Ordering Multiple Sensors
Use Cases to correctly associate PAKs and licenses in CCW

April 3rd, 2015   v1.0

Associating FireSIGHT and FirePOWER Licenses in CCW

Purpose:

- Depending on a customer's deployment plans, it is necessary to structure CCW orders in specific ways to ensure the correct association of PAKs and licenses between FireSIGHT Management Centers (FS) and FirePOWER (FP) sensors.
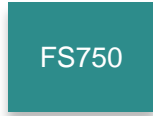
Background:

- *Virtual* FirePOWER and *physical* FirePOWER license associations work differently in CCW.
  - If multiple FP sensors are ordered in a single line item in CCW, one PAK is created for each sensor.
  - If multiple vFP sensors are ordered in a single line item, a *single* PAK is created that includes all vFP sensors. At time of license activation the vFP sensors cannot be broken up and all become associated with a single FS.
- It is possible to force license associations in CCW between FS and vFP sensors.
- It is possible to structure CCW orders so that there are *no* vFS associations until licenses are activated. To accomplish this every vFS must appear on a separate line item as shown in use case 4 below.

Use Cases:

1. Multiple FS and no license association with physical sensors
2. Single FS and multiple virtual sensors with license association
3. Multiple FS and multiple virtual sensors with specific license associations
4. Single FS and multiple virtual sensors with no license association

- Future use case: Adding physical/virtual sensors to previously purchased FS for HA and non-HA configurations---read manual and OG…GLO guys have material
- Future use case: Stacking 3D8140, 3D82xx and 3D83xxx for bundles on initial purchase and for subsequent stacking

1. Multiple Order Quantity – Perpetual/Term Licenses with Physical Sensors (Non-HA)

FS750   FS750   FP7010

Example:
- Multiple FS and no CCW license association with physical sensors
- Purchase of 2 x FS750's, single FP7010 sensor, and a Term license

CCW Order Structure and Behavior :
- 3 PAKs will be generated
  - 1 PAK for each FS : For FireSIGHT Perpetual licenses
  - 1 PAK for the sensor: For FP7010 Perpetual license (protect/control) FP7010-CNTL-LIC

- FP7010 Term License
  - Must be added separately from the appliance
  - Use of BUN PID (FP7010-BUN) will force selection of a Term license

- *Perpetual and Term licenses are independent of FS device until activation*

Result:
- FP7010 appliance can be registered to ANY FS Console.

1.0 **FS750-K9** CP $VIP Cisco FireSIGHT Management Center 750 Chassis, 1U (UNVERIFIED as of 26-Mar-2015 11:07)	$ 21,590.00	2
Select Options | Select Services/Subscriptions | Copy | Validate		
2.0 **FP7010-BUN** Cisco FirePOWER 7010 Chassis and Subscription Bundle NOTE: Components below have additional information. Please expand to view the details. (Valid as of 26-Mar-2015 11:08)	$ 0.00	1
Change Options | Copy | Validate		
2.1 **FP7010-K9** CP $VIP Cisco FirePOWER 7010 Chassis, 1U, 8 Port Copper NOTE: Components below have additional information. Please expand to view the details.	$ 9,595.00	1
Change Options | Change Services/Subscriptions		
2.1.0.1 **CON-SNT-FP7010** SMARTNET 8X5XNBD FirePOWER FP7010 Duration: 12 Month(s)	$ 768.00	1
2.1.1 **CAB-AC** AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	$ 0.00	1
2.1.2 **SF-FP5.3-K9** CP IC Cisco FirePOWER Software v5.3	$ 0.00	1
2.1.3 **FP-PWR-BRICK** $VIP IC Cisco FirePOWER Power Brick for 7000 Series	$ 0.00	1
2.1.4 **FP7010-CTRL-LIC** IC Cisco FirePOWER 7010 Control License	$ 0.00	1
2.2 **FP7010-TA-LIC=** Cisco FirePOWER 7010 IPS and Apps Service Licenses	$ 0.00	1
Select Options | Change Services/Subscriptions		
2.2.0.1 **FP7010-TA-1Y** Cisco FirePOWER 7010 IPS and Apps 1YR Service Subscription Duration: 12 Month(s)	$ 1,440.00	1

2. Multiple Order Quantity – Perpetual/Term Licenses – Multiple vSensors with Single FS

What would happen if there were 2 FS on this order in line 1?
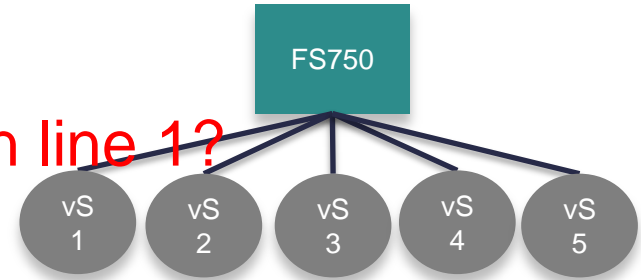
FS750

vS 1   vS 2   vS 3   vS 4   vS 5

Example:
- Single FS and multiple virtual sensors with license association
- Purchase of 1 FS750, 5 vSensors, and Term licenses
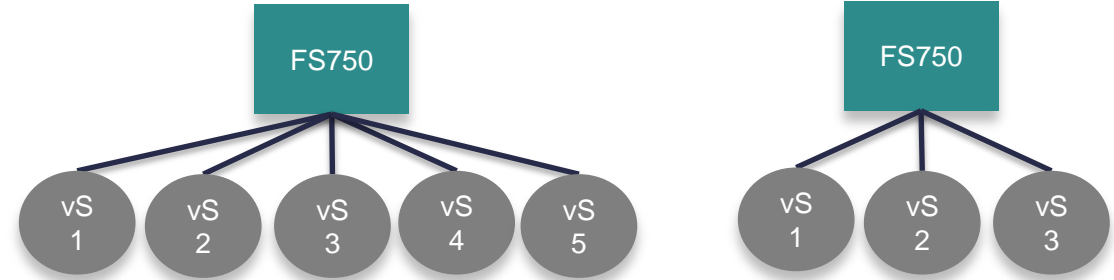
CCW Order Structure and Behavior :
- 2 PAKs will be generated
  - 1 PAK for FS : For FS750-K9 Perpetual licenses
  - **1 PAK** for vSensor: For FP-VMW-IPS-K9 Perpetual license (protect/control)

