

Ù❖Ù‡Ù... Ù...ÙŠØ²Ø© FQDN Ø¹Ù,,Ù% Ø§Ù,,Ø⁻Ù❖Ø§Ø¹ Ø¶Ø⁻ ØªÙ‡Ø⁻ÙŠØ⁻ FirePOWER (Ø§Ù,,Ù...Ø⁻Ø§Ø±Ø© Ù...Ù† FMC)

Ø§Ù,,Ù...ØØªÙˆÙŠØ§Øª

[Ø§Ù,,Ù...Ù,Ø⁻Ù...Ø©](#)
[Ø§Ù,,Ù...ØªØ·Ù,,Ø⁻Ø§Øª Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ©](#)
[Ø§Ù,,Ù...ØªØ·Ù,,Ø⁻Ø§Øª](#)
[Ø§Ù,,Ù...ÙƒÙˆÙ†Ø§Øª Ø§Ù,,Ù...Ø³ØªØ®Ø⁻Ù...Ø©](#)
[Ù...Ø¹Ù,,ÙˆÙ...Ø§Øª Ø£Ø³Ø§Ø³ÙŠØ©](#)
[Ù†Ø,Ø±Ø© Ø¹Ø§Ù...Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù...ÙŠØ²Ø©](#)
[Ù...Ø§Ø°Ø§ Ø¹Ù† Ù...Ø§ Ù,Ø⁻Ù,, 6.3ØŸ](#)
[Ø§Ù,,ØªÙƒÙˆÙŠÙ†](#)
[Ø§Ù,,Ø±Ø³Ù... Ø§Ù,,ØªØ®Ø·ÙŠØ·ÙŠ Ù,,Ù,,Ø⁻Ø⁻ÙƒØ©](#)
[Ø§Ù,,Ù†Ù†Ø⁻Ø³Ø© Ø§Ù,,Ù...Ø¹Ù...Ø§Ø±ÙŠØ© - Ø§Ù,,Ù†Ù,Ø§Ø· Ø§Ù,,Ø⁻Ø§Ø±Ø²Ø©](#)
[Ø®Ø·ÙˆØ§Øª Ø§Ù,,ØªÙƒÙˆÙŠÙ†](#)
[Ø§Ù,,ØªØÙ,Ù, Ù...Ù† Ø§Ù,,Ø®Ø©](#)
[Ø§Ø³ØªÙƒØ⁻Ø§Ù❖ Ø§Ù,,Ø£Ø®Ø·Ø§Ø§; ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§](#)
[ØªØ⁻Ù...ÙŠØ¹ Ù...Ù,,Ù❖Ø§Øª Ø£Ø³ØªÙƒØ⁻Ø§Ù❖ Ø£Ø®Ø·Ø§Ø§; FMC ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§](#)
[Ø§Ù,,Ù...Ø⁻Ø§ÙƒÙ,, Ø§Ù,,Ø⁻Ø§Ø¹Ø¹Ø©/Ø±Ø³Ø§Ø¹Ù,, Ø§Ù,,Ø®Ø·Ø£](#)
[Ù❖Ø⁻Ù,, Ø§Ù,,Ù†Ø⁻Ø±](#)
[Ø®Ø·ÙˆØ§Øª Ø£Ø³ØªÙƒØ⁻Ø§Ù❖ Ø§Ù,,Ø£Ø®Ø·Ø§Ø§; ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§ Ø§Ù,,Ù...ÙˆØµÙ%
Ø⁻Ù‡Ø§](#)
[Ù,,Ù... ÙŠØªÙ... ØªÙ†Ø⁻ÙŠØ· FQDN](#)
[Ø£Ø³Ø¹Ù,,Ø© ÙˆØ£Ø⁻ÙˆØ⁻Ø©](#)

Ø§Ù,,Ù...Ù,Ø⁻Ù...Ø©

ÙŠØµ❖ Ù‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø⁻ ØªÙƒÙˆÙŠÙ† Ù...ÙŠØ²Ø© FQDN (Ø§Ø¹ØªØ⁻ Ø§Ø±Ø§ Ù...Ù† V6.3.0) Ù,,Ù...Ø±ÙƒØ² Ø¥Ø⁻Ø§Ø±Ø© FirePOWER (FMC) ÙˆØ§Ù,,Ø⁻Ù❖Ø§Ø¹ Ø¹Ù† ØªÙ‡Ø⁻ÙŠØ⁻ FirePOWER (FTD).

Ø§Ù,,Ù...ØªØ·Ù,,Ø⁻Ø§Øª Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ©

Ø§Ù,,Ù...ØªØ·Ù,,Ø⁻Ø§Øª

ØªÙˆØµŠ Cisco Ø⁻Ø£Ù† ØªÙƒÙˆÙ† Ù,,Ø⁻ÙŠÙƒ Ù...Ø¹Ø±Ù❖Ø© Ø⁻Ø§Ù,,Ù...ÙˆØ§Ø¶ÙŠØ¹ Ø§Ù,,ØªØ§Ù,,ÙŠØ©:

- Ù...Ø±ÙƒØ² Ø¥Ø⁻Ø§Ø±Ø© Firepower

Ø§Ù,,Ù...ÙƒÙˆÙ†Ø§Øª Ø§Ù,,Ù...Ø³ØªØ®Ø⁻Ù...Ø©

ØªØ³ØªÙ†Ø⁻ Ø§Ù,,Ù...Ø¹Ù,,ÙˆÙ...Ø§Øª Ø§Ù,,ÙˆØ§Ø±Ø⁻Ø© Ù❖ÙŠ Ù‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø⁻

Ø¥Ù,,Ù% Ø¥ØµØ¯Ø§Ø±Ø§Øª Ø§Ù,,Ø¯ Ø±Ø§Ù...Ø¯ Ø§Ù,,ØªØ§Ù,,ÙŒØ©:

- Ø§Ù,,Ø¯Ù‡Ø§Ø² Ø§Ù,,Ø§Ø§Ù‡Ø±ÙŒ Ù,,Ù,,Ø¯Ù Ø§Ø¹ Ø¶Ø¯ ØªÙ‡Ø¯ÙŒ FirePOWER (FTD) Ù...Ù† Cisco Ø§Ù,,Ø°ÙŒ ÙŒØ´Ø°Ù,, Ø§Ù,,Ø¥ØµØ¯Ø§Ø± 6.3.0 Ù...Ù† Ø§Ù,,Ø¯ Ø±Ù†Ø§Ù...Ø¯
- Firepower Management Center Virtual (vFMC) Ø§Ù,,Ø°ÙŒ ÙŒØ´Ø°Ù,, Ø§Ù,,Ø¥ØµØ¯Ø§Ø± 6.3.0 Ù...Ù† Ø§Ù,,Ø¯Ø±Ù†Ø§Ù...Ø¯

ØªÙ... Ø¥Ù†Ø´Ø§Ø; Ø§Ù,,Ù...Ø¹Ù,,Ù¯Ù...Ø§Øª Ø§Ù,,Ù¯Ø§Ø±Ø¯Ø© Ù ØÙŒ Ù‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø¯ Ù...Ù† Ø§Ù,,Ø£Ø¯Ù‡Ø²Ø© Ø§Ù,,Ù...Ù¯Ø¯Ù¯Ø© Ù ØÙŒ Ø¯ÙŒØ!Ø© Ù...Ø¹Ù...Ù,,ÙŒØ© Ø®Ø§ØµØ©. Ø¯Ø¯Ø£Øª Ø¯Ù...ÙŒØ¹ Ø§Ù,,Ø£Ø¯Ù‡Ø²Ø© Ø§Ù,,Ù...Ù Ø³ØªØ®Ø¯Ù...Ø© Ù ØÙŒ Ù‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø¯ Ø¯ØªÙ¯Ù¯ÙŒÙ† Ù...Ù...Ø³Ù¯Ø (Ø§Ù ØªØ±Ø§Ø¶ÙŒ). Ø¥Ø°Ø§ Ù¯Ø§Ù†Øª Ø´Ø¯ Ù¯ØªÙ¯ Ù,ÙŒØ¯ Ø§Ù,,ØªØ´Ø°ÙŒÙ,,Ø£ Ù ØªØ£Ù¯Ø¯ Ù...Ù† Ù ØÙ‡Ù...Ù¯ Ù,,Ù,,ØªØ£Ø«ÙŒØ± Ø§Ù,,Ù...ØªÙ...Ù,, Ù,,Ø£ÙŒ Ø£Ù...Ø±.

Ù...Ø¹Ù,,Ù¯Ù...Ø§Øª Ø£Ø³Ø§Ø³ÙŒØ©

ÙŒØµ ØÙ‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø¯ ØªÙ¯Ù¯ÙŒÙ† Ù...ÙŒØ²Ø© "Ø§Ø³Ù... Ø§Ù,,Ù...Ø¯Ø§Ù,, Ø§Ù,,Ù...ØªÙ‡Ù,, Ø¯Ø§Ù,,Ù¯Ø§Ù...Ù,, (FQDN)" Ø§Ù,,ØªÙŒ Ø¥Ø¯Ø®Ø§Ù,,Ù‡Ø§ Ø¥ØµØ¯Ø§Ø± Ø§Ù,,Ø¯ Ø±Ù†Ø§Ù...Ø¯ 6.3.0 Ø¥Ù,,Ù% Ù...Ø±Ù¯Ø² Ø¥Ø¯Ø§Ø±Ø© Firepower (FMC) Ù¯Ø§Ù,,Ø¯Ù Ø§Ø¹ Ø¹Ù† ØªÙ‡Ø¯ÙŒ FirePOWER (FTD).

Ù‡Ø°Ù‡ Ø§Ù,,Ù...ÙŒØ²Ø© Ù...Ù¯Ø¯Ù¯Ø¯Ø© Ù ØÙŒ Ø¯Ù‡Ø§Ø² Ø§Ù,,Ø£Ù...Ø§Ù† Ø§Ù,,Ù,,Ø§Ø¯ Ù,, Ù,,Ù,,ØªÙ¯ÙŒÙ (ASA) Ù...Ù† Cisco Ù¯Ù,,Ù¯Ù†Ù‡Ø§ Ù,,Ù... ØªÙ¯Ù† Ù ØÙŒ Ø¥ØµØ¯Ø§Ø±Ø§Øª Ø§Ù,,Ø¯ Ø±Ø§Ù...Ø¯ Ø§Ù,,Ø£Ù¯Ù,,ÙŒØ© Ù...Ù† FTD.

ØªØ£Ù¯Ø¯ Ù...Ù† Ø§Ø³ØªÙŒÙ Ø§Ø; Ù‡Ø°Ù‡ Ø§Ù,,Ø´Ø±Ù¯Ù. Ù,Ø¯Ù,, ØªÙ¯Ù¯ÙŒÙ† Ù¯Ø§Ø¶Ù†Ø§Øª FQDN:

- ÙŒØ¯Ø¯ Ø£Ù† ÙŒÙ,,Ù¯Ù... Ù...Ø±Ù¯Ø² Ø¥Ø¯Ø§Ø±Ø© Firepower ØªØªØ´Ø°ÙŒÙ,, Ø§Ù,,Ø¥ØµØ¯Ø§Ø± 6.3.0 Ø£Ù¯ Ø¥ØµØ¯Ø§Ø± Ø£ØØØ«. ÙŒÙ...Ù¯Ù† Ø£Ù† ÙŒÙ¯Ù¯Ù† Ù...Ø§Ø¯ÙŒØ§ Ø£Ù¯ Ø§Ù ØªØ±Ø§Ø¶ÙŒÙŒ
- ÙŒØ¯Ø¯ Ø£Ù† ÙŒÙ,,Ù¯Ù... "Ø§Ù,,Ø¯Ù Ø§Ø¹ Ø¹Ù† ØªÙ‡Ø¯ÙŒ Firepower" Ø¯ØªØ´Ø°ÙŒÙ,, Ø§Ù,,Ø¥ØµØ¯Ø§Ø± 6.3.0 Ø£Ù¯ Ø¥ØµØ¯Ø§Ø± Ø£ØØØ«. ÙŒÙ...Ù¯Ù† Ø£Ù† ÙŒÙ¯Ù¯Ù† Ù...Ø§Ø¯ÙŒØ§ Ø£Ù¯ Ø§Ù ØªØ±Ø§Ø¶ÙŒÙŒ

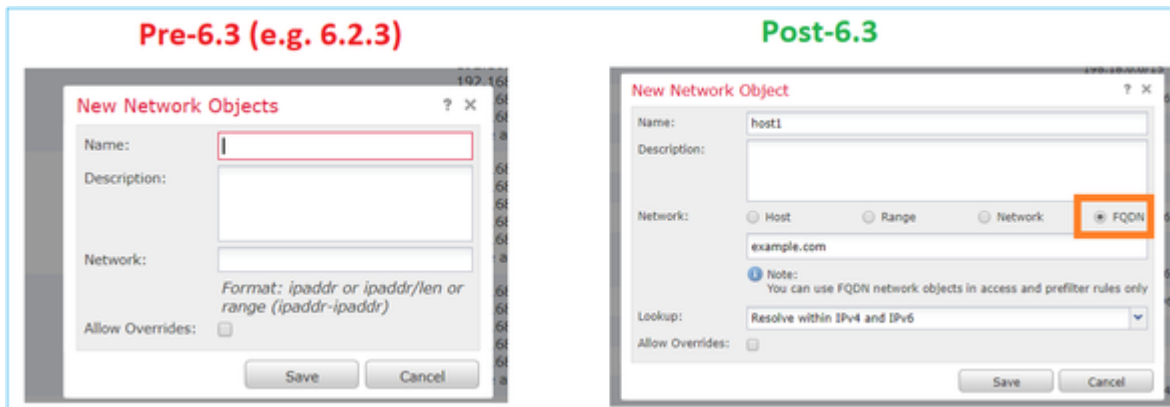
Ù†Ø§Ø±Ø© ØªØ§Ù...Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù...ÙŒØ²Ø©

ØªÙ,,Ù¯Ù... Ù‡Ø°Ù‡ Ø§Ù,,Ù...ÙŒØ²Ø© Ø¯ØÙ,, FQDN Ù ØÙŒ Ø¹Ù†Ù¯Ø§Ù† IP Ù¯ØªØ³ØªØ®Ø¯Ù... Ù‡Ø°Ø§ Ø§Ù,,Ø¹Ù†Ù¯Ø§Ù† Ø§Ù,,Ø£Ø®ÙŒÙŒ Ù,,ØªØµÙ ØÙŒØ© ØØ±Ù¯Ø© Ø§Ù,,Ù...Ø±Ù¯Ø± Ø¹Ù†Ø¯ Ø§Ù,,Ø¥Ø´Ø§Ø±Ø© Ø¥Ù,,ÙŒÙ‡ Ø¯Ù¯Ø§Ø³Ø¯Ø© Ù,Ø§Ø¹Ø¯Ø© Ø§Ù,,ØªØ¯Ù... Ù ØÙŒ Ø§Ù,,Ù¯ØµÙ¯Ù,, Ø£Ù¯ Ù†Ù‡Ø¯ Ø§Ù,,ØªØµÙ ØÙŒØ© Ø§Ù,,Ù...Ø³Ø¯Ù,Ø©.








Ù...Ø§Ø°Ø§ Ø¹Ù† Ù...Ø§ Ù,Ø¯Ù,, 6.3ØŒ

- ÙŒØªØ¹Ø°Ø± Ø¹Ù,,Ù% FMC Ù¯ FTD Ø§Ù,,Ù,,Ø°ÙŒÙ† ÙŒØ´Ø°Ù,,Ø§Ù† Ø¥ØµØ¯Ø§Ø±Ø§

Ø£Ù,Ø-Ù... Ù...Ù† 6.3.0 ØªÙƒÙ^ÙŠÙ† ÙƒØ§Ø!Ù†Ø§Øª FQDN.




- $\bar{U} \rightarrow \bar{U}^S$ $\partial \partial S \bar{U} \rightarrow \partial \partial \partial^a \partial^0 \bar{U}^S$, FMC $\partial S \bar{U} \rightarrow \partial \partial \mu \partial^0 \partial S \partial \pm 6.3 \partial \bar{U}^0 \partial \partial \mu \partial^0 \partial S \partial \pm \partial \partial \partial \partial^0 \partial \ll \bar{U}^0 \bar{U}$, $\bar{U} \partial \bar{U}^+ \text{FTD} \bar{U}^S \partial^0 \bar{U}$, $\partial \partial \mu \partial^0 \partial S \partial \pm \partial S \partial \bar{U}$, $\partial^0 \bar{U} \dots \bar{U} \dots \bar{U}^+ \pm 6.3 \partial \bar{U}^S \bar{U} \neq \partial \pm \bar{U}^+ \partial^0 \partial \pm \partial \partial \partial^0 \partial S \bar{U}$, $\partial^3 \bar{U}^S \partial S \partial^3 \partial S \partial^a \bar{U} \neq \partial^0 \partial S \partial S \bar{U}$, $\partial \otimes \partial \cdot \partial \bar{U}$:

Deploy Policies Version:2018-05-31 09:32 AM						
	Device	Inspect	Interruption	Type	Group	Current Version
 	 10.106.173.86	--		Sensor		
 	 10.106.173.91	No		FTD		2018-05-28 06:06 PM

Errors and Warnings for Requested Deployment

Errors in the policy must be resolved before you can proceed with deployment.

Severity	Device	Policy	Details
 Error	10.106.173.86	AC1	Access Control Policy rule1: This rule contains the following FQDN objects: fqdnDestination, fqdnSource. FQDN objects are supported only on Firepower Threat Defense devices running at least version 6.3.

- Ø·Ø§Ù,,Ø¥Ø¶Ø§Ù❖Ø© Ø¥Ù,,Ù%ø Ø°Ù,,ÙfØœ Ø¥Ø°Ø§ Ù,,Ù...Øª Ø¨ ØªÙfÙ^ÙšÙ† ÙfØ§Ø!Ù† DNS Ø¹Ø¨ ± FlexConfigØœ ÙšØ,Ù‡Ø± Ù‡Ø°Ø§ Ø§Ù,,ØªØØÙšØ±:

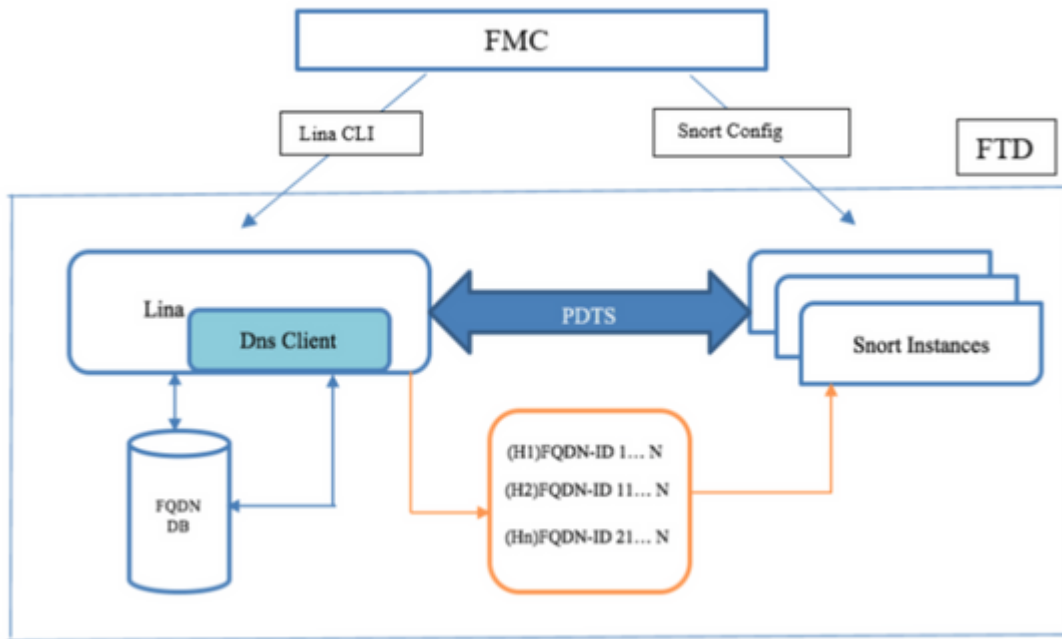
Errors and Warnings for Requested Deployment

One or more selected devices have warnings. You can still proceed with deployment.

Severity	Device	Policy	Details
Warning	10.10.0.14 2-FTD	fc-01	Flex Config Policy fc-01: FlexConfig objects Default_DNS_Configure_Copy are not allowed to be selected because this functionality is natively configurable via FMC. fc-01: FlexConfig objects tcp_bypass are not allowed to be

Ø§Ù,,ØªÙfÙ^ÙšÙ†

ø§ù,,ø±ø³ù... ø§ù,,øªø®ø·ùšø·ùš ù,,ù,,ø´ø·ùfø©



Ø§Ù,,Ù‡Ù†Ø³Ø© Ø§Ù,,Ù...Ø¹Ù...Ø§Ø±ÙŠØ© - Ø§Ù,,Ù†Ù,,Ø§Ø·
Ø§Ù,,Ø·Ø§Ø±Ø²Ø©

- ØÙ,,Ø© ÙˆØ¶ÙˆØ DNS (DNS Ø¥Ù,,Ù‰ IP) ØªØØØ« ÙˆÙŠ LINA
- ÙŠØ®Ø²Ù† LINA Ø§Ù,,ØªØ¹ÙŠÙŠÙ† ÙˆÙŠ Ù,,Ø§Ø¹Ø²Ø© Ø²ÙŠØ§Ù†Ø§Ø²Ù‡
- Ø¹Ù,,Ù‰ Ø£Ø³Ø§Ø³ ÙˆÙ,, Ø§ØªØ§Ù,,Ø£ ÙŠØ²... Ø¥Ø±Ø³Ø§Ù,, Ù†Ø² Ø§Ù,,ØªØ¹ÙŠÙŠÙ† Ù...Ù† LINA Ø¥Ù,,Ù‰ snort
- ÙŠØ²... ØÙ,, FQDN ØØÙˆÙ,, Ù...Ø³Ø²Ù,, Ø¹Ù† Ø§Ù,,Ø²ÙˆÙˆØ± Ø§Ù,,Ø¹Ø§Ù,,ÙŠ Ø£ÙˆØ²ÙˆÙŠÙ† Ø§Ù,,Ù...Ø-Ù...ÙˆØ¹Ø©

Ø®Ø·ÙˆØ§Øª Ø§Ù,,Ø²ÙˆÙŠÙ†

Ø§Ù,,Ø®Ø·ÙˆØ© 1. Ø²ÙˆÙŠÙ† "ÙˆØ§Ø¹Ù† Ù...Ø-Ù...ÙˆØ¹Ø© Ø®ÙˆØ§ØÙˆ... DNS"



â€f

- ÙŠØ-Ø² Ø£Ù,,Ø§ ÙŠØ²-Ø§ÙˆØ² Ø§Ø³Ù... Ù...Ø-Ù...ÙˆØ¹Ø© Ø®ÙˆØ§ØÙˆ... DNS 63 ØØ±ÙˆØ§
- ÙˆÙŠ Ø§Ù,,Ù†Ø² Ù...ØªØ¹Ø²Ø² Ø§Ù,,Ù...Ø-Ø§Ù,,Ø§ØªØ£ ÙŠØ-Ø² Ø£Ù† Ø²ÙˆÙˆÙ† Ø£Ø³Ù...Ø§Ø¹ Ø§Ù,,ÙˆØ§Ø¹Ù†Ø§Ø² ÙˆØ±ÙŠØ²Ø© Ø¶Ù...Ù† Ø§Ù,,ØªØ²Ø±Ø-Ø§Ù,,Ù†Ø±Ù...ÙŠ Ù,,Ù...Ø-Ø§Ù,, ÙŠÙ...ÙˆÙ† Ù,,Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ¹Ø±Ùˆ

Ø¹Ù,,Ù% Ø£ÙŠ ØªØ¹Ø§Ø±Ø¶ Ù...Ø¹ Ø§Ø³Ù... Ù¸Ø§Ø¹ Ù† Ù,,Ø§ ÙŠÙ...Ù¸Ù†Ù¸ Ø¹Ø±Ø¶Ù† Ù...Ø¹ Ø§Ù,,Ù...Ø-Ø§Ù,, Ø§Ù,,Ø§Ù,,ÙŠ Ù,,Ø¹ÙŠÙ¸

- ÙŠØªÙ... Ø¥Ø³ØªØ®Ø-Ø§Ù... Ø§Ù,,Ù...Ø-Ø§Ù,, Ø§Ù,,Ø§Ù...ØªØ±Ø§Ø¶ÙŠ (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ù,,Ø¥Ù,,Ø§Ù,, Ø£Ø³Ù...Ø§Ø¹ Ø§Ù,,Ù...Ø¶ÙŠÙ... Ø°ÙŠØ± Ø§Ù,,Ù...Ø±Ù†Ù,,Ø© Ø¹ Ø§Ù,,Ù¸Ø§Ù...Ù,, ØªÙ...Ù,,ÙŠØ§Øª Ø¥Ø¹Ø§Ø-Ø© Ø§Ù,,Ù...Ø§ÙÙ,,Ø© Ù¹Ø§Ù,,ØªÙ¹Ù,ÙŠØª Ø§Ù,,Ø§Ù...ØªØ±Ø§Ø¶ÙŠÙŠÙ†.
- ØªÙ...Ù,,ÙŠØ§Øª Ø¥Ø¹Ø§Ø-Ø© Ø§Ù,,Ù...Ø§ÙÙ¹Ù,,Ø©- Ø¹Ø¹Ø- Ø§Ù,,Ù...Ø±Ø§ØªØ£ Ù...Ù† 0 Ø¥Ù,,Ù% 10Ø£ Ù,,Ø¥Ø¹Ø§Ø-Ø© Ù...Ø§ÙÙ¹Ù,,Ø© Ù,Ø§Ø¹Ù...Ø© Ø®Ù¹Ø§Ø-Ù... DNS Ø¹Ù†Ø¹Ù...Ø§ Ù,,Ø§ ÙŠØªÙ,,Ù,Ù% Ø§Ù,,Ù†Ø,Ø§Ù... Ø¥Ø³ØªØªØ-Ø§Ø¹Ø©. Ø§Ù,,Ù,ÙŠÙ...Ø© Ø§Ù,,Ø§Ù...ØªØ±Ø§Ø¶ÙŠÙŠÙ† Ù†ÙŠ 2.
- Ø§Ù,,Ù...Ù†Ù,,Ø©ªªªØ¹Ø¹Ø- Ø§Ù,,Ø«Ù¹Ø§Ù†ÙŠØ£ Ù...Ù† 1 Ø¥Ù,,Ù% 30Ø£ Ù,Ø¹Ù,, Ø£Ù† ÙŠØ§ÙÙ¹Ù,, Ø£Ø®Øª Ø¥Ù,,Ù% Ø®Ø§Ø¹Ù... DNS Ø§Ù,,ØªØ§Ù,,ÙŠ. Ø§Ù,,Ø§Ù...ØªØ±Ø§Ø¶ÙŠ Ù†Ù¹ 2 Ø«Ø§Ù†ÙŠØ©. Ù¹Ù...ÙŠ Ù¸Ù,, Ù...Ø±Ø© ÙŠÙ,Ù¹Ù... Ø§Ù,,Ù†Ø,Ø§Ù... Ø¹ Ø¥Ø¹Ø§Ø¹Ø© Ù...Ø§ÙÙ¹Ù,,Ø© Ù,Ø§Ø¹Ù...Ø© Ø§Ù,,Ø®Ù¹Ø§Ø¹Ù...Ø£ ØªØªØ¶Ø§Ø¹Ù... Ø§Ù,,Ù...Ù†Ù,,Ø©.
- Ø£Ø¹Ø®Ù,, Ø®Ù¹Ø§Ø¹Ù... DNS Ù,,ØªÙ¸Ù¹Ù† Ø¹Ø²Ø¹Ø§ Ù...Ù† Ù†Ø°Ù† Ø§Ù,,Ù...Ø¹Ù...Ù¹Ø¹Ø. ÙŠÙ...Ù¸Ù† Ø£Ù† ÙŠÙ¸Ù¹Ù† Ù†ØªØ§ Ø¥Ù...Ø§ ØªÙ†Ø³ÙŠÙ, IPv4 Ø£Ù¹ IPv6 Ù¸Ù,,ÙŠÙ... Ù...Ù...ØµÙ¹Ù,,Ø© Ø¹Ù...Ø§ØµÙ,,Ø©
- ÙŠØªÙ... Ø¥Ø³ØªØ®Ø-Ø§Ù... Ù...Ø¹Ù...Ù¹Ø¹Ø Ø®Ù¹Ø§Ø¹Ù... DNS Ù,,Ù,,ØÙ,, Ø¹Ø§Ø³ØªØ®Ø-Ø§Ù... Ù¸Ø§Ø¹Ù† Ø§Ù,,Ù¹Ø§Ø¹Ù†Ø© Ø£Ù¹ Ø§Ù,,Ù¸Ø§Ø¹Ù†Ø§Øª Ø§Ù,,ØªÙŠ ØªÙ... ØªÙ¸Ù¹Ù†Ù†Ø§ Ù...ÙŠ Ø¥Ø¹Ø¹Ø¹Ø¹Ø¹ Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠ REST API Ù,,Ù¸Ø§Ø¹Ù† Ù...Ø¹Ù...Ù¹Ø¹Ø Ø®Ù¹Ø§Ø¹Ù... DNS Ù...Ø¹ØªÙ...Ø¹

Ø§Ù,,Ø®Ø¹Ù¹Ø© 2. ØªÙ¸Ù¹Ù¹ÙŠÙ† DNS (Ø¥Ø¹Ø¹Ø¹Ø¹Ø¹ Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠ)

The screenshot shows the 'DNS Resolution Settings' page in a network device's configuration interface. On the left is a sidebar menu with options: ARP Inspection, Banner, DNS (highlighted), External Authentication, Fragment Settings, HTTP, ICMP, Secure Shell, SMTP Server, SNMP, SSL, Syslog, Timeouts, Time Synchronization, and UCAPL/CC Compliance. The main content area is titled 'DNS Resolution Settings' and includes the instruction 'Specify DNS servers group and device interfaces to reach them.' Below this, there is a checkbox 'Enable DNS name resolution by device' which is checked. A dropdown menu for 'DNS Server Group' is set to 'DNS_Test'. Two input fields are present: 'Expiry Entry Timer' set to 1 (with a range of 1-65535 minutes) and 'Poll Timer' set to 240 (with a range of 1-65535 minutes). Under the 'Interface Objects' section, it states 'Devices will use specified interface objects for connecting with DNS Servers.' There are two panels: 'Available Interface Objects' on the left with a search bar and a list containing 'Inside' and 'Outside'; and 'Selected Interface Objects' on the right, which currently contains 'Outside'. An 'Add' button is located between these two panels. At the bottom, there is a checkbox 'Enable DNS Lookup via diagnostic interface also.' which is unchecked.

- (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ù, Ù... Ø·ØªØ¹Ø·ÙŠÙ,, Ù, ÙŠÙ... Ù...Ø¼Ù, Øª Ø§Ù†ØªÙ†Ø§Ø; Øµ,, Ø§Ø±ÙŠØ© Ø§Ù,, Ø¥Ø·Ø®Ø§Ù,, Ù·Ù...Ø¼Ù, Øª Ø§Ù,, Ø§Ø³ØªØ·Ù,, Ø§Ø¹ Ù♦ÙŠ Ø·Ù, Ø§Ø¹ Ù,;

ÙŠØØ·Ø· Ø®ÙŠØ§Ø± Ù...Ø¼Ù, Øª Ø¥Ø·Ø®Ø§Ù,, Ø§Ù†ØªÙ†Ø§Ø; Ø§Ù,, Øµ,, Ø§Ø±ÙŠØ© ØØ· Ø§Ù,, Ù·Ù, Øª Ù,, Ø¥Ø²Ø§Ù,, Ø© Ø¹Ù†Ù·Ø§Ù† IP Ø§Ù,, Ø®Ø§ØµØ· FQDN Ø§Ù,, Ø°ÙŠ ØªÙ... ØÙ,, Ù† Ù...Ù† Ø·Ø·Ù·Ù,, Ø§Ù,, Ø·ØØ« Ø¹Ù† DNS Ø·Ø¹Ø· Ø§Ù†ØªÙ†Ø§Ø; Øµ,, Ø§Ø±ÙŠØ© Ù...Ø·Ø© Ø§Ù,, Ø·Ù, Ø§Ø¹ (TTL) Ø§Ù,, Ø®Ø§ØµØ·Ù†. ØªØªØ·Ù,, Ø· Ø¥Ø²Ø§Ù,, Ø© Ø¥Ø·Ø®Ø§Ù,, Ù...Ø§ Ø¥Ø¹Ø§Ø·Ø© ØªØ·Ù·ÙŠÙ,, Ø§Ù,, Ø·Ø·Ù·Ù,, Ø© Ø·Ø±ÙŠØ« ÙŠÙ...Ù†Ù† Ù,, Ø¹Ù...Ù,, ÙŠØ§Øª Ø§Ù,, Ø¥Ø²Ø§Ù,, Ø© Ø§Ù,, Ù...ØªÙ†Ø±Ø±Ø© Ø²ÙŠØ§Ø·Ø© ØÙ...Ù,, Ø§Ù,, Ø¹Ù...Ù,, ÙŠØ© Ø¹Ù,, Ù% Ø§Ù,, Ø·Ù†Ø§Ø². ÙŠÙ, Ù·Ù... Ù†Ø°Ø§ Ø§Ù,, Ø¥Ø¹Ø·Ø§Ø· Ø·ØªÙ·Ø³ÙŠØ¹ Ù...Ø·Ø© Ø§Ù,, Ø·Ù, Ø§Ø¹ (TTL) Ù♦Ø¹Ù,, ÙŠØ§.

ÙŠØØ·Ø· Ø®ÙŠØ§Ø± Ù...Ø¼Ù, Øª Ø§Ù,, Ø§Ø³ØªÙ, Ø§Ø§Ø; Ø§Ù,, ØØ· Ø§Ù,, Ø²Ù...Ù†ÙŠ Ø§Ù,, Ø°ÙŠ ÙŠØ³ØªØ¹Ù,, Ù... Ø·Ø¹Ø·Ù† Ø§Ù,, Ø·Ù†Ø§Ø² Ø¹Ù† Ø®Ø§Ø·Ù... DNS Ù,, ØÙ,, FQDN Ø§Ù,, Ø°ÙŠ ØªÙ... ØªØ¹Ø±ÙŠÙ♦Ù† Ù♦ÙŠ Ù...Ø·Ù...Ù·Ø¹Ø© Ù†Ø§Ø¹ Ù†Ø§Øª Ø§Ù,, Ø·Ø· Ù†Ø©. ÙŠØªÙ... ØÙ,, FQDN Ø·Ø·Ù†Ù,, Ø·Ù·Ø±ÙŠ Ø¥Ù...Ø§ Ø¹Ù†Ø· Ø§Ù†ØªÙ†Ø§Ø; ØµÙ,, Ø§Ø±ÙŠØ© Ù...Ø¼Ù, Øª Ø§Ù,, Ø§Ø³ØªÙ, ØµØ§Ø;Ø© Ø£Ù· Ø¹Ù†Ø· Ø§Ù†ØªÙ†Ø§Ø; ØµÙ,, Ø§Ø±ÙŠØ© Ù...Ø·Ø© Ø§Ù,, Ø·Ù, Ø§Ø¹ (TTL) Ù,, Ø¥Ø·Ø®Ø§Ù,, IP Ø§Ù,, Ø°ÙŠ ØªÙ... ØÙ,, Ù†Ø£ Ø£ÙŠÙ†Ù...Ø§ ÙŠØØ·Ø« Ø£Ù·Ù,, Ø§.

- (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) ØØ·Ø· Ù†Ø§Ø¹Ù†Ø§Øª Ø§Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, Ù...Ø·Ù,, Ù·Ø·Ø© Ù...Ù† Ø§Ù,, Ù, Ø§Ø¹Ù...Ø© Ø§Ù,, Ù...ØªØ§Ø© Ù·Ø£Ø¶Ù♦Ù†Ø§ Ø¥Ù,, Ù% Ù, Ø§Ø¹ Ù...Ø© Ù†Ø§Ø¹ Ù†Ø§Øª Ø§Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, Ù...ØØ·Ø·Ø© Ù·ØªØ£Ù†Ø· Ù...Ù† Ø¥Ù...Ù†Ø§Ù†ÙŠØ© Ø§Ù,, Ù·ØµÙ·Ù,, Ø¥Ù,, Ù% Ø®Ø§Ø·Ù... DNS Ù...Ù† Ø®Ù,, Ø§Ù,, Ø§Ù,, Ù·Ø§Ø·Ù†Ø© (Ø§Ù,, Ù·Ø§Ø·Ù†Ø§Øª) Ø§Ù,, Ù...ØØ·Ø·Ø©:

Ø·Ø§Ù,, Ù†Ø³Ø·Ø© Ù,, Ø£Ø·Ù†Ø²Ø© Firepower Threat Defense 6.3.0Ø£ Ø¥Ø°Ø§ Ù,, Ù... ÙŠØªÙ... ØªØØ·ÙŠØ· Ù·Ø§Ø·Ù†Ø§Øª Ù·ØªÙ... ØªØ¹Ø·ÙŠÙ,, Ø§Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, ØªØ·Ø®ÙŠØµŠØ© Ù,, Ù,, Ø·ØØ« Ø¹Ù† DNSØ£ ÙŠØØ·Ø« ØªØÙ,, ÙŠÙ,, DNS Ø¹Ø·Ø± Ø£ÙŠ Ù·Ø§Ø·Ù†Ø© ØªØªØ¶Ù...Ù† Ø§Ù,, ØªØ·Ø®ÙŠØµŠØ© (ÙŠØªÙ... ØªØ·Ø·ÙŠÙ, Ø§Ù,, Ø£Ù...Ø± dnsdomain-lookup any).

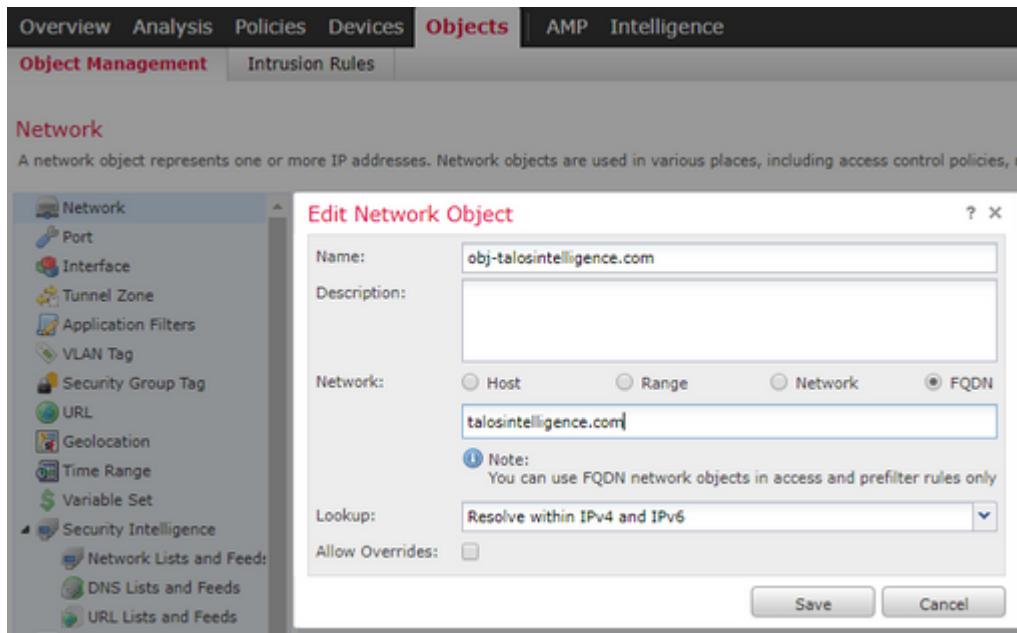
Ø¥Ø°Ø§ Ù,, Ù... ØªÙ, Ù... Ø·ØªØØ·ÙŠØ· Ø£ÙŠ Ù·Ø§Ø·Ù†Ø§Øªª€·Ù·Ù,, Ù... ØªÙ, Ù... Ø·ØªÙ...Ù†ÙŠÙ† Ø·ØØ« DNS Ø¹Ù,, Ù% Ø§Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, ØªØ·Ø®ÙŠØµŠØ©Ø£ Ù♦Ø¥Ù† FTD ÙŠØ³ØªØ®Ø·Ù... Ø·Ø·Ù·Ù,, ØªÙ·Ø·ÙŠÙ† Ø§Ù,, Ø· ÙŠØ§Ù†Ø§Øª Ù,, ØªØØ·ÙŠØ· Ø§Ù,, Ù·Ø§Ø·Ù†Ø©. Ø¥Ø°Ø§ Ù,, Ù... ÙŠÙ†Ù† Ù†Ù†Ø§Ù† ØªØ·Ø§Ø·Ù,, Ø£ Ù♦Ø¥Ù†Ù† ÙŠØ³ØªØ®Ø·Ù... Ø·Ø·Ù·Ù,, ØªÙ·Ø·ÙŠÙ† Ø§Ù,, Ø¥Ø·Ø§Ø±Ø©.

- (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) ØØ·Ø· ØªÙ...Ù†ÙŠÙ† Ø·ØØ« DNS Ù...Ù† Ø®Ù,, Ø§Ù,, Ø®Ø§Ù†Ø© Ø§Ù,, Ø§Ø®ØªÙŠØ§Ø± Ø£ÙŠØ¶Ù§ Ù,, Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, ØªØ·Ø®ÙŠØµŠØ©

Ø¥Ø°Ø§ ØªÙ... ØªÙ...Ù†ÙŠÙ† Ù†Ø°Ø§ Ø§Ù,, Ø®ÙŠØ§Ø±Ø£ ÙŠØ³ØªØ®Ø·Ù... "Ø§Ù,, Ø·Ù♦Ø§Ø¹ Ø¹Ù† ØªÙ†Ø·ÙŠØ· FirePOWER" Ù†Ù,, Ø§ Ù...Ù† Ù·Ø§Ø·Ù†Ø§Øª Ø§Ù,, Ø· ÙŠØ§Ù†Ø§Øª Ø§Ù,, Ù...ØØ·Ø·Ø© Ù·Ù·Ø§Ø·Ù†Ø© Ø§Ù,, ØªØ·Ø®ÙŠØµ Ù,, Ø·Ù, Ø© DNS. ØªØ£Ù†Ø· Ù...Ù† ØªÙ†Ù·ÙŠÙ† Ø¹Ù†Ù·Ø§Ù† IP Ù,, Ù·Ø§Ø·Ù†Ø© Ø§Ù,, ØªØ·Ø®ÙŠØµ Ø¹Ù,, Ù% ØµÙ♦Ø© Ø§Ù,, Ø£Ø·Ù†Ø²Ø© > Ø¥Ø·Ø§Ø±Ø© Ø§Ù,, Ø£Ø·Ù†Ø²Ø© > ØªØ±ÙŠØ± Ø§Ù,, Ø·Ù†Ø§Ø² > Ø§Ù,, Ù·Ø§Ø·Ù†Ø§Øª.

Ø§Ù,,Ø@Ø·Ù`Ø© 3. ØªÙfÙ`ÙŠÙ† FQDN Ù,,Ø´Ø·ÙfØ© Ø§Ù,,ÙfØ§Ø!Ù†

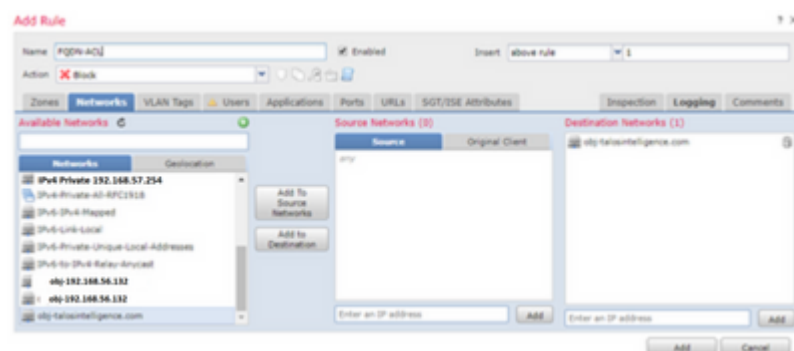
Ø§Ù†ØªÙ,,Ù,, Ø¥Ù,,Ù% ÙfØ§Ø!Ù†Ø§Øª > Ø¥Ø-Ø§Ø±Ø© Ø§Ù,,ÙfØ§Ø!Ù†ØÆ Ø¶Ù...Ù† ÙfØ§Ø!Ù† Ø§Ù,,Ø´Ø·ÙfØ© ØØ-Ø- Ø®ÙŠØ§Ø± FQDN.



- ÙŠØªÙ... Ø¥Ù†Ø´Ø§Ø¡ Ù...Ø¹Ø±Ù Ù ÙØ±ÙŠØ- 32 Ø´Øª Ø¹Ù†Ø-Ù...Ø§ ÙŠÙ,Ù`Ù... Ø§Ù,,Ù...Ø³ØªØØÙ... Ø´Ø¥Ù†Ø´Ø§Ø¡ ÙfØ§Ø!Ù† FQDN
- ÙŠØªÙ... Ø-Ù Ù¹ Ù±Ø°Ø§ Ø§Ù,,Ù...Ø¹Ø±Ù Ù...Ù† FMC Ø¥Ù,,Ù% ÙfÙ,, Ù...Ù† LINA Ù` Snort
- Ù ÙŠ LINAØÆ ÙŠÙ,ØªØ±Ù† Ù±Ø°Ø§ Ø§Ù,,Ù...Ø¹Ø±Ù Ø´Ø§Ù,,ÙfØ§Ø!Ù†
- Ù ÙŠ Ø§Ù,,Ø´Ø®ÙŠØ±ØÆ ÙŠÙ,ØªØ±Ù† Ù±Ø°Ø§ Ø§Ù,,Ù...Ø¹Ø±Ù Ø´Ù,Ø§Ø¹Ø-Ø© Ø§Ù,,ØªØÙfÙ... Ø´Ø§Ù,,Ù`ØµÙ`Ù,, Ø§Ù,,ØªÙŠ ØªØÙ...Ù,, Ù±Ø°Ø§ Ø§Ù,,ÙfØ§Ø!Ù†

Ø§Ù,,Ø@Ø·Ù`Ø© 4. Ø¥Ù†Ø´Ø§Ø¡ Ù,Ø§Ø¹Ø-Ø© ØªØÙfÙ... Ø´Ø§Ù,,Ù`ØµÙ,,

Ø¥Ù†Ø´Ø§Ø¡ Ù,Ø§Ø¹Ø-Ø© Ø´Ø§Ø³ØªØ®Ø-Ø§Ù... ÙfØ§Ø!Ù† FQDN Ø§Ù,,Ø³Ø§Ø´Ù, Ù`Ù†Ø´Ø± Ø§Ù,,Ù†Ù†Ø-:



â€f


```
access-list CSM_FW_ACL_ remark rule-id 268434437: ACCESS POLICY: Aleescob_ACP - Mandatory
access-list CSM_FW_ACL_ remark rule-id 268434437: L4 RULE: FQDN-ACL
access-list CSM_FW_ACL_ advanced deny ip ifc lan_v1556 any ifc wan_1557 object obj-talosintelligence.com
```

- `Ù†Ø°Ø§ Ù...Ø§ ØªØ·Ø·Ù^ Ø·Ù,,ÙŠÙ† Ù❖ÙŠ Snort (ngfw.rules):`

```
# Start of AC rule.
268434437 deny 1 any any 2 any any any any (log dcforward flowstart) (dstfqdn 268434436)
# End rule 268434437
```

`Ù...Ù,,Ø§ØØ,Ø©: Ù❖ÙŠ Ù†Ø°Ø§ Ø§Ù,,Ø³ÙŠÙ†Ø§Ø±ÙŠÙ^Øœ Ù†Ø,Ø±Ø§
Ù,,Ø§Ø³ØªØ®Ø¯Ø§Ù... ÙfØ§Ø!Ù† FQDN Ù,,Ù,,Ù^Ø-Ù†Ø©Øœ ÙŠØªÙ... Ø¥Ø¯Ø±Ø§Ø-Ù†
Ø¹Ù,,Ù% Ø£Ù†Ù† dstfqdn.`

- `Ø¥Ù† ÙŠÙ❖ØØµ Ø£Ù†Øª Ø¹Ø±Ø¶ dns Ù^Ø£Ø¯ Ø¯ÙŠØª fqdn Ø£Ù...Ø±Øœ Ø£Ù†Øª
ÙŠØ³ØªØ·ÙŠØ¹ Ù,,Ø§ØØ,Øª Ø£Ù† Ø§Ù,,Ù...ÙŠØ²Ø© Ø¯Ø¯Ø£Øª Ø£Ù† ÙŠØÙ,, Ø§Ù,, IP Ù,,
tallosintelligence:`

```
aleescob# show dns
Name: talosintelligence.com
Address: 2001:DB8::6810:1b36      TTL 00:05:43
Address: 2001:DB8::6810:1c36      TTL 00:05:43
Address: 2001:DB8::6810:1d36      TTL 00:05:43
Address: 2001:DB8::6810:1a36      TTL 00:05:43
Address: 2001:DB8::6810:1936      TTL 00:05:43
Address: 192.168.27.54             TTL 00:05:43
Address: 192.168.29.54             TTL 00:05:43
Address: 192.168.28.54             TTL 00:05:43
Address: 192.168.26.54             TTL 00:05:43
Address: 192.168.25.54             TTL 00:05:43
```

```
aleescob# show fqdn
FQDN IP Table:
ip = 2001:DB8::6810:1b36, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436

ip = 2001:DB8::6810:1c36, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436

ip = 2001:DB8::6810:1d36, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436

ip = 2001:DB8::6810:1a36, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436

ip = 2001:DB8::6810:1936, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436

ip = 192.168.27.54, object = obj-talosintelligence.com, domain = talosintelligence.com
    FQDN-ID = 268434436
```

```
ip = 192.168.29.54, object = obj-talosintelligence.com, domain = talosintelligence.com
FQDN-ID = 268434436
```

```
ip = 192.168.28.54, object = obj-talosintelligence.com, domain = talosintelligence.com
FQDN-ID = 268434436
```

```
ip = 192.168.26.54, object = obj-talosintelligence.com, domain = talosintelligence.com
FQDN-ID = 268434436
```

```
ip = 192.168.25.54, object = obj-talosintelligence.com, domain = talosintelligence.com
FQDN-ID = 268434436
```

FQDN ID Detail:

FQDN-ID = 268434436, object = obj-talosintelligence.com, domain = talosintelligence.com

```
ip = 2001:DB8::6810:1b36, 2001:DB8::6810:1c36, 2001:DB8::6810:1d36, 2001:DB8::6810:1a36, 2001:DB8::6810:1e36
```

- Ø¥Ø°Ø§ Ù,Ù...Øª Ø·Ù❖ØØµ Ø¥Ø,Ù±Ø§Ø± Ù,Ø§Ø!Ù...Ø© Ø§Ù,,Ù^ØµÙ^Ù,, Ù❖Ùš
LINAØŒ ÙšÙ...ÙfÙ†Ùf Ù...Ù,,Ø§ØØ°,Ø© Ø§Ù,,Ø¥Ø-Ø®Ø§Ù,,Ø§Øª Ø§Ù,,Ù...Ù^Ø³Ø¹Ø©
Ù,,ÙfÙ,, Ø-Ù,Ø© Ù^Ø¶Ù^Ø Ù^Ø¹Ø-Ø- Ù...Ø±Ø§Øª Ø§Ù,,Ù^ØµÙ^Ù,,:

```
firepower# show access-list
```

access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	object	obj-talosintell
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	fqdn	talosintelligence
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	2001:DB8::6810:1b
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	2001:DB8::6810:1c
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	2001:DB8::6810:1d
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	2001:DB8::6810:1e
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	2001:DB8::6810:1f
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	192.168.27.54 (ta
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	192.168.29.54 (ta
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	192.168.28.54 (ta
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	192.168.26.54 (ta
access-list	CSM_FW_ACL_	line 10	advanced	deny	ip	ifc	lan_v1556	any	ifc	wan_1557	host	192.168.25.54 (ta

- ÛƒÛ...ø§ Û‡Û` Û...Û`ø¶ø Û`ÛŠ ø§Û,,øµÛ`ø±ø©øœ ÛŠÛ`ø'Û,, ø¥ø®øªø`ø§ø±ø§Û,,ø§øªøµø§Û,, ø¥Û,,Û% talosintelligence.com Û†ø,ø±ø§ Û,,Û`ø-Û`ø`øªø·ø§ø`Û, Û,, FQDN Û`ÛŠ Û,ø§ø!Û...ø© ø§Û,,Û`øµÛ`Û,, ø¹Û...Û,, øªøÛ,,ÛŠÛ,, DNS Û...Û†ø° øø,ø± øø²Û...ø© ICMP ø`Û`ø§ø³ø·ø© FTD.

```
C:\Windows\system32>ping talosintelligence.com

Pinging talosintelligence.com [192.168.27.54] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.27.54
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Windows\system32>
```

 $\hat{a} \in f$

- Ø¹Ø²Ø³ Ù...Ø±Ø§Øª Ø§ØÙ,,Ù`Øµ`Ù,, Ù...Ù† LINA Ù,,ØØ²Ù... ICMP Ø§ØÙ,,ØªÙŠ ØªÙ... Ø¥Ø±Ø³Ø§ØÙ,,Ù‡Ø§ Ù...Ø³Ø´Ù,Ø§:


```
Phase: 2
Type: ACCESS-LIST
Subtype:
Result: ALLOW
Config:
Implicit Rule
Additional Inform
MAC Access list
```

```
Phase: 3
Type: ROUTE-LOOKUP
Subtype: Resolve Egress Interface
Result: ALLOW
Config:
Additional Information:
found next-hop 192.168.57.254 using egress ifc wan_1557
```

```
Phase: 4
Type: ACCESS-LIST
Subtype: log
Result: DROP
Config:
access-group CSM_FW_ACL_ global
access-list CSM_FW_ACL_ advanced deny ip ifc lan_v1556 any ifc wan_1557 object obj-talosintelligence.com
access-list CSM_FW_ACL_ remark rule-id 268434437: ACCESS POLICY: Aleescob_ACP - Mandatory
access-list CSM_FW_ACL_ remark rule-id 268434437: L4 RULE: FQDN-ACL
Additional Information:
```

```
Result:
input-interface: lan_v1556
input-status: up
input-line-status: up
output-interface: wan_1557
output-status: up
output-line-status: up
Action: drop
Drop-reason: (acl-drop) Flow is denied by configured rule
```

- Ø¥Ø°Ø§ ùfø§ù† ø§ù,,ø¥ø¬ø±ø§ø; ø§ù,,ø®ø§øµù,ø§ø¹ø¬ø© ø§ù,,øªøùfù... ù❖ùš
ø§ù,,ù¬øµù^ù,, ù...ø³ù...ù¬øøø ø¬ù‡øœ ù❖ù‡ø°øø ù...ø«ø§ù,, ø¹ù,,ù%
ø¥ø®ø±ø§ø¬¬ø¬¹ù... ø§ù,,ù†ø,ø§ù... ù,,ø¬ø¬øøø± øù...ø§ùšø©¬ù...øø±ùf-
øªøµøùšø ø§ù,,ø£ø®ø·øøø;

```
> system support firewall-engine-debug
```

```
Please specify an IP protocol: icmp
Please specify a client IP address: 192.168.56.132
Please specify a server IP address:
Monitoring firewall engine debug messages
```

```
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 new firewall session
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 DAQ returned DST FQDN ID: 268434436
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 Starting with minimum 2, 'FQDN-ACL', and SrcZone first wit
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 Match found for FQDN id: 268434436
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 match rule order 2, 'FQDN-ACL', action Allow
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 MidRecovery data sent for rule id: 268434437,rule_action:2
192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 allow action
```

192.168.56.132-8 > 192.168.29.54-0 1 AS 1 I 0 deleting firewall session

- Ø¹Ù†Ø¬ Ù†Ø´Ø± FQDN ÙfØ¬Ø²Ø¡ Ù...Ù† Ø¹Ø§Ù...Ù,, ØªØµØ§ÙŠØ© Ù...Ø³Ø´Ù, (FastPath)ØŒ Ù‡ÙfØ°Ø§ ØªØ´Ø¬Ù^ Ø§ÙŠ Ø§Ù,,Ù,Ù^Ø§Ø¹Ø¬ ngfw.rules:

iab_mode Off

Start of tunnel and priority rules.

These rules are evaluated by LINA. Only tunnel tags are used from the matched rule id.

268434439 fastpath any any any any any any any (log dcforward both) (tunnel -1)

268434438 allow any any 1025-65535 any any 3544 any 17 (tunnel -1)

268434438 allow any any 3544 any any 1025-65535 any 17 (tunnel -1)

268434438 allow any any any any any any any 47 (tunnel -1)

268434438 allow any any any any any any any 41 (tunnel -1)

268434438 allow any any any any any any any 4 (tunnel -1)

End of tunnel and priority rules.

- Ù...Ù† Ù¬Ø¬Ù‡Ø© Ù†Ø,Ø± LINA Ù...Ø¹ ØØ²Ù...Ø© Ù...ØªØªØ¹:

Phase: 4

Type: ACCESS-LIST

Subtype: log

Result: ALLOW

Config:

access-group CSM_FW_ACL_ global

access-list CSM_FW_ACL_ advanced trust ip any object obj-talosintelligence.com rule-id 268434439 event-

access-list CSM_FW_ACL_ remark rule-id 268434439: PREFILTER POLICY: Prefilter-1

access-list CSM_FW_ACL_ remark rule-id 268434439: RULE: FQDN_Prefilter

Additional Information:

Ø§Ø³ØªÙfØ´Ø§Ù Ø§Ù,,ØŒØ®Ø·Ø§Ø¡ Ù¬Ø¥ØµÙ,,Ø§ØÙ‡Ø§

1. Ø§Ù,,ØªÙfÙ^ÙŠÙ† Ù...Ù† FMC

- ØªØÙ,Ù, Ù...Ù† ØªÙfÙ^ÙŠÙ† Ø§Ù,,Ù†Ù‡Ø¬ Ù¬Ø¥Ø¹Ø¬Ø§Ø¬Ø§Øª Ø®Ø§Ø¬Ù... DNS Ø¬Ø¬ÙfÙ,, ØØÙŠØ
- Ø§Ù,,ØªØÙ,Ù, Ù...Ù† Ù†Ø¬Ø§Ø Ø§Ù,,Ù†Ø´Ø±

2. Ù†Ø´Ø± Ø§Ù,,ØªØÙ,Ù, Ù...Ù† FTD

- Ù,Ù... Ø¬ØªØ¬ÙŠÙ,, show dns Ù^ show access list Ù,,Ù...Ø¹Ø±Ù Ø© Ù...Ø§ Ø¥Ø°Ø§ ØªÙ... ØÙ,, FQDN Ù¬ØªÙ¬Ø³Ø¹Ø© Ù,Ù^Ø§Ø¹Ø¬ Ø§Ù,,ØªÙŠØ§Ø± Ø§Ù,,Ù...ØªØ±Ø¬Ø¬
- Ù,Ù... Ø¬ØªØ¬ÙŠÙ,, Ø§Ù,,Ø¹Ø±Ø¶ ØªØ¬Ø¬ÙŠÙ,, Ø¬Ø¬ÙfØ© Ø§Ù,,ÙfØ§Ø¡Ù† Ù¬Ù,,Ø§ØØ, ØŒØ³Ù ØÙ,, Ø§Ù,,Ù...Ø¹Ø±Ù Ø§Ù,,Ù...Ø±ØªØ¬ Ø· Ø¬Ø§Ù,,ÙfØ§Ø¡Ù† (Ù,Ù,, X Ù,,Ù,,Ù...ØµØ¬Ø±)
- Ù,Ù... Ø¬ØªØ¬ÙŠÙ,, show fqdn id x Ù,,Ù,,ØªØÙ,Ù, Ù...Ù† ØÙ,, FQDN Ø¥Ù,,Ù%Ø IP

Ø§Ù,,Ù...ØØ-Ø± Ø-Ø-ÙfÙ,, ØØÙŠØ

- Ø§Ù,,ØªØÙ,,Ù, Ù...Ù...Ø§ Ø¥Ø°Ø§ ÙfØ§Ù† Ù...Ù,,Ù ngfw.rules ÙŠØØªÙ^ÙŠ Ø¹Ù,,Ù%
Ù,,Ø§Ø¹Ø-Ø© AC Ø-Ù...Ø¹Ø±Ù FQDN X ÙfÙ...ØµØ-Ø±
- Ù,,Ù... Ø-ØªØ-Ø°ÙŠÙ,, ØªØØÙŠØ Ø£Ø®Ø-Ø§Ø; Ù...ØØ±Ùf Ø-Ø-Ø§Ø± Ø§Ù,,ØÙ...Ø§ÙŠØ©
Ù,,Ø-Ø¹Ù... Ø§Ù,,Ù†Ø,Ø§Ù... Ù-ØªØÙ,,Ù, Ù...Ù† Ø§Ù,,ØÙfÙ... Ø¹Ù,,Ù% Ø§Ù,,ØªØ-Ù,,Ù,,

ØªØ-Ù...ÙŠØ¹ Ù...Ù,,Ù Ø§Øª Ø£Ø³ØªÙfØ-Ø§Ù Ø£Ø®Ø-Ø-Ø§Ø; FMC Ù-Ø¥ØµÙ,,Ø§ØÙ±Ø§

ÙŠØªÙ... ØªØ-Ù...ÙŠØ¹ Ø-Ù...ÙŠØ¹ Ø§Ù,,Ø³Ø-Ù,,Ø§Øª Ø§Ù,,Ù...Ø-Ù,,Ù-Ø-Ø© Ù...Ù†
Ø£Ø³ØªÙfØ-Ø§Ù Ø£Ø®Ø-Ø-Ø§Ø; FMC Ù-Ø¥ØµÙ,,Ø§ØÙ±Ø§. Ù,,ØªØ-Ù...ÙŠØ¹ Ø-Ù...ÙŠØ¹
Ø§Ù,,Ø³Ø-Ù,,Ø§Øª Ø§Ù,,Ù...Ù±Ù...Ø© Ù...Ù† FMCØ£ Ù,,Ù... Ø-ØªØ-Ø°ÙŠÙ,, Ø£Ø³ØªÙfØ-Ø§Ù
Ø§Ù,,Ø£Ø®Ø-Ø-Ø§Ø; Ù-Ø¥ØµÙ,,Ø§ØÙ±Ø§ Ù...Ù† Ù-Ø§Ø-Ù±Ø© Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù...
Ø§Ù,,Ø±Ø³Ù^Ù...ÙŠØ© (GUI) Ù,, FMC. Ù-Ø¥Ù,,Ø§ Ù...Ù† Ù...Ù-Ù± FMC LinuxØ£ Ù,,Ù,,Ù...
Ø-ØªØ-Ø°ÙŠÙ,, sf_troubleshooting.pl. Ø¥Ø°Ø§ Ù-Ø-Ø-Øª Ù...Ø-ÙfÙ,,Ø©Ø£ ÙŠØ±Ø-Ù%
Ø¥Ø±Ø³Ø§Ù,, Ø£Ø³ØªÙfØ-Ø§Ù Ø£Ø®Ø-Ø-Ø§Ø; FMC Ù-Ø¥ØµÙ,,Ø§ØÙ±Ø§
Ø-Ø§Ø³ØªØ®Ø-Ø§Ù... Ø§Ù,,ØªÙ,,Ø±ÙŠØ± Ø§Ù,,Ø®Ø§Øµ Ø-Ùf Ø¥Ù,,Ù% Ù...Ø±ÙfØ²
Ø§Ù,,Ù...Ø³Ø§Ø¹Ø-Ø© Ø§Ù,,ØªÙ,,Ù†ÙŠØ© (TAC) Ù...Ù† Cisco.

Ø³Ø-Ù,,Ø§Øª FMC

Ø§Ø³Ù... Ù...Ù,,Ù Ø§Ù,,Ø³Ø-Ù,,/Ù...Ù^Ù,,Ø¹Ù±	Ø§Ù,,Ø°Ø±Ø¶
/opt/CSC0px/MDC/log/operation/vmsshreddsvcs.log	ÙfØ§Ù-Ø© Ù...ÙfØ§Ù,,Ù...Ø§Øª API
/var/opt/CSC0px/MDC/log/operation/usmsharedsvcs.log	ÙfØ§Ù-Ø© Ù...ÙfØ§Ù,,Ù...Ø§Øª API
/opt/CSC0px/MDC/log/operation/vmsbesvcs.log	Ø³Ø-Ù,,Ø§Øª Ø¥Ù†Ø-Ø§Ø; Ù-Ø§Ø-Ù±Ø© Ø³Ø-Ø± Ø§Ù,,Ø£Ù-Ø§Ù...Ø± (CLI)
/opt/CSC0px/MDC/tomcat/logs/stdout.log	Ø-Ø-Ù¹ Ø§Ù,,Ù,,Ø.
/var/log/mojo.log	Ù...Ù-Ø-Ù Ù,,Ù-ÙfØ³
/var/log/CSMAgent.log	Ø¥Ø-Ø±Ø§Ø; Ù...ÙfØ§Ù,,Ù...Ø§Øª Ø§Ù,,Ø±Ø§Ø© Ø-ÙŠÙ† CSM Ù^ DC




/var/log/action_queue.log

030-Ù,, Ù,0§0!Ù...00 0§Ù†0ª0,0§0±
0¥0-0±0§0;0§0ª DC

0§Ù,,Ù...0´0§ÙfÙ,, 0§Ù,,0´0§0!0¹00/0±0³0§0!Ù,, 0§Ù,,000·0£

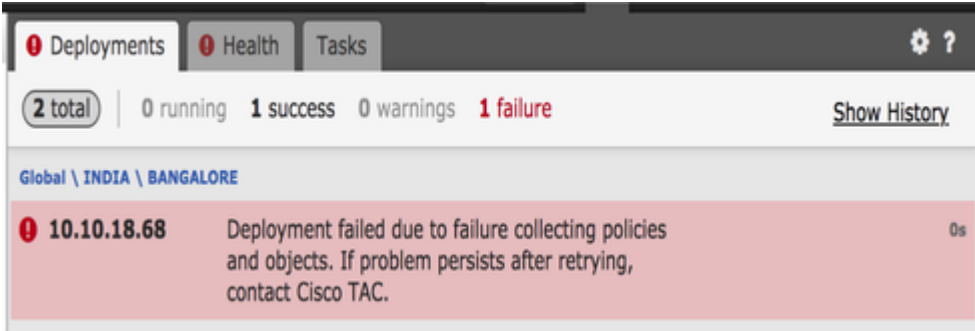
Ù‡0°Ù‡ Ù‡Ùš 0§Ù,,0£000·0§0; /0§Ù,,0ª00°Ùš0±0§0ª 0§Ù,,Ù...0¹0±Ùˆ0¶00 Ù 0§Ùš
Ùˆ0§0-Ù‡00 0§Ù,,Ù...0³0ª000-Ù... Ù,,Ùf0§0! Ù† FQDN ÙˆÙ...0-Ù...Ùˆ0¹00
00Ùˆ0§0-Ù... DNS Ùˆ0¥0¹0-0§0-0§0ª DNS:

<div>ø®ø·ø£/øªøø°ùšø±</div>	<div>ø§ù,,ø³ùšù†ø§ø±ùšùˆ</div>	<div>ø§ù,,ùˆø¶</div>								
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>Name contains invalid characters. Name should be start with either alphabet or underscore and follow with either alphanumeric or special characters (-,_,+,.)</div></div> <div><div>ùšøªùˆùš ø§ù,,ø§ø³ù... ø¹ù,,ù% ø£øø±ù</div><div>ø°ùšø± øμøùšøøø. ùšø-øˆ ø£ù† øªøˆø-ø£ø§ù,,ø£ø³ù...ø§ø; øˆø§ù,,øø±ùˆù</div><div>ø§ù,,ø£øˆø-ø-ùšøø ø£ùˆ ø§ù,,øªø³ø·ùšø± ø«ù... øˆø¹øˆø°ù,,ùf ø¥ù...ø§ ø§ù,,øø±ùˆù</div><div>ø§ù,,ø£øˆø-ø-ùšøø ø§ù,,ø±ù,ù...ùšøø ø£ùˆø§ù,,øø±ùˆù ø§ù,,ø®ø§øμøø. (-øœ_øœ+øœ.)</div></div>	<div><div>ù...ø³øªø¹ù...ù,,øªùfùˆùšù† ø§ø³ù...ø°ùšø± øøùšø</div></div>	<div><div>ùšøªù...ø¥ø¹ù,,ø§ù...ø§ù,,ù...ø³øªø®ø-ù.øˆ "ù...ø³ù...ùˆø"</div><div>ø§ù,,øø±ùˆùùˆø§ù,,øøˆø§ù,,ø£ù,øμù%ù,,ù,,ù†ø·ø§ù,,</div></div>								
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>Invalid default domain value</div></div> <div><div>ù,ùšù...øø ø§ù,,ù...ø-ø§ù,,ø§ù,,ø§ùøªùšøø ø°ùšø± øμø§ù,,øøø</div></div>	<div><div>ùšù,ùˆù...ø§ù,,ù...ø³øªø®ø-ù...øˆøªùfùˆùšù†ø§ø³ù... ù...ø-ø§ù,,ø°ùšø± øøùšø</div></div>	<div><div>ùšøªù...ø¥ø¹ù,,ø§ù...ø§ù,,ù...ø³øªø®ø-ù.øˆø§ù,,øø±ùˆùø§ù,,ù...ø³ù...ùˆøøˆù‡ø§ùˆø§ù,,ù†ø·ø§ù,ø§ù,,ø£ù,øμù%.</div></div>								
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>Errors and Warnings for Requested Deployment</div><div>One or more selected devices have warnings. You can still proceed with deployment.</div><table><tr><th>Severity</th><th>Device</th><th>Policy</th><th>Details</th></tr><tr><td>Warning</td><td>mzafeiro</td><td>mzafeiro_Platform</td><td>NgfwPFSettings No Interface Object has been selected for the DNS in platform setting 'mzafeiro_Platform_Settings'. If proceeded, DNS domain-lookup will happen on all interfaces.</td></tr></table><div><div>ù,,ù... ùšøªù... øªøø-ùšøˆ ùfø§ø!ù† ùˆø§ø-ù‡øøù,, DNS ùøùš ø¥ø¹øˆø§øˆø§ù,,ù†ø,ø§ù...ø§ù,,ø£ø³ø§ø³ùš 'mzafeiro_platform_settings'.ùøùš øø§ù,,øø ø§ù,,ù...øªø§øˆø¹øøœ</div></div></div>	Severity	Device	Policy	Details	Warning	mzafeiro	mzafeiro_Platform	NgfwPFSettings No Interface Object has been selected for the DNS in platform setting 'mzafeiro_Platform_Settings'. If proceeded, DNS domain-lookup will happen on all interfaces.	<div><div>ù,,ù... ùšøøø-ø§ù,,ù...ø³øªø®ø-ù...ø£ùš ùˆø§ø-ù‡øøù,,ù,,øˆøø« ø¹ù†ø§ù,,ù...ø-ø§ù,,ù,,ø-ù‡ø§ø² ù...ø§øˆ¹øˆ 6.3</div></div>	<div><div>øªù... øªøø°ùšø±ø§ù,,ù...ø³øªø®ø-ù.ù...ù† ø£ù† DNSø³ùšøªù...øªøø-ùšù,ùˆø§ø-ù‡øøø³ø·ø±ø§ù,,ø£ùˆø§ù...ø±ù,,ù...ø-ù...ùˆ¹øøø§ù,,ø®ùˆø§ø-ù...ù,ø±ùšøˆø§</div></div>
Severity	Device	Policy	Details							
Warning	mzafeiro	mzafeiro_Platform	NgfwPFSettings No Interface Object has been selected for the DNS in platform setting 'mzafeiro_Platform_Settings'. If proceeded, DNS domain-lookup will happen on all interfaces.							

<p>Ø³ÙŠØªÙ... Ù,Ø±ÙŠØ¨ Ø§ Ø¥Ø¬-Ø±Ø§Ø¡; Ø§Ù„Ø¨¨ ØØ« Ø¹Ù† Ù...Ø¬-Ø§Ù„ DNS Ø¹Ù„Ù‰ Ø¬Ù...ÙŠØ¹ Ø§Ù„Ù„ÙˆØ§Ø¬-Ù‡Ø§Øªª</p>		<p>Ù„Ø¬Ù...ÙŠØ¹ Ø§Ù„Ù„ÙˆØ§Ø¬-Ù‡Ø§Øªª.</p>								
<div><div>Errors and Warnings for Requested Deployment</div><div>One or more selected devices have warnings. You can still proceed with deployment.</div><table><tr><th>Severity</th><th>Device</th><th>Policy</th><th>Details</th></tr><tr><td> Warning</td><td>banfouqa</td><td>PS</td><td>NgfwPFSettings No Interface Object has been selected for the DNS platform setting 'PS'. If proceeded, no DNS server-group with 'DNS_Group1' will get applied.</td></tr></table><p>Ù„Ù„ÙŠØªÙ... ØªØØ°ÙŠØ± ÙˆØ§Ø¡Ù† ÙˆØ§Ø¬-Ù‡Ø© Ù„ DNS ÙˆÙŠ Ø¥Ø¹Ø¬-Ø§Ø¬ Ø§Ù„Ù†Ø„Ø§Ù„... Ø§Ù„Ø£Ø³Ø§Ø³ÙŠ 'mzaforo_platform_settings'. ÙˆÙŠ Ø§Ù„Ø© Ø§Ù„Ù„Ù„ØªØ§Ø¨ Ø¹Ø©Øœ Ù„Ù† ÙŠØªÙ... ØªØ¬¨ÙŠÙ, Ø£ÙŠ Ù...Ø¬Ù...ÙˆØ¹Ø© Ø®ÙˆØ§Ø¬Ù... DNS Ù...Ø¹ "DNS" Ù,Ø±ÙŠØ¨ Ø§</p></div>	Severity	Device	Policy	Details	 Warning	banfouqa	PS	NgfwPFSettings No Interface Object has been selected for the DNS platform setting 'PS'. If proceeded, no DNS server-group with 'DNS_Group1' will get applied.	<p>Ù„Ù„ÙŠØØ-Ø- Ø§Ù„Ù„Ù„Ø³ØªØ®Ø¬Ù... Ø£ÙŠ ÙˆØ§Ø¬-Ù‡Ø© Ù„Ù„Ø¨Ø« Ø¹Ù† Ø§Ù„Ù„Ù„Ø¬Ù„ Ù„Ø¬ÙˆØ§² 6.2.3</p>	<p>ØªÙ... ØªØØ°ÙŠØ± Ø§Ù„Ù„Ù„Ø³ØªØ®Ø¬Ù... Ø£Ù† DNS ÙˆØ§Ø¬-Ù‡Ø© Ø³Ø¬Ø± Ø§Ù„Ø£ÙˆØ§Ù„Ø± (CLI) Ø§Ù„Ø®Ø§Ø®Ø© Ø¨Ù...Ø¬Ù...ÙˆØ¹Ø© Ø§Ù„Ø®ÙˆØ§Ø¬Ù... Ù„ÙŠØ³Øªª ØªÙ... Ø§Ù„Ù„Ø¥Ù†Ø¬Ø§Ø¡.</p>
Severity	Device	Policy	Details							
 Warning	banfouqa	PS	NgfwPFSettings No Interface Object has been selected for the DNS platform setting 'PS'. If proceeded, no DNS server-group with 'DNS_Group1' will get applied.							

ÙˆØ¬Ù„ Ø§Ù„Ù†Ø¬Ø±

Ø¹Ù†Ø¬ Ø¥Ø³ØªØ®Ø¬Ø§Ù„... FQDN ÙˆÙŠ Ø§Ù„Ù†Ù‡Ø¬ Ø¨ØÙ„Ø§Ù„ Ù†Ù‡Ø¬ AC/Ù†Ù‡Ø¬
Ø¹Ø§Ù„Ù„Ù„ Ø§Ù„ØµÙˆÙŠØ© Ø§Ù„Ù„Ù„Ø³Ø¨Ù„Øœ ÙŠÙ...ÙˆÙ† ØØ¬Ùˆ« Ù‡Ø°Ø§
Ø§Ù„Ø®Ø¬ÙˆØ¥ÙˆØ§Ø±Ù‡ ÙˆÙŠ ÙˆØ§Ø¬-Ù‡Ø© Ù...Ø³ØªØ®Ø¬Ù... FMC:



Ø®Ø¬ÙˆØ§Øª Ø£Ø³ØªÙˆØ¬Ø§Ù„ Ø§Ù„Ø£Ø®Ø¬Ø§Ø¡ ÙˆØ¥ØµÙ„Ø§Ø±Ø§ Ø§Ù„Ù„ÙˆØµÙ‰ Ø¨Ù‡Ø§

- Ø§Ù„ØªÙ„Ù„Ù„ Ø§Ù„Ù„Ø³Ø¬Ù„:
/var/opt/CSCOpX/MDC/log/operation/usmshredsvcs.log
- Ø§Ù„ØªÙ„Ù„Ù„ ÙˆÙ† Ø®Ø© Ø±Ø³Ø§Ù„Ø© Ù„Ù„Ù„Ø§Ø«Ù„Ø© Ù„:

"ØªÙ... ØªÙˆÙˆÙŠÙ† Ø¬ÙˆØ© (Ø¬ÙˆØ§Øª) Ø¨ÙŠØ± Ø§Ù„Ø©. ØªØ¬ÙŠØ± Ø§Ù„ÙˆØ¬Øª
[NetworksContainsFQDN] Ø§Ù„ØªÙ„Ù„Ù„ÙˆÙˆÙ†Ù‡Ø§ Ø¹Ù„Ù„Ø§Ù„Ù„ÙˆØ§Ø²
(Ø§Ù„Ø£Ø¬ÙˆØ²Ø©) [DeviceName] Ø¥Ù„Ù„ FQDN

â€f

```
USMS: 05-24 10:34:55 ** ID : 364feb06-6b77-4392-a7f5-87b50c5a7e06
USMS: 05-24 10:34:55 ** URL: POST https://localhost6/csm/api/deploy/DeployDevices
USMS: 05-24 10:34:55 {
USMS: 05-24 10:34:55   "version": "6.3.0",
USMS: 05-24 10:34:55   "error": {
USMS: 05-24 10:34:55     "code": 1,
USMS: 05-24 10:34:55     "description": "<html> Unknown Error.<br><br>Unknown error, 'Failed to create snapshot: Invalid network(s) configured<br><br> Networks [MyGroup] configured on device(s) [68] refer to<br>FQDN. They are invalid<br><br> Enter valid networks<br>\n' .<br><br> Please try the operation again<br></html>"
USMS: 05-24 10:34:55   }
USMS: 05-24 10:34:55   "deletelist": []
USMS: 05-24 10:34:55 }
USMS: 05-24 10:34:55
```

â€f

3) Ø§Ù,,Ø¥Ø-Ø±Ø§Ø; Ø§Ù,,Ù...Ù,ØªØ±Ø:

ØªØÙ,,Ù, Ù...Ù† ØªÙfÙ`ÙŠÙ† Ù†Ù‡Ø¬ Ø£Ù` Ø£ÙfØ«Ø± Ù...Ù† Ø§Ù,,Ù†Ù‡Ø¬
Ø§Ù,,Ù...Ø`ÙfÙ`Ø±Ø© Ø£Ø-Ù†Ø§Ù‡ Ø·Ø§Ù,,Ù♦Ø¹Ù,, Ø¨Ø§Ø³ØªØ®Ø-Ø§Ù... FQDN Ø£Ù`
Ù...Ø¬Ù...Ù`Ø¹Ø© ØªØªØªÙ`ÙŠ Ø¹Ù,,Ù% ÙfØ§Ø!Ù† (ÙfØ§Ø!Ù†Ø§Øª) FQDN Ù`Ø£Ø¹Ø¬
Ù...Ø§ØªÙ`Ù,,Ø© Ù†ØªØ±Ù‡ Ø¨`Ø¹Ø¬ Ø¥Ø²Ø§Ù,,Ø© Ù‡Ø`Ù‡ Ø§Ù,,ÙfØ§Ø!Ù†Ø§Øª.

Ø£) Ø³ÙŠØ§Ø³Ø© Ø§Ù,,Ù‡Ù`ÙŠØ©

Ø¨) Ù...Ø¬Ù...Ù`Ø¹Ø§Øª Ø§Ù,,Ù...ØªØ`ÙŠØ±Ø§Øª Ø§Ù,,ØªÙŠ ØªØªØªÙ`ÙŠ Ø¹Ù,,Ù% FQDN
Ù...Ø·Ø¬Ù,,Ø© Ø¹Ù,,Ù% Ø³ÙŠØ§Ø³Ø© AC

Ù,,Ù... ÙŠØªÙ... ØªÙ†Ø¬ÙŠØ· FQDN

ÙŠÙ...ÙfÙ† Ø£Ù† ÙŠØ¹Ø±Ø¶ Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ§Ù,,ÙŠ Ù...Ù† Ø®Ù,,Ø§Ù,, Ù`Ø§Ø¬Ù‡Ø©
Ø³Ø·Ø± Ø§Ù,,Ø£Ù`Ø§Ù...Ø± (CLI) Ø§Ù,,Ø®Ø§Ø® Ø¨` FTD:

> Ø¥Ø,Ù‡Ø§Ø± Ù...Ø¹Ù,,Ù`Ù...Ø§Øª DNS: Ù,,Ø§ ÙŠÙ`Ø¬Ø¬ FQDN Ù...Ù†Ø¬.

Ù,,Ø§ ÙŠØªÙ... ØªÙ†Ø¬ÙŠØ· DNS ØªØªÙ% ÙŠØªÙ... ØªØ·Ø¬ÙŠÙ, ÙfØ§Ø!Ù† Ø°ÙŠ Ù,ÙŠÙ...Ø©
FQDN Ù...Ø¹Ø±Ù♦Ø©. Ø¨`Ø¹Ø¬ ØªØ·Ø¬ÙŠÙ, ÙfØ§Ø!Ù†Ø£ ÙŠØªÙ... ØÙ,, Ù‡Ø°Ø§.

Ø£Ø³Ø!Ù,,Ø© Ù`Ø£Ø¬Ù`Ø¬Ø©

Ø³: Ù‡Ù,, Packet-tracer Ù...Ø¹ FQDN Ø¥Ø®ØªØ¬Ø§Ø± Ø¶§Ù,,Ø Ù,,Ø§Ø³ØªÙfØ¬Ø§Ù♦
Ø§Ù,,Ù...Ø¬Ø§ÙfÙ,, Ù`Ø¥ØµÙ,,Ø§ØÙ‡Ø§ØŸ

Ø£: Ù†Ø¹Ù...Ø£ ÙŠÙ...ÙfÙ†Ùf Ø¥Ø³ØªØ®Ø¬Ø§Ù... Ø®ÙŠØ§Ø± fqdn Ù...Ø¹ packet-tracer.

Ø³: ÙfÙ... Ù...Ø±Ø© ØªÙ,Ù`Ù... Ù,Ø§Ø¹Ø¬Ø© FQDN Ø¨ªØªÙŠØ« Ø¹Ù†Ù`Ø§Ù† IP
Ø§Ù,,Ø®Ø§ØµØ¬Ø§Ù,,Ø®Ø§Ø¬Ù...ØŸ

A: ÙŠØ¹ØªÙ...Ø¬ Ø¹Ù,,Ù% Ù,ÙŠÙ...Ø© Ù...Ø¬Ø© Ø§Ù,,Ø¬Ù,Ø§Ø; (TTL) Ø§Ù,,Ø®Ø§Ø¶Ø©
Ø¬Ø§Ø³ØªØ¬-Ø§Ø¬Ø© DNS. Ø¬Ù...Ø¬Ø±Ø¬ Ø§Ù†ØªÙ‡Ø§Ø; Øµ,,Ø§ØÙŠØ© Ù,ÙŠÙ...Ø© TTLØ£
ÙŠØªÙ... ØÙ,, FQDN Ù...Ø±Ø© Ø£Ø®Ø±Ù% Ø¬Ø§Ø³ØªØ®Ø¬Ø§Ù... Ø§Ø³ØªØ¹Ù,,Ø§Ù... DNS
Ø¬Ø¬ÙŠØ¬.

ÙŠØ¹ØªÙ...Ø¬ Ù‡Ø°Ø§ Ø£ÙŠØ¶Ø§ Ø¹Ù,,Ù% Ø³Ù...Ø© Ù...Ø¬Ù,Øª Ø§Ù,,Ø§Ø³ØªÙ,Ø¶Ø; Ø§Ù,,Ù...Ø¹Ø±Ù♦Ø© Ù♦ÙŠ ØªÙfÙ`ÙŠÙ† Ø®Ø§Ø¬Ù... DNS. ÙŠØªÙ... ØÙ,, Ù,Ø§Ø¹Ø¬Ø©
FQDN Ø¬`Ø¬ÙfÙ,, Ø¬Ù`Ø±ÙŠ Ø¹Ù†Ø¬ Ø§Ù†ØªÙ‡Ø§Ø; ØµÙ,,Ø§ØÙŠØ© Ù...Ø¬Ù,Øª DNS
Ù,,Ù,,Ø§Ø³ØªØ·Ù,,Ø§Ø¹ Ø£Ù` Ø¹Ù†Ø¬ Ø§Ù†ØªÙ‡Ø§Ø; ØµÙ,,Ø§ØÙŠØ© Ù...Ø¬Ø©
Ø§Ù,,Ø¬Ù,Ø§Ø; (TTL) Ù,,Ø¥Ø¬Ø®Ø§Ù,, IP Ø§Ù,,Ø°ÙŠ ØªÙ... ØÙ,,Ù‡Ø£ Ø£ÙŠÙ‡Ù...Ø§

ÙŠØ£ØªÙŠ Ø£ÙˆÙ,,Ø§.

Ø³: Ù‡Ù,, ÙŠØ¹Ù...Ù,, Ù‡Ø°Ø§ Ù...Ø¹ Ù†Ø,Ø§Ù... Ø£Ø³Ù...Ø§Ø; Ø§Ù,,Ù†Ø·Ø§Ù,Ø§Øª (DNS) Ø§Ù,,ØˆÙˆØ±ÙŠØŸ

A: ÙŠØ¹Ù...Ù,, Ù†Ø,Ø§Ù... Ø£Ø³Ù...Ø§Ø; Ø§Ù,,Ù†Ø·Ø§Ù,Ø§Øª (DNS) Ø§Ù,,ØˆÙˆØ±ÙŠ ØˆØˆÙƒÙ,, Ø³Ù,,Ø³ ØÙŠØ« ØªØ¹Ù...Ù,, Ù‡Ø°Ù‡ Ø§Ù,,Ù... ÙŠØ²Ø© Ø¹Ù,,Ù% FMC/FTD ØˆØ§Ø³ØªØ©ØˆØ§Ù... Ø¹Ù...ÙŠÙ,, DNSØ£ ÙƒÙ...Ø§ Ø£Ù† ØªÙƒÙˆÙŠÙ† Ù†Ø,Ø§Ù... Ø£Ø³Ù...Ø§Ø; Ø§Ù,,Ù†Ø·Ø§Ù,Ø§Øª (DNS) Ø§Ù,,ØˆÙˆØ±ÙŠ Ø§Ù,,ØˆÙˆØ±ÙŠ ÙŠÙ,Ø¹ Ø¹Ù,,Ù% ØˆØ§Ù†Øˆ Ø©Ø§ØˆÙ... DNS.

Ø³: Ù‡Ù,, Ù‡Ù†Ø§Ùƒ ØØˆ Ù,,Ù,ÙŠÙ... DNS Ø°Ø§Øª Ù...ØˆØ© Ø§Ù,,ØˆÙ,Ø§Ø; (TTL) Ø§Ù,,Ù...Ù†Ø©ÙŸØŸØ©ØŸ

Ø£: ØŸØ°Ø§ ØˆØ§Ø;Øª ØŸØ³ØªØˆØ§ØˆØ© DNS Ù...Ø¹ 0 Ù...ØˆØ© Ø§Ù,,ØˆÙ,Ø§Ø; (TTL)Ø£ ÙŠØŸÙŠÙŸ ØˆÙ‡Ø§Ø² FTD 60 Ø«Ø§Ù†ÙŠØ© ØŸÙ,,ÙŠÙ‡Ø§. ÙŸÙŠ Ù‡Ø°Ù‡ Ø§Ù,,Ø§ØÙ,,Ø©Ø£ ØªÙƒÙˆÙ† Ù,ÙŠÙ...Ø© TTL 60 Ø«Ø§Ù†ÙŠØ© ÙƒØØˆ Ø£ØˆÙ†Ù%.

Ø³: ØŸØ°Ø§ ÙŠØªÙŸØ, FTD ØˆØˆÙƒÙ,, Ø§ÙŸØªØ±Ø§ØŸÙŠ ØˆØ§Ù,,Ù,ÙŠÙ...Ø© Ø§Ù,,Ø§ÙŸØªØ±Ø§ØŸÙŠØ© ÙˆÙ‡ÙŠ 60 Ø«Ø§Ù†ÙŠØ©ØŸ

A: ÙŠÙ...ÙƒÙ† Ù,,Ù,,Ù...ØªØ©ØˆÙ... ØˆØ§Ø;Ù...Ø§ ØªØˆØ§Ùˆ² Ù...ØˆØ© Ø§Ù,,ØˆÙ,Ø§Ø; (TTL) Ù...Ù† Ø©Ù,,Ø§Ù,, ØŸØ¹ØˆØ§Øˆ Ù...ØªÙ,Øª "Ø§Ù†ØªÙ‡Ø§Ø; ØŸ,,Ø§ØÙŠØ© Ø§Ù,,ØŸØˆØ©Ø§Ù,, " Ø¹Ù,,Ù% Ø©Ø§ØˆÙ... DNS.

Ø³: ÙƒÙŠÙŸ ØªªØ¹Ø§Ù...Ù,, Ù...Ø¹ Ø§Ø³ØªØˆØ§ØˆØ§Øª Ù†Ø,Ø§Ù... Ø£Ø³Ù...Ø§Ø; Ø§Ù,,Ù†Ø·Ø§Ù,Ø§Øª (DNS) Ø§Ù,,Ù...Ù†Ù,ÙˆÙ,,ØŸ Ø¹Ù,,Ù% Ø³ØˆˆÙŠÙ,, Ø§Ù,,Ù...Ø«Ø§Ù,,Ø£ ÙŠÙ...ÙƒÙ† Ø£Ù† ØªÙˆÙŸØ± Ø©ÙˆØ§ØˆÙ... DNS Ø¹Ù†Ø§ÙˆÙŠÙ† IP Ù...Ø©ØªÙ,,ÙŸØ© Ø§Ø³ØªÙ†Ø§ØˆØ§ ØŸÙ,,Ù% Ø§Ù,,Ù...ÙˆÙ,Ø¹ Ø§Ù,,ØˆØ°Ø±Ø§ÙŸÙŠ Ù,,Ù,,Ø·Ø§Ù,,ØˆÙŠÙ†. Ù‡Ù,, Ù...Ù† Ø§Ù,,Ù...Ù...ÙƒÙ† ØˆÙ,,Øˆ ØˆÙ...ÙŠØ¹ Ø¹Ù†Ø§ÙˆÙŠÙ† IP Ù,,ØˆˆÙƒØ© FQDNØŸ Ù...Ø«Ù,, Ø£Ù...Ø± Ø§Ù,,ØÙŸØ± Ø¹Ù,,Ù% UnixØŸ Ø£: Ù†Ø¹Ù...Ø£ ØŸØ°Ø§ ÙƒØ§Ù†Øª ØˆØˆÙƒØ© FQDN Ù,Ø§ØˆØ±Ø© Ø¹Ù,,Ù% ØÙ,, Ø¹Ù†Ø§ÙˆÙŠÙ† IP Ø§Ù,,Ù...ØªØˆØˆØ©Ø£ ÙŸÙŠØªÙ... ØˆÙŸØ¹ ØˆÙ...ÙŠØ¹ Ù‡Ø°Ù‡ Ø§Ù,,Ø¹Ù†Ø§ÙˆÙŠÙ† ØŸÙ,,Ù% Ø§Ù,,ØˆÙ‡Ø§Ø² ÙˆØªÙˆØ³ÙŠØ¹ Ù,Ø§Ø¹ØˆØ© AC ÙˆÙŸÙ,Ø§ Ù,,Ø°Ù,,Ùƒ.

Ø³: Ù‡Ù,, Ù‡Ù†Ø§Ùƒ Ø©Ø·Ø· Ù,,ØªØŸÙ...ÙŠÙ† Ø©ÙŠØ§Ø± Ù...Ø¹Ø§ÙŠÙ†Ø© ÙŠØ,Ù‡Ø± Ø§Ù,,Ø£ÙˆØ§Ù...Ø± Ø§Ù,,ØªÙŠ ØªÙ... ØˆŸØ¹Ù‡Ø§ Ù,ØˆÙ,, Ø£ÙŠ ØªØ°ÙŠÙŠØ± Ù...Ù...ÙŠØ²ØŸ

Ø£: Ù‡Ø°Ø§ ØˆØ²Ø; Ù...Ù† Ø©ÙŠØ§Ø± Ù...Ø¹Ø§ÙŠÙ†Ø© Ø§Ù,,ØªÙƒÙˆÙŠÙ† Ø§Ù,,Ù...ØªØ§Ø Ø¹ØˆØ± Flex config. Ø§Ù,,Ù...Ø¹Ø§ÙŠÙ†Ø© Ù...ÙˆØˆÙˆØˆØ© ØˆØ§Ù,,ÙŸØ¹Ù,,Ø£ ÙˆÙ,,ÙƒÙ†Ù‡Ø§ Ù...Ø©ÙŸÙŠØ© ÙŸÙŠ Ù†Ù‡Øˆ ØªÙƒÙˆÙŠÙ† Ù...Ø±Ù†. Ù‡Ù†Ø§Ùƒ Ø©Ø·Ø· Ù,,Ù†Ù,Ù,,Ù‡ ÙˆØˆØ¹Ù,,Ù‡ Ø¹Ø§Ù...Ø§.

Ø³: Ù...Ø§ Ù‡ÙŠ Ø§Ù,,ÙˆØ§ØˆÙ‡Ø© Ø§Ù,,Ù...ÙˆØˆÙˆØˆØ© Ø¹Ù,,Ù% FTