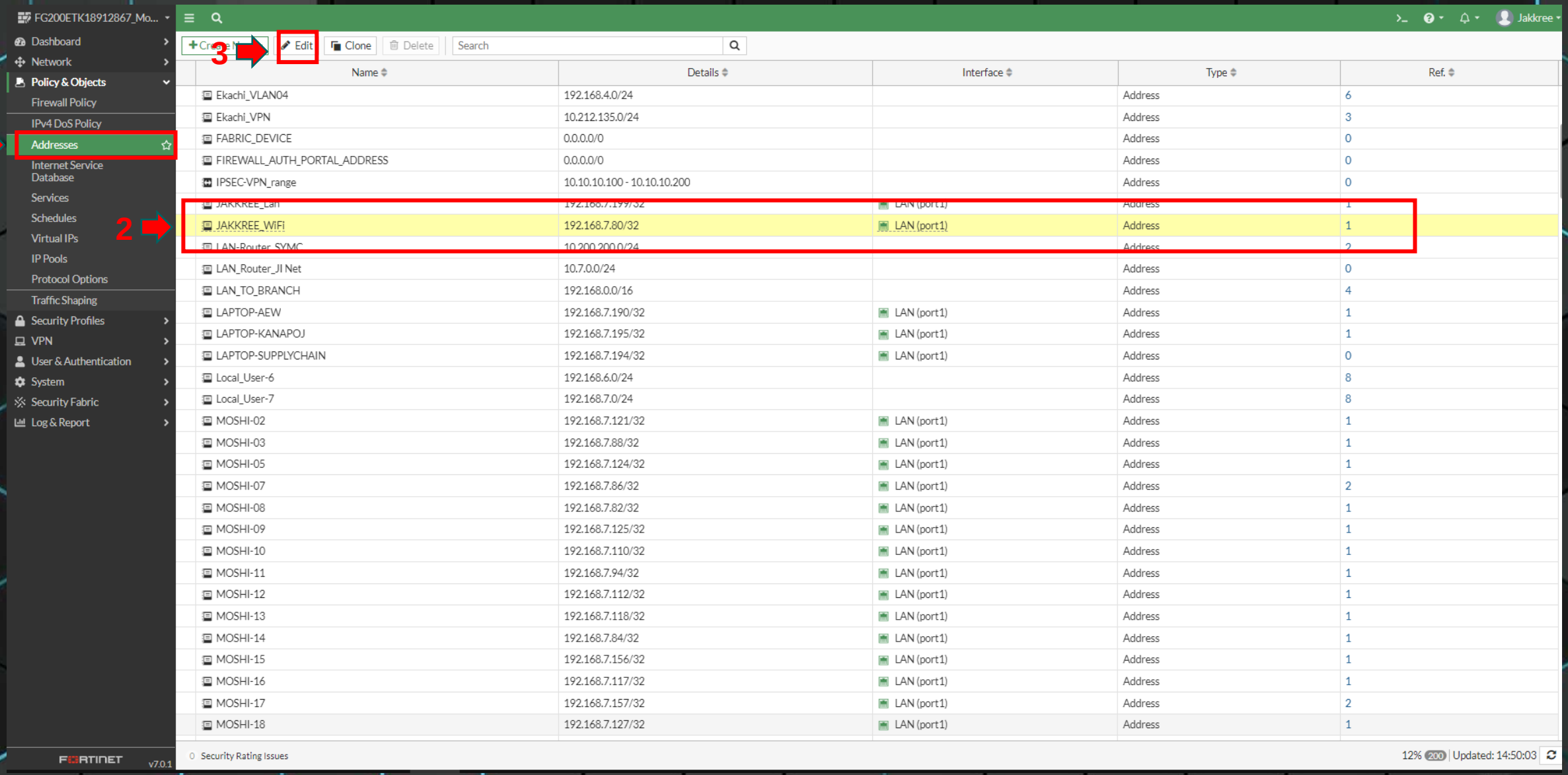
Action

Action type: Assign IP | Block | Reserve IP
IP: 192.168.3.22

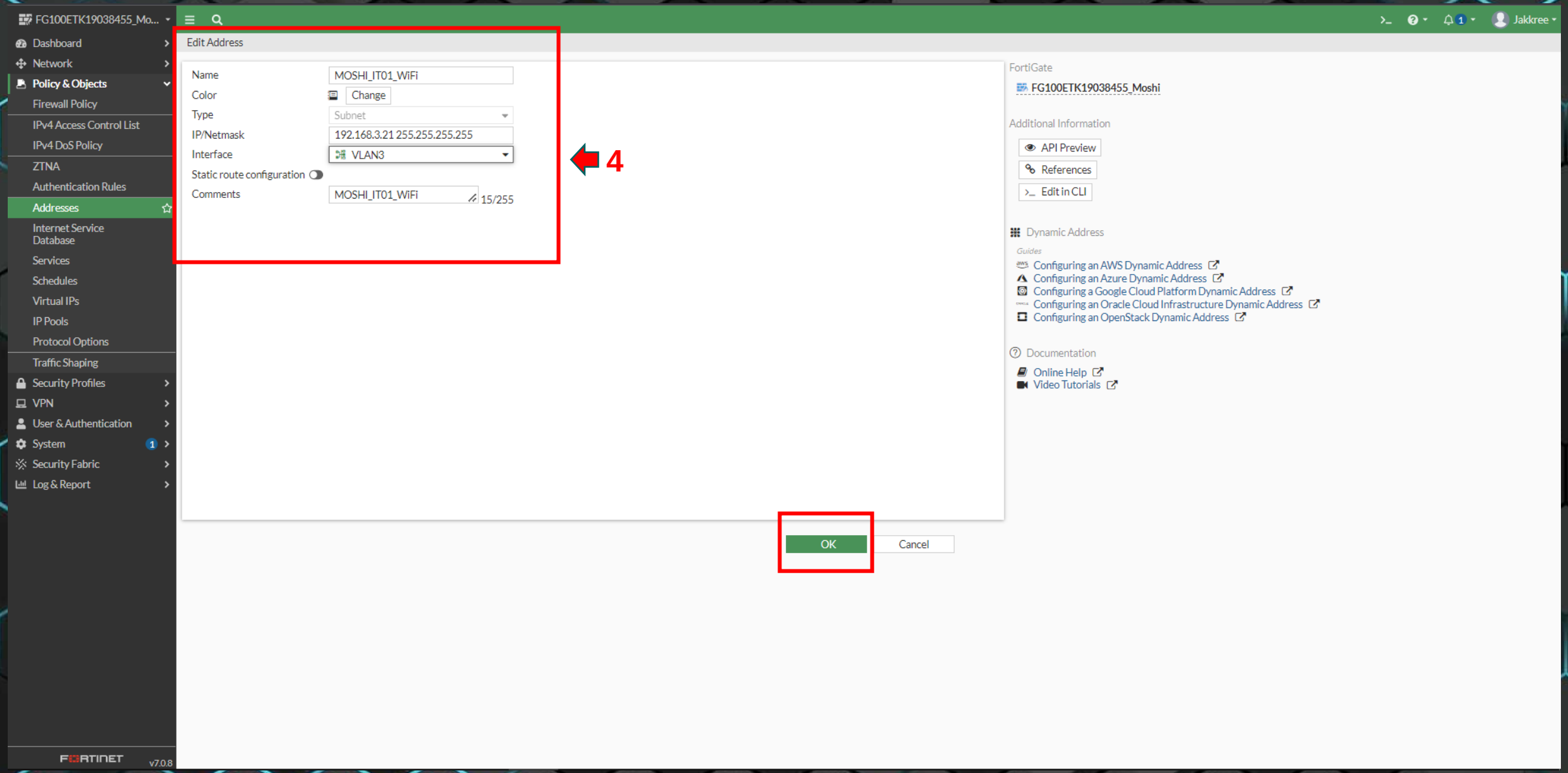
OK Cancel

Edit IP Address

Addresses-->Select->Edit



Name-->IP/Netmask-->Interface-->Comments



Group name Authentication-->Edit Members

FG100ETK19038455_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 Access Control List
  - IPv4 DoS Policy
  - ZTNA
  - Authentication Rules
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Address Group

Group name: User_WiFi-Moshi

Color: Change

Type: Group | Folder

Members:

- LAPTOP_คุณอ๋อง_WiFi
- LAPTOP-AC04_WiFi
- LAPTOP-AC17_WiFi
- LAPTOP-AEW_WiFi
- LAPTOP_AC20_WiFi
- LAPTOP_CFO_WiFi
- LAPTOP2_คุณอ๋อง_WiFi
- MACBOOKAIR-D6DF_WiFi
- MACBOOKPRO-532D_WiFi
- MOSHI_HR_พี่ตาเครื่องส่วนตัว
- MOSHI-AC04_iPad_WiFi
- MOSHI-CEO_iPad_WiFi
- MOSHI-SUPPLYSHAIN_WiFi
- MOSHI_AC07_WiFi
- MOSHI_AC20_iPad- WIFi
- MOSHI_AC20_WiFi
- MOSHI_AU04_WiFi
- MOSHI_AU06_WiFi
- MOSHI_AU07_WiFi
- MOSHI_AU08_WiFi
- MOSHI_CF01_WiFi
- MOSHI_HR01_WiFi
- MOSHI_HR02_WiFi
- MOSHI_HR03_WiFi
- MOSHI_HR05_WiFi
- MOSHI_HR07_WiFi
- MOSHI_HR08_WiFi
- MOSHI_IA01_WIFI
- MOSHI_Ipad_Natha _WiFi
- MOSHI_IT-WH_WiFi
- MOSHI_IT01_WiFi
- MOSHI_IT02_WiFi
- MOSHI_IT03_WiFi
- MOSHI_IT04_WiFi
- MOSHI_IT05_WiFi
- MOSHI_IT06_WiFi
- MOSHI_ME01_WiFi
- MOSHI_ME04_WiFi
- MOSHI_MK01_iPad_WiFi
- MOSHI_MK01_WiFi

5

Additional Information

- API Preview
- References
- Edit in CLI

Documentation

- Online Help
- Video Tutorials

OK | Cancel

Group name VLAN-->Edit Members

FG100ETK19038455_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 Access Control List
  - IPv4 DoS Policy
  - ZTNA
  - Authentication Rules
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Address Group

Group name: VLAN3_Allow_All

Color: Change

Type: Group | Folder

Members:
- LAPTOP-AC17_WiFi
- MOSHI_AC20_iPad-WIFi
- MOSHI_IA01_WIFI
- MOSHI_IT-WH_WiFi
- MOSHI_IT02_WiFi
- MOSHI_IT03_WiFi
- MOSHI_IT04_WiFi
- MOSHI_IT05_WiFi
- MOSHI_IT06_WiFi
- MOSHI_MK13_WiFi
- MOSHI_OPERATOR_WiFi
- MOSHI_SM02_WiFi
- MOSHI_SO10_WIFI
- MOSHI_SO18_WIFI
- MOSHI_SO19_WIFI
- MOSHI_VM01_WiFi
- USER_TEST

6

One or more members are associated with an interface (VLAN3). Only addresses that are not associated with an interface, or are associated with VLAN3 can be added.

Exclude members

Static route configuration

Comments: Write a comment... 0/255

OK | Cancel

Additional Information
- API Preview
- References
- Edit in CLI

Documentation
- Online Help
- Video Tutorials

Interfaces-->Hardware Switch-->Select VLAN

FG100ETK19038455_Mo...

- Dashboard
- Network
  - 7 Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
- SD-WAN
- Static Routes
- Policy Routes
- RIP
- 8 OSPF
- BGP
- Routing Objects
- Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System 1
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

FortiGate 100E

DMZ WAN1 HA1 1 3 5 7 9 11 13 15
MGMT WAN2 HA2 2 4 6 8 10 12 14 16

+ Create New | Edit | Delete | Integrate Interface | Search | Group By Type

Name	Type	Members	IP/Netmask	Transceiver(s)	Administrative Access	DHCP Clients	DHCP Ranges	Ref.
Hardware Switch 4								
LAN_Moshi (lan)	Hardware Switch	port1 port3 port4 port5 +10	192.168.2.1/255.255.255.0		PING HTTPS SSH SNMP +2	47	192.168.2.100-192.168.2.104	90
VLAN3	VLAN		192.168.3.1/255.255.255.0		PING HTTPS HTTP FMG-Access	33	192.168.3.110-192.168.3.200	94
VLAN4	VLAN		192.168.4.1/255.255.255.0		PING HTTPS HTTP FMG-Access			20
VLAN5	VLAN		192.168.5.1/255.255.255.0		PING HTTPS HTTP FMG-Access		192.168.5.2-192.168.5.253	2
Physical Interface 11								
dmz	Physical Interface		10.10.10.1/255.255.255.0		PING HTTPS HTTP FMG-Access Security Fabric Connection			0
ha1	Physical Interface		0.0.0.0/0.0.0.0					0
ha2	Physical Interface		0.0.0.0/0.0.0.0					0
mgmt	Physical Interface		192.168.0.99/255.255.255.0		PING HTTPS SSH HTTP FMG-Access		192.168.0.110-192.168.0.210	1
port16	Physical Interface		0.0.0.0/0.0.0.0					0
wan1	Physical Interface		10.200.100.2/255.255.255.0		PING			16

1 Security Rating Issues

0% 19 | Updated: 16:59:46

IP Address Assignment Rules-->Select-->Edit

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
- SD-WAN
- Static Routes
- Policy Routes
- RIP
- OSPF
- BGP
- Routing Objects
- Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Time zone: Same as System | Specify | (GMT+7:00) Bangkok, Hanoi, Jakarta

Next bootstrap server: 0.0.0.0

TFTP server(s)

Additional DHCP Options

Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

9 | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 98:af:65:65:a9:fa	Reserve IP	MOSHI_IT01_WiFi
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	MOSHI_IT02_WiFi
MAC Address	MAC address: 7c:2a:31:40:b1:db	Reserve IP	MOSHI_IT03_WiFi
MAC Address	MAC address: 34:7d:f6:7b:cd:11	Reserve IP	MOSHI_IT04_WiFi
MAC Address	MAC address: a0:29:42:cb:8a:40	Reserve IP	MOSHI_SO01_WiFi
MAC Address	MAC address: dc:f5:05:8f:ce:41	Reserve IP	MOSHI_SO02_WiFi
MAC Address	MAC address: d0:53:49:eb:65:05	Reserve IP	MOSHI_AU04_WiFi
MAC Address	MAC address: 10:5b:ad:ce:e6:e3	Reserve IP	MOSHI_SM02_WiFi
MAC Address	MAC address: 3c:95:09:38:af:f1	Reserve IP	MOSHI_AU06_WiFi

0% 93

Network

Device detection

Security mode: Captive Portal

Authentication portal: Local | External

User access: Restricted to Groups | Allow all

User groups: Intrernet-Part time

FortiGate: FG100ETK19038455_Moshi

Active Administrator Sessions: 1 HTTPS

MAC address: 04:d5:90:8a:41:f2

Additional Information: API Preview | References | Edit in CLI

Documentation: Online Help | Video Tutorials

OK | Cancel

Edit Description-->MAC address-->Action type-->IP

FG100ETK19038455_Mo...

- Dashboard
- Network
  - Interfaces
  - DNS
  - DNS Servers
  - Packet Capture
  - FortiExtenders
- SD-WAN
- Static Routes
- Policy Routes
- RIP
- OSPF
- BGP
- Routing Objects
- Multicast
- Policy & Objects
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.8

Jakkree

Edit Interface

Mode: Server | Relay
Type: Regular | IPsec
NTP server: Local | Same as System NTP | Specify
Wireless controllers: Same as Interface IP | Specify
Time zone: Same as System | Specify | (GMT+7:00) Bangkok, Hanoi, Jakarta
Next bootstrap server: 0.0.0.0
TFTP server(s)

Additional DHCP Options

Create New | Edit | Delete | Search

Code	Type	Value
No results		

IP Address Assignment Rules

Create New | Edit | Delete | Search | Add from DHCP Client List

Type	Match Criteria	Action	IP
MAC Address	MAC address: 98:af:65:65:a9:fa	Reserve IP	MOSHI_IT01_WiFi
MAC Address	MAC address: 3c:6a:a7:83:8d:03	Reserve IP	MOSHI_IT02_WiFi
MAC Address	MAC address: 7c:2a:31:40:b1:db	Reserve IP	MOSHI_IT03_WiFi
MAC Address	MAC address: 34:7d:f6:7b:cd:11	Reserve IP	MOSHI_IT04_WiFi
MAC Address	MAC address: 0c:7a:15:a8:24:83	Reserve IP	MOSHI_SO01_WiFi
MAC Address	MAC address: dc:f5:05:8f:ce:41	Reserve IP	MOSHI_SO02_WiFi
MAC Address	MAC address: d0:53:49:eb:65:05	Reserve IP	MOSHI_AU04_WiFi
MAC Address	MAC address: 10:5b:ad:ce:e6:e3	Reserve IP	MOSHI_SM02_WiFi
MAC Address	MAC address: 3c:95:09:38:af:f1	Reserve IP	MOSHI_AU06_WiFi

0% 85

Network

OK

Edit IP Address Assignment Rule

Type: MAC Address | DHCP Relay Agent
Description: MOSHI_IT02_WiFi 15/255

Match Criteria

MAC address: 3c:6a:a7:83:8d:03

Action

Action type: Assign IP | Block | Reserve IP
IP: 192.168.3.22

10

OK | Cancel

Virtual Ips (WH)

Virtual IPs-->Create New

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - 1 Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

2 + Create New | Edit | Clone | Delete | Search

Name	Details	Interfaces	Services	Ref.	Hit Count	Last Used
CCTV2-6037	119.110.226.178 → 192.168.8.2 (TCP: 6037 → 6037)	WAN_1_SYMC (wan2)		1	0	
CCTV3-203	119.110.226.178 → 192.168.8.3 (TCP: 203 → 203)	WAN_1_SYMC (wan2)		1	0	
CCTV3-6038	119.110.226.178 → 192.168.8.3 (TCP: 6038 → 6038)	WAN_1_SYMC (wan2)		1	0	
CCTV4-204	119.110.226.178 → 192.168.8.4 (TCP: 204 → 204)	WAN_1_SYMC (wan2)		1	0	
CCTV4-6039	119.110.226.178 → 192.168.8.4 (TCP: 6039 → 6039)	WAN_1_SYMC (wan2)		1	0	
CCTV5-205	119.110.226.178 → 192.168.8.5 (TCP: 205 → 205)	WAN_1_SYMC (wan2)		1	0	
CCTV5-6040	119.110.226.178 → 192.168.8.5 (TCP: 6040 → 6040)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Moshi	119.110.226.178 → 192.168.9.7 (TCP: 81 → 81)	WAN_1_SYMC (wan2)		1	0	
CCTV6-206	119.110.226.178 → 192.168.8.6 (TCP: 206 → 206)	WAN_1_SYMC (wan2)		1	0	
CCTV6-6041	119.110.226.178 → 192.168.8.6 (TCP: 6041 → 6041)	WAN_1_SYMC (wan2)		1	0	
Content	119.110.226.178 → 192.168.9.4 (TCP: 8088 → 8088)	WAN_1_SYMC (wan2)		1	2,442,611	Second ago
Ada-Report_Moshi_1	119.110.226.178 → 192.168.9.7 (TCP: 15672 → 15672)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Moshi_2	119.110.226.178 → 192.168.9.7 (TCP: 5672 → 5672)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Moshi_3	119.110.226.178 → 192.168.9.7 (TCP: 15674 → 15674)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Giant_1	171.103.58.22 → 192.168.9.14 (TCP: 15672 → 15672)	WAN_2_TRUE (port2)		1	0	
Ada-Report_Giant_2	171.103.58.22 → 192.168.9.14 (TCP: 5672 → 5672)	WAN_2_TRUE (port2)		1	0	
Ada-Report_Giant_3	171.103.58.22 → 192.168.9.14 (TCP: 15674 → 15674)	WAN_2_TRUE (port2)		1	0	
Ada-Report_Giant	171.103.58.22 → 192.168.9.14 (TCP: 8080 → 8080)	WAN_2_TRUE (port2)		1	0	
Nas_WH	119.110.226.178 → 192.168.9.17 (TCP: 8082 → 8082)	WAN_1_SYMC (wan2)		1	2,295	Hour ago
API-ADA01	119.110.226.178 → 192.168.9.7 (TCP: 8092 → 8092)	WAN_1_SYMC (wan2)		1	0	
API-ADA02	119.110.226.178 → 192.168.9.9 (TCP: 8093 → 8093)	WAN_1_SYMC (wan2)		1	0	
API-ADA03	119.110.226.178 → 192.168.9.10 (TCP: 8094 → 8094)	WAN_1_SYMC (wan2)		1	0	
API-ADA04	119.110.226.178 → 192.168.9.11 (TCP: 8095 → 8095)	WAN_1_SYMC (wan2)		1	0	
API-ADA05	119.110.226.178 → 192.168.9.12 (TCP: 8096 → 8096)	WAN_1_SYMC (wan2)		1	0	
API-GIANT01	171.103.58.22 → 192.168.9.14 (TCP: 8097 → 8097)	WAN_2_TRUE (port2)		1	0	
Clone of Nas_WH	119.110.226.178 → 192.168.9.17 (TCP: 21 → 21)	WAN_1_SYMC (wan2)		0	0	
CCTV7-207	119.110.226.178 → 192.168.8.7 (TCP: 207 → 207)	WAN_1_SYMC (wan2)		1	0	
CCTV7-6042	119.110.226.178 → 192.168.8.7 (TCP: 6042 → 6042)	WAN_1_SYMC (wan2)		1	0	
ITservicesystem	119.110.226.178 → 192.168.9.3 (TCP: 8098 → 8098)	WAN_1_SYMC (wan2)		1	113,245	Second ago
SQL_ADA	119.110.226.178 → 192.168.9.8 (TCP: 1433 → 1433)	WAN_1_SYMC (wan2)		1	10,125,941	Second ago

40% 38

Virtual IPs-->Name-->Network-->Interface-->Type External IP address/range-->Map to IPv4 address/range-->Port Forwarding

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

FORTINET v7.0.1

Jakkree

Edit Virtual IP

VIP type	IPv4
Name	Ada-Report_Moshi
Comments	Write a comment... 0/255
Color	Change

Network

Interface	WAN_1_SYMC (wan2)
Type	Static NAT
External IP address/range	119.110.226.178
Map to	
IPv4 address/range	192.168.9.7

Optional Filters

Port Forwarding

Protocol	TCP UDP SCTP ICMP
External service port	81
Map to IPv4 port	81

3

OK Cancel

FortiGate

FG200ETK18912867_Moshi

Statistics (since last reset)

ID	
Last used	N/A
First used	N/A
Hit count	0

Clear Counters

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Services->Create New

FG200ETK18912867_Mo...

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  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

4 → Services

5 → + Create New

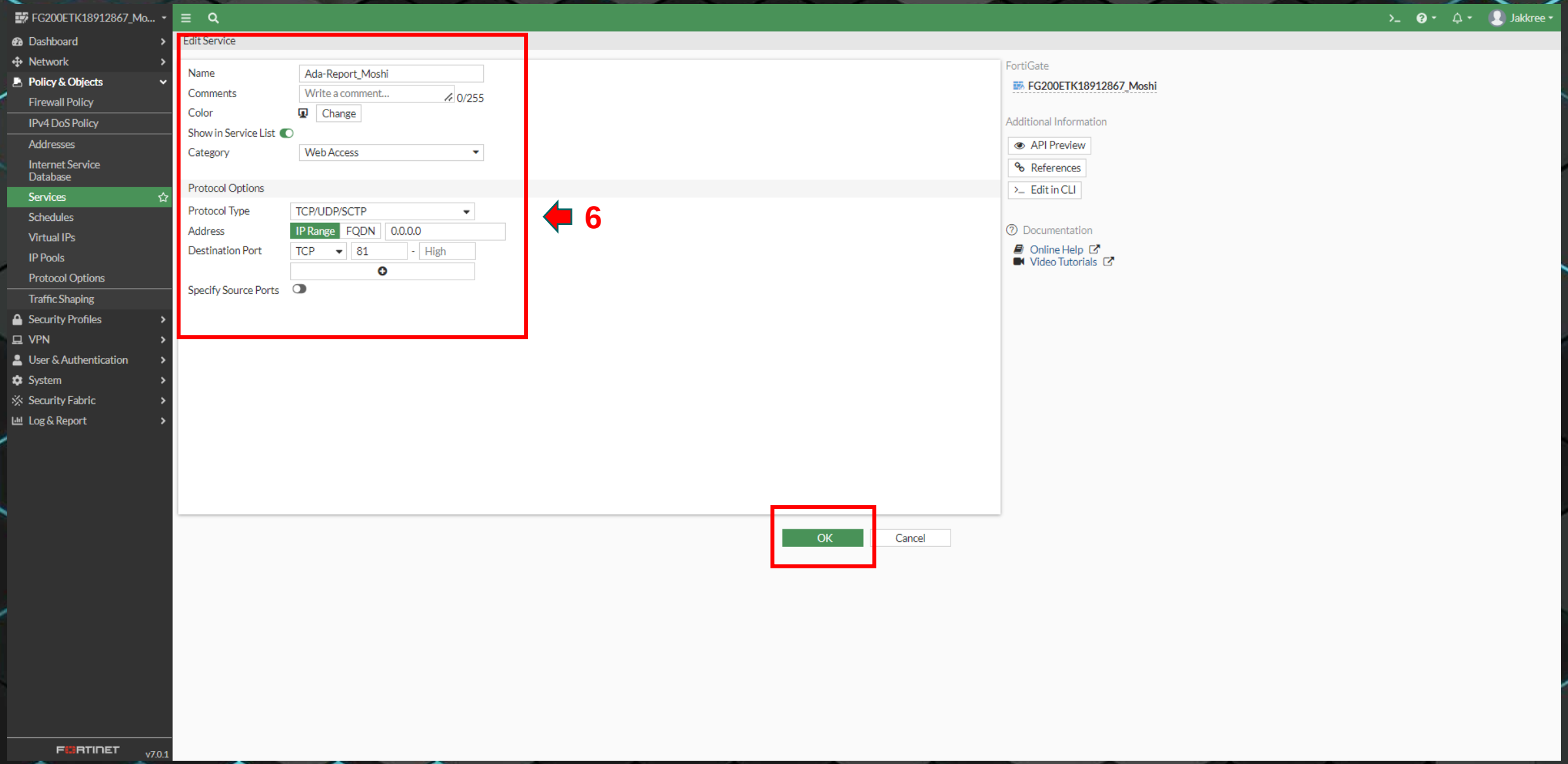
Edit | Clone | Delete | Category Settings | Search

Service Name	Details	IP/FQDN	Show in Service List	Ref.
General 5				
ALL	ANY		Visible	12
ALL_TCP	TCP/1-65535	0.0.0.0	Visible	15
ALL_UDP	UDP/1-65535	0.0.0.0	Visible	11
ALL_ICMP	ANY		Visible	14
ALL_ICMP6	ANY		Visible	0
Web Access 17				
HTTP	TCP/80	0.0.0.0	Visible	15
HTTPS	TCP/443	0.0.0.0	Visible	16
Ada-Report_Moshi	TCP/81	0.0.0.0	Visible	3
Ada-Rabbit_1	TCP/15672	0.0.0.0	Visible	4
Ada-Rabbit_2	TCP/5672	0.0.0.0	Visible	4
Ada-Rabbit_3	TCP/15674	0.0.0.0	Visible	4
Ada-Report_Giant	TCP/8080	0.0.0.0	Visible	2
Nas_WH	TCP/8082	0.0.0.0	Visible	1
API-ADAI01	TCP/8092	0.0.0.0	Visible	2
API-ADAI02	TCP/8093	0.0.0.0	Visible	2
API-ADAI03	TCP/8094	0.0.0.0	Visible	2
API-ADAI04	TCP/8095	0.0.0.0	Visible	2
API-ADAI05	TCP/8096	0.0.0.0	Visible	2
API-GIANT01	TCP/8097	0.0.0.0	Visible	2
ITservicesystem	TCP/8098	0.0.0.0	Visible	2
NewYear_2023	TCP/8099	0.0.0.0	Visible	1
API-BzB	TCP/8079	0.0.0.0	Visible	1
File Access 8				
SAMBA	TCP/139	0.0.0.0	Visible	1
SMB	TCP/445	0.0.0.0	Visible	1
FTP	TCP/21	0.0.0.0	Visible	0
FTP_GET	TCP/21	0.0.0.0	Visible	0
FTP_PUT	TCP/21	0.0.0.0	Visible	0

Security Rating Issues 0% 111

FORTINET v7.0.1

Service Name-->Category-->Protocol Options



Firewall Policy-->Create New

FG200ETK18912867_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 DoS Policy
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
  - IP Pools
  - Protocol Options
  - Traffic Shaping
- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

7 8

Jakkree

+Create New | Edit | Delete | Policy Lookup | Search | Interface Pair View | By Sequence

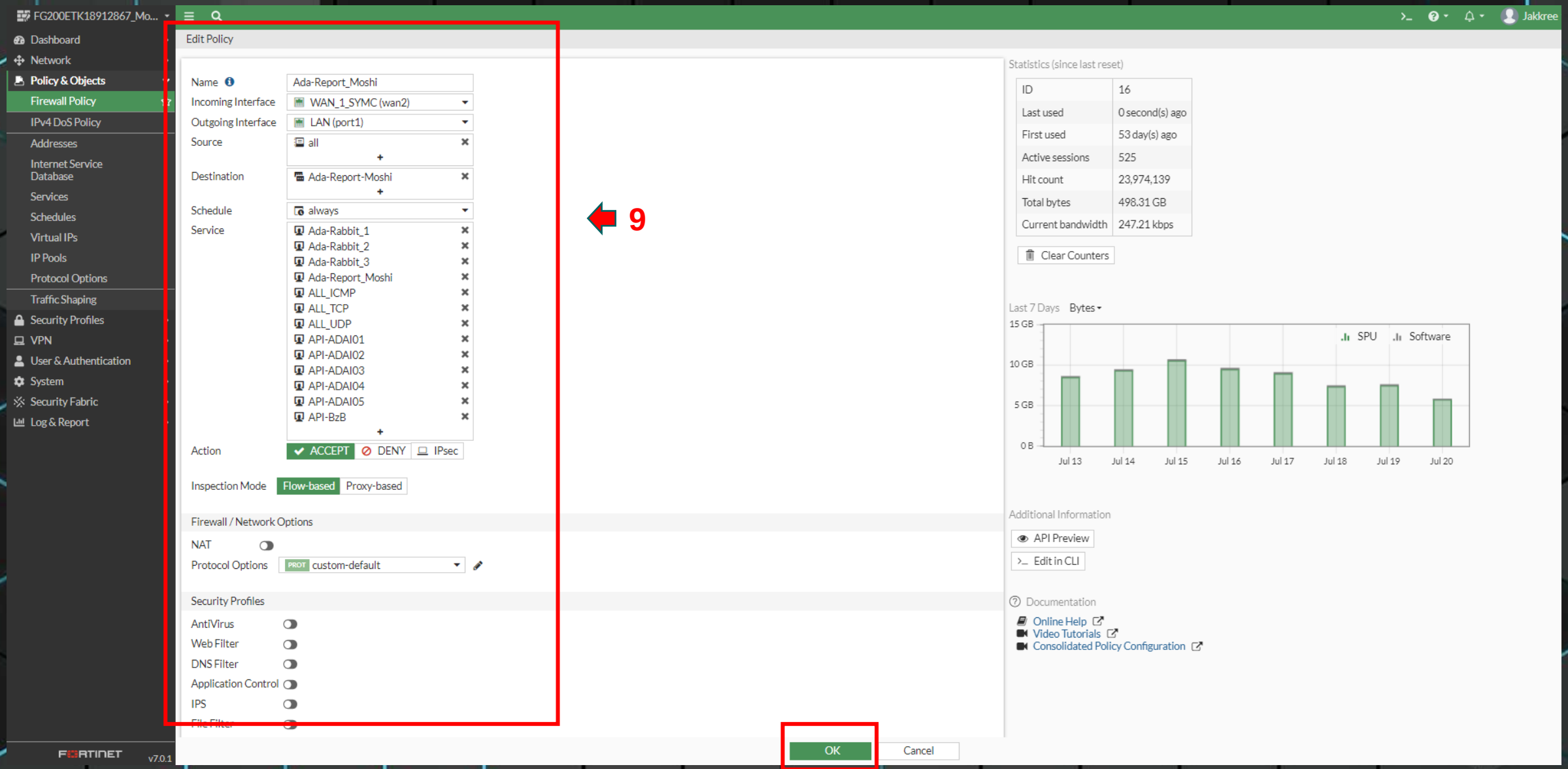
Name	Source	Destination	Schedule	Service	Action	NAT	Security Profiles	Log	Bytes
VPN-TO-SAP → LAN (port1) 1									
VPN-TO-SAP → wan1 1									
WAN_1_SYMC (wan2) → LAN (port1) 7									
FW-CCTV	all	FW-CCTV	always	NVR-1 NVR-1-1	ACCEPT	Enabled	AV default IPS default SSL certificate-inspection	All	516.27 GB
Ada-Report_Moshi	all	Ada-Report-Moshi	always	Ada-Report_Moshi Ada-Rabbit_1 Ada-Rabbit_2 Ada-Rabbit_3 API-ADAI01 API-ADAI02 API-ADAI03 API-ADAI04 API-ADAI05 ALL_ICMP ALL_TCP ALL_UDP API-BzB	ACCEPT	Disabled	SSL certificate-inspection	All	498.30 GB
Content	all	Content	always	Content	ACCEPT	Disabled	AV default IPS default SSL certificate-inspection	All	225.42 GB
ITservicesystem	all	ITservicesystem	always	ITservicesystem	ACCEPT	Disabled	SSL certificate-inspection	All	7.48 GB
Newyear_2023	all	Newyear_2023	always	NewYear_2023	ACCEPT	Disabled	SSL certificate-inspection	All	289.09 MB
SQL_Ada	all	SQL_ADA	always	MS-SQL MYSQL	ACCEPT	Disabled	AV default IPS default SSL certificate-inspection	All	513.87 GB
NAS_WH	all	Nas_WH	always	Nas_WH	ACCEPT	Disabled	AV default IPS default SSL certificate-inspection	All	5.41 MB
WAN_2_TRUE (port2) → LAN (port1) 1									
WAN_JI Net (port3) → LAN (port1) 1									
WAN_JI Net (port3) → wan1 1									
wan1 → LAN (port1) 2									
wan1 → VPN-TO-SAP 1									
wan1 → WAN_JI Net (port3) 1									

3 Security Rating Issues

60% 36 | Updated: 16:47:19

FORTINET v7.0.1

Name-->Incoming Interface-->Outgoing interface-->Source-->Destination-->Schedule -->Service -->Action Accept



Virtual Ips (HQ)

Firewall Policy-->Create New

FG100ETK19038455_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 Access Control List
  - IPv4 DoS Policy
  - ZTNA
  - Authentication Rules
  - Addresses
  - Internet Service Database
  - Services
  - Schedules
  - Virtual IPs
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  - Traffic Shaping
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- User & Authentication
- System
- Security Fabric
- Log & Report

1 → Virtual IPs

2 → + Create New

Jakkree

+ Create New | Edit | Clone | Delete | Search

Name	Details	Interfaces	Services	Ref.	Hit Count	Last Used
IPv4 Virtual IP 15						
hr.moshimoshijp.co.th	161.82.242.122 → 192.168.4.4 (TCP: 8001 → 8001)	WAN_1_SYMC (wan2)		1	69,679	4 seconds ago
CCTV_02	161.82.242.122 → 192.168.2.9 (TCP: 6035 → 6035)	WAN_1_SYMC (wan2)		1	74	7 hours ago
API_ADA	161.82.242.122 → 192.168.4.7 (TCP: 8080 → 8080)	WAN_1_SYMC (wan2)		1	0	
MEETING_ROOM	161.82.242.122 → 192.168.4.8 (TCP: 3305 → 3305)	WAN_1_SYMC (wan2)		1	7,755	19 seconds ago
MEETING_ROOM_SLQ	161.82.242.122 → 192.168.4.8 (TCP: 3306 → 3306)	WAN_1_SYMC (wan2)		1	64,085	9 minutes ago
API_UAT_ADA	161.82.242.122 → 192.168.4.7 (TCP: 8091 → 8091)	WAN_1_SYMC (wan2)		2	0	
Ada-Report_Moshi_1	161.82.242.122 → 192.168.4.7 (TCP: 15672 → 15672)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Moshi_2	161.82.242.122 → 192.168.4.7 (TCP: 5672 → 5672)	WAN_1_SYMC (wan2)		1	0	
Ada-Report_Moshi_3	161.82.242.122 → 192.168.4.7 (TCP: 15674 → 15674)	WAN_1_SYMC (wan2)		1	0	
INTERNET_Moshi_1	161.82.242.122 → 192.168.4.8 (TCP: 8047 → 8047)	WAN_1_SYMC (wan2)		1	22	3 hours ago
INTERNET_Moshi_2	161.82.242.122 → 192.168.4.8 (TCP: 8048 → 8048)	WAN_1_SYMC (wan2)		1	232	Yesterday
CCTV_01	161.82.242.122 → 192.168.2.8 (TCP: 8000 → 8000)	WAN_1_SYMC (wan2)		1	13,094	10 seconds ago
CCTV_03	161.82.242.122 → 192.168.2.9 (TCP: 86 → 86)	WAN_1_SYMC (wan2)		1	251	7 hours ago
Helpdesk_Moshi	161.82.242.122 → 192.168.4.8 (TCP: 8432 → 8432)	WAN_1_SYMC (wan2)		1	2,876	7 minutes ago
Helpdesk_UAT	161.82.242.122 → 192.168.4.8 (TCP: 8433 → 8433)	WAN_1_SYMC (wan2)		1	725	14 hours ago
IPv4 Virtual IP Group 1						
API_UAT	Ada-Report_Moshi_1 Ada-Report_Moshi_2 Ada-Report_Moshi_3 API_ADA API_UAT_ADA	WAN_1_SYMC (wan2)		1	21	Sunday

FORTINET v7.0.8

16

Virtual IPs-->Name-->Network-->Interface-->Type External IP address/range-->Map to IPv4 address/range-->Port Forwarding

FG100ETK19038455_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 Access Control List
  - IPv4 DoS Policy
  - ZTNA
  - Authentication Rules
  - Addresses
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  - Protocol Options
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FORTINET v7.0.8

Jakkree

Edit Virtual IP

VIP type	IPv4
Name	hr.moshimoshijp.co.th
Comments	Prosoft 7/255
Color	Change

Network

Interface	WAN_1_SYMC (wan2)
Type	Static NAT
External IP address/range	161.82.242.122
Map to	
IPv4 address/range	192.168.4.4

Optional Filters

Port Forwarding

Protocol	TCP UDP SCTP ICMP
Port Mapping Type	One to one Many to many
External service port	8001
Map to IPv4 port	8001

3

OK Cancel

FortiGate

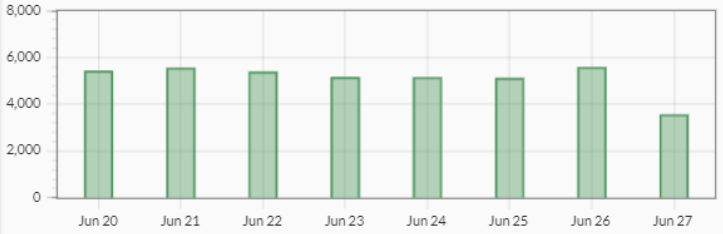
FG100ETK19038455_Moshi

Statistics (since last reset)

ID	1
Last used	0 second(s) ago
First used	12 day(s) ago
Hit count	69,702

Clear Counters

Last 7 Days Hit Count



Additional Information

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References
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Services->Create New

FG100ETK19038455_Mo...

- Dashboard
- Network
- Policy & Objects
  - Firewall Policy
  - IPv4 Access Control List
  - IPv4 DoS Policy
  - ZTNA
  - Authentication Rules
  - Addresses
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- Security Profiles
- VPN
- User & Authentication
- System
- Security Fabric
- Log & Report

4 → Services

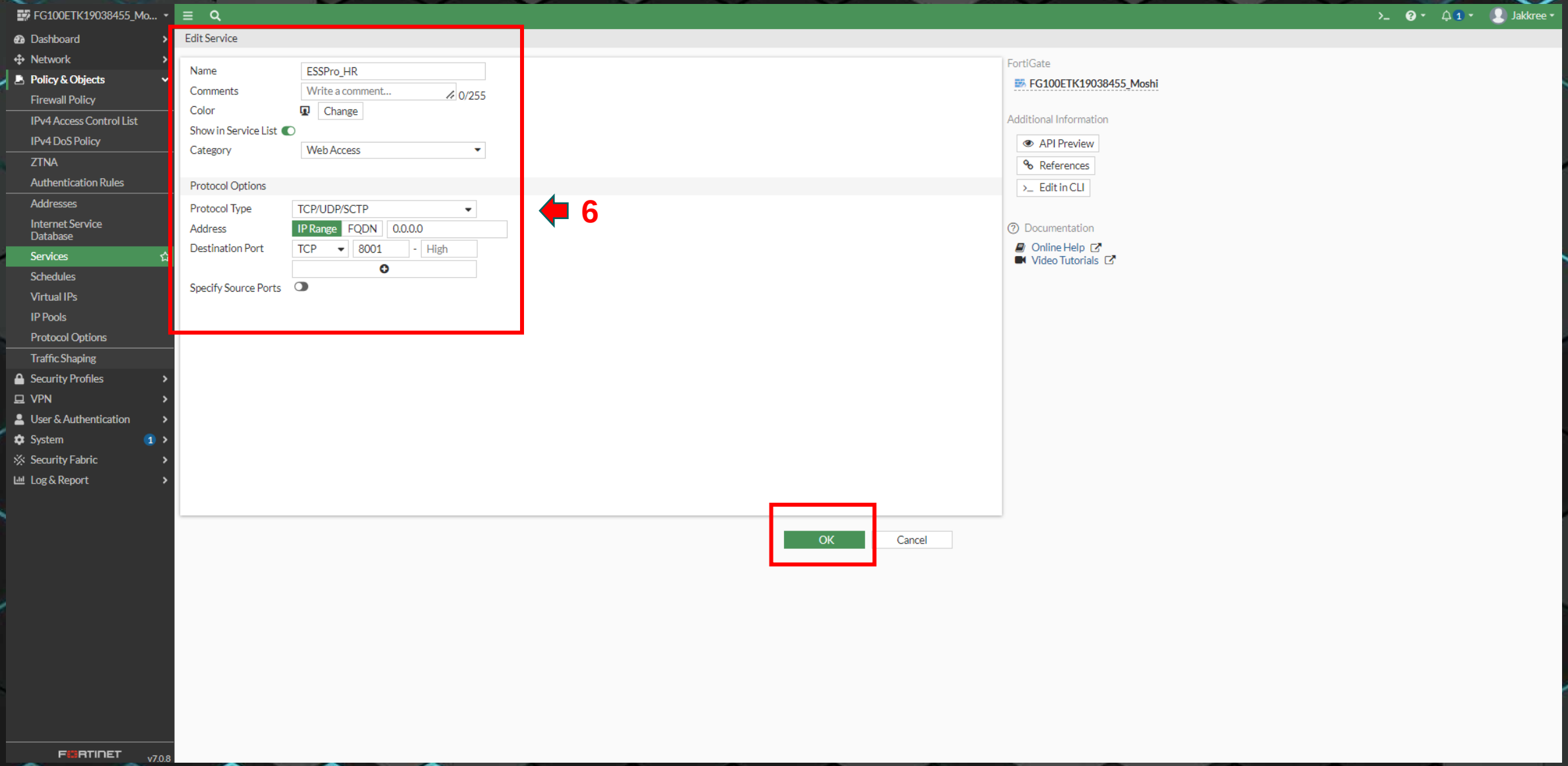
5 → + Create New

Edit | Clone | Delete | Category Settings | Search

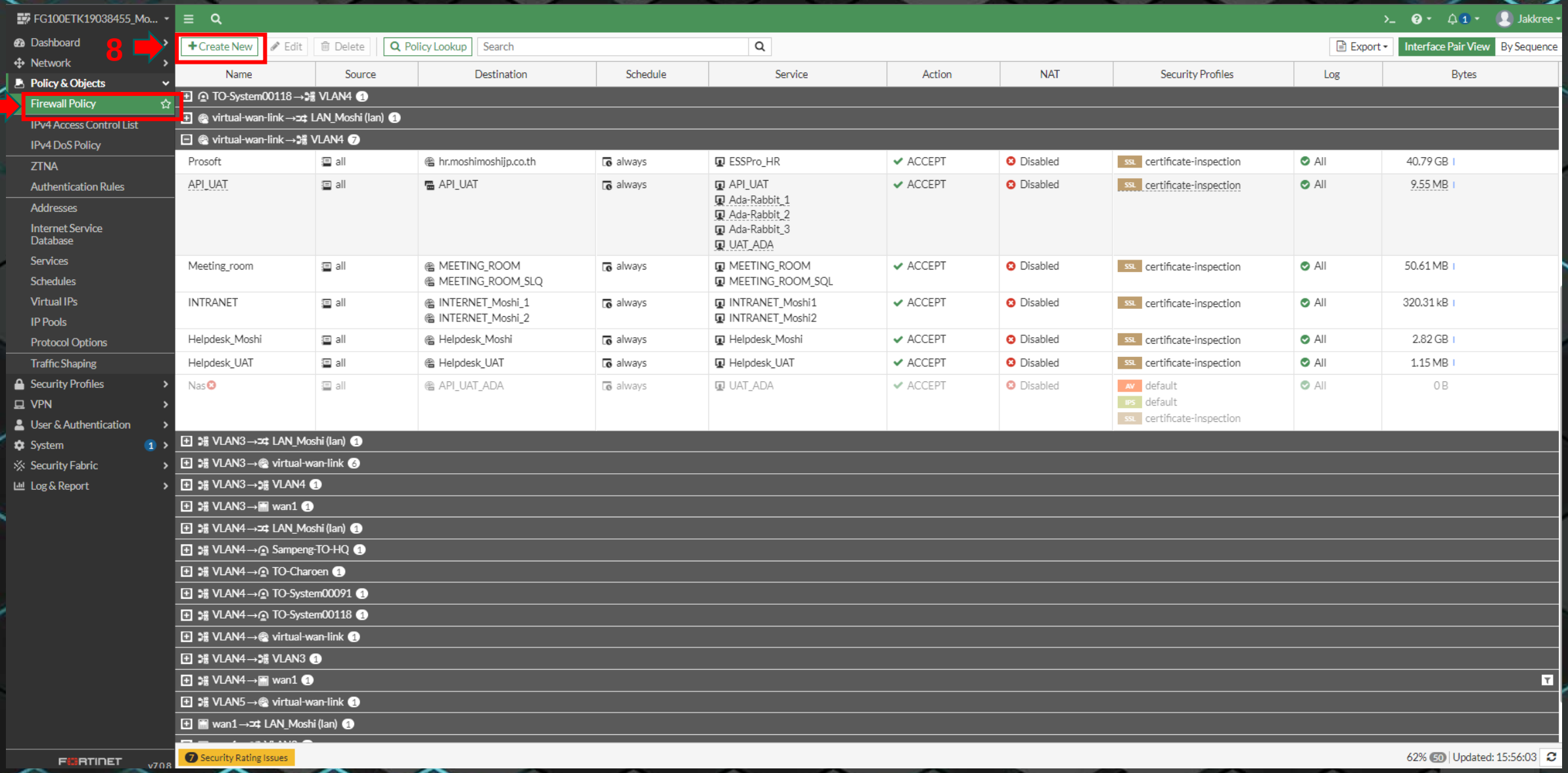
Service Name	Details	IP/FQDN	Show in Service List	Ref.
General 5				
ALL	ANY		Visible	28
ALL_TCP	TCP/1-65535	0.0.0.0	Visible	20
ALL_UDP	UDP/1-65535	0.0.0.0	Visible	20
ALL_ICMP	ANY		Visible	21
ALL_ICMP6	ANY		Visible	0
Web Access 19				
HTTP	TCP/80	0.0.0.0	Visible	22
HTTPS	TCP/443	0.0.0.0	Visible	23
Firewall	TCP/8001 TCP/8002	0.0.0.0	Visible	0
Content_Moshi	TCP/8008	119.110.226.178	Visible	1
ESSPro_HR	TCP/8001	0.0.0.0	Visible	2
UAT_ADA	TCP/8080	0.0.0.0	Visible	3
MEETING_ROOM	TCP/3305	0.0.0.0	Visible	2
MEETING_ROOM_SQL	TCP/3306	0.0.0.0	Visible	2
API_UAT	TCP/8091	0.0.0.0	Visible	2
Ada-Rabbit_1	TCP/15672	0.0.0.0	Visible	1
Ada-Rabbit_2	TCP/5672	0.0.0.0	Visible	1
Ada-Rabbit_3	TCP/15674	0.0.0.0	Visible	1
INTRANET_Moshi1	TCP/8047	0.0.0.0	Visible	2
INTRANET_Moshi2	TCP/8048	0.0.0.0	Visible	2
CCTV_01	TCP/8000	0.0.0.0	Visible	1
CCTV_02	TCP/6035	0.0.0.0	Visible	1
CCTV_03	TCP/86	0.0.0.0	Visible	1
Helpdesk_Moshi	TCP/8432	0.0.0.0	Visible	2
Helpdesk_UAT	TCP/8433	0.0.0.0	Visible	2
File Access 8				
SAMBA	TCP/139	0.0.0.0	Visible	1
SMB	TCP/445	0.0.0.0	Visible	1
FTP	TCP/21	0.0.0.0	Visible	2

FORTINET v7.0.8 | 0 Security Rating Issues | 0% 108

Service Name-->Category-->Protocol Options



Firewall Policy-->Create New



Name-->Incoming Interface-->Outgoing interface-->Source-->Destination-->Schedule -->Service -->Action Accept

FG100ETK19038455_Mo...

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  - IPv4 DoS Policy
  - ZTNA
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- System 1
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- Log & Report

FORTINET v7.0.8

Jakkree

Edit Policy

Name	Prosoft
Incoming Interface	virtual-wan-link
Outgoing Interface	VLAN4
Source	all
IP/MAC Based Access Control	+
Destination	hr.moshimoshijp.co.th
Schedule	always
Service	ESSPro_HR
Action	ACCEPT / DENY / IPsec
Inspection Mode	Flow-based / Proxy-based

Firewall / Network Options

NAT

Protocol Options: PROT default

Security Profiles

AntiVirus
Web Filter
Video Filter
DNS Filter
Application Control
IPS
File Filter
Email Filter
Web Application Firewall

SSL Inspection: SSL certificate-inspection

Logging Options

Log Allowed Traffic: Security Events / All Sessions

Comments: Write a comment... 0/1023

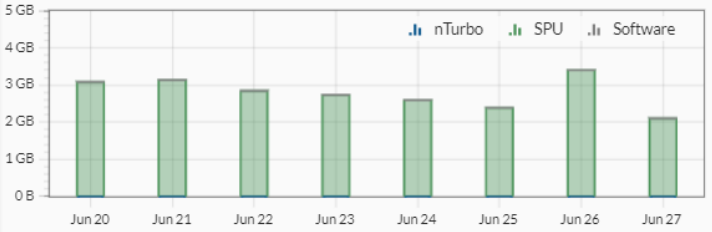
9

Statistics (since last reset)

ID	24
Last used	5 second(s) ago
First used	12 day(s) ago
Active sessions	19
Hit count	69,769
Total bytes	40.80 GB
Current bandwidth	428.33 kbps

Clear Counters

Last 7 Days Bytes



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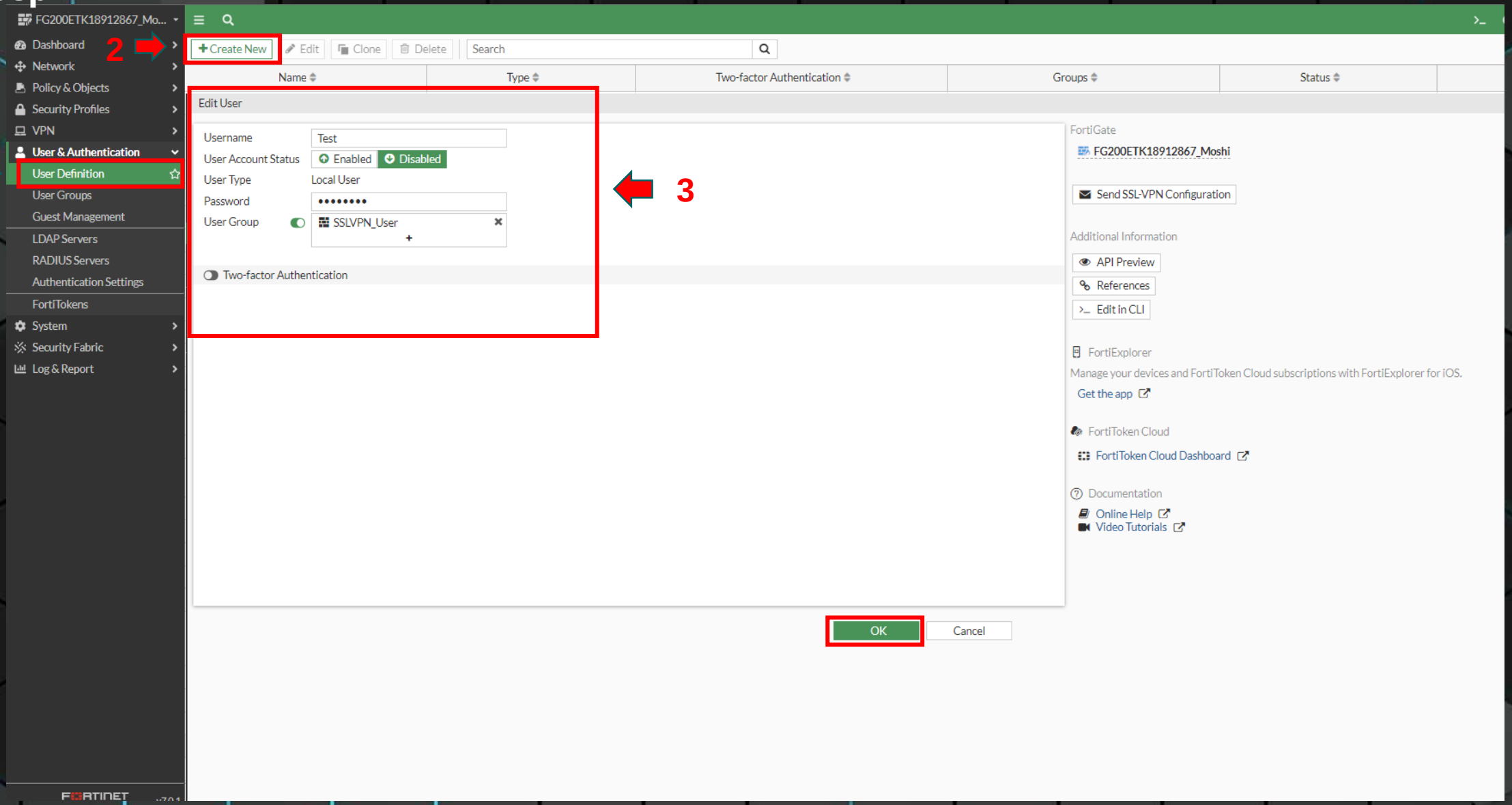
Consolidated Policy Configuration

OK Cancel

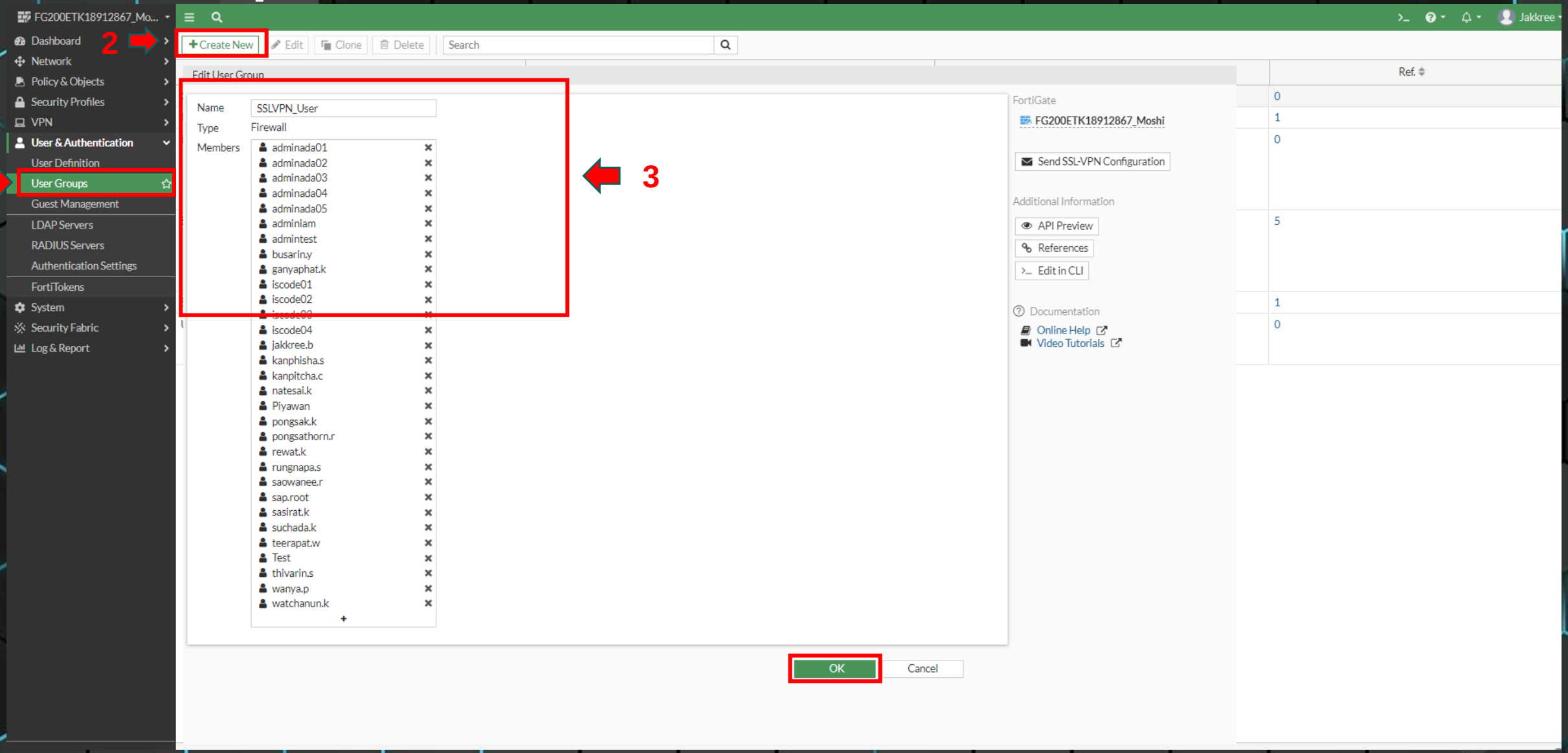
Add User & Authentication

User Definition-->Create New-->Username-->User Account Status Enable/Disabled-->Password-->User Group



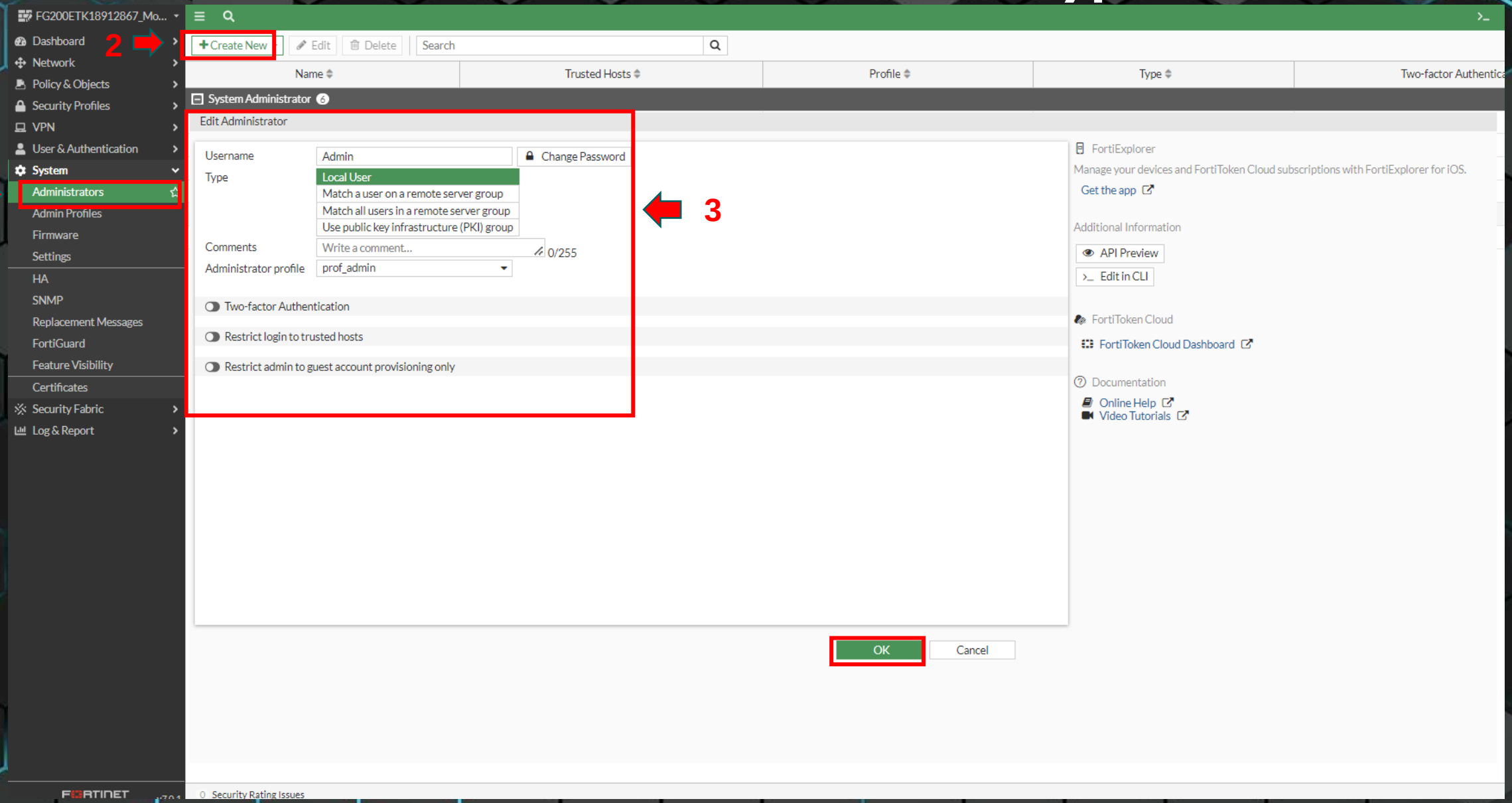
Add User Groups

User Groups-->Create New-->Members



Add Administrator System

Administrators-->Create New-->Username-->Type



Add Admin Profiles System

Admin Profiles-->Create New-->name-->Access Permissions

FG200ETK18912867_Mo...
Dashboard
Network
Policy & Objects
Security Profiles
VPN
User & Authentication
System
Administrators
Admin Profiles
Firmware
Settings
HA
SNMP
Replacement Messages
FortiGuard
Feature Visibility
Certificates
Security Fabric
Log & Report

1 2 3

+ Create New | Edit | Delete | Search

New Admin Profile

Name: Test
Comments: 0/255

Access Permissions

Access Control	Permissions (Set All)
Security Fabric	None / Read / Read/Write
FortiView	None / Read / Read/Write
User & Device	None / Read / Read/Write
Firewall	None / Read / Read/Write / Custom
Log & Report	None / Read / Read/Write / Custom
Network	None / Read / Read/Write / Custom
System	None / Read / Read/Write / Custom
Security Profile	None / Read / Read/Write / Custom
VPN	None / Read / Read/Write
WiFi & Switch	None / Read / Read/Write

Permit usage of CLI diagnostic commands

Override Idle Timeout
Never Timeout
Offline 10 1 - 480 minutes

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OK Cancel

Ref.
4
3

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FORTINET v7.0.1

THANK YOU