- vSensor Term License FP-VMW-TA-1Y
  - **5 SEULA's**, 1 per vSensor are created
  - Must be added separately from the appliance
  - Use of a BUN PID will force selection of a Term license

- *The 5 Perpetual and Term licenses for the vSensors are associated to a SINGLE FS Management Center appliance. In this example they cannot be split.*

Result:
- All vSensors will be managed by the same FireSIGHT console

1.0	FS750-K9 CP $VIP	$ 21,590.00	1
	Cisco FireSIGHT Management Center 750 Chassis, 1U (UNVERIFIED as of 26-Mar-2015 11:16)		

Select Options | Select Services/Subscriptions | Copy | Validate

⊕ 2.0	FP-VMW-IPS-K9 CP $VIP	$ 11,082.00	5
	Cisco NGIPSv for VMWare Appliance (Valid as of 26-Mar-2015 11:23)		

Select Options | Change Services/Subscriptions | Copy | Validate

⊖ 3.0	FP-VMW-TA-LIC=	$ 0.00	5
	Cisco FirePOWER Virtual IPS and Apps Service Licenses (Valid as of 26-Mar-2015 11:23)		

Select Options | Change Services/Subscriptions | Copy | Validate

3.0.1	FP-VMW-TA-1Y	$ 2,275.00	5
	Cisco FirePOWER Virtual IPS and Apps 1YR Service Subs Duration: 12 Month(s)		

3. Multiple Order Quantity – Perpetual/Term Licenses – Multiple vSensors with Multiple FS

Example:
- Multiple FS and multiple vSensors with specific license associations
- Purchase of 2 FS750's, 8 vSensors, and 8 Term licenses

CCW Order Structure and Behavior :
- 4 PAKs will be generated
  - 1 PAK for FS : For FS750-K9 Perpetual licenses
  - 2 PAK's for vSensor: For FP-VMW-IPS-K9 Perpetual license (protect/control). 1 PAK per vSensor group.

- vSensor Term License FP-VMW-TA-1Y
  - 8 SEULA's, 1 per vSensor are created
  - Must be added separately from the appliance
  - Use of BUN PID will force selection of a Term license

- *The first group of 5 vSensors are associated to one FS Management console and the second group of vSensors are associated to the other FS Management console.* **The two groups of sensors cannot be moved between the FS Management Centers.**

Result:
- Groups of vSensors are associated to and managed by separate FS Management Centers

4. Multiple Order Quantity – Perpetual/Term Licenses – Multiple vSensors with Single FS, multiple PAK's

FS750   vS 1   vS 2   vS 3

Example:
- Single FS and multiple vSensors with no CCW license association
- Purchase of 1 FS750, 3 vSensors, and 3 Term licenses

CCW Order Structure and Behavior :
- 4 PAKs will be generated
  - 1 PAK for FS : For FS750-K9 Perpetual licenses
  - 3 PAK's for vSensors: For FP-VMW-IPS-K9 Perpetual license (protect/control). 1 PAK for each separate vSensor group line item.

- vSensor Term License FP-VMW-TA-1Y
  - 3 SEULA's, 1 per vSensor are created
  - Must be added separately from the appliance
  - Use of BUN PID will force selection of a Term license

- *Perpetual and Term licenses for vSensors are NOT limited to a single FS Management Center appliance. In this example they CAN BE SPLIT and sensors registered to any FS Management Center appliance.*

Result:
- vSensors can be managed by a FireSIGHT Management Center that is NOT part of this purchase order.

1.0	**FS750-K9** CP $VIP Cisco FireSIGHT Management Center 750 Chassis, 1U ⓘ NOTE: Components below have additional information. Please expand to view the details. (Valid as of 17-Mar-2015 06:44)	$ 24,181.00	1
	Change Options	Change Services/Subscriptions	Copy	Validate	
2.0	**FP-VMW-IPS-K9** CP $VIP Cisco NGIPSv for VMWare Appliance (Valid as of 17-Mar-2015 07:27)	$ 11,082.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	
3.0	**FP-VMW-TA-LIC=** Cisco FirePOWER Virtual IPS and Apps Service Licenses (Valid as of 17-Mar-2015 07:27)	$ 2,275.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	
4.0	**FP-VMW-IPS-K9** CP $VIP Cisco NGIPSv for VMWare Appliance (Valid as of 17-Mar-2015 07:27)	$ 11,082.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	
5.0	**FP-VMW-TA-LIC=** Cisco FirePOWER Virtual IPS and Apps Service Licenses (Valid as of 17-Mar-2015 07:27)	$ 2,275.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	
6.0	**FP-VMW-IPS-K9** CP $VIP Cisco NGIPSv for VMWare Appliance (Valid as of 17-Mar-2015 07:27)	$ 11,082.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	
7.0	**FP-VMW-TA-LIC=** Cisco FirePOWER Virtual IPS and Apps Service Licenses (Valid as of 17-Mar-2015 07:27)	$ 2,275.00	1
	Select Options	Change Services/Subscriptions	Copy	Validate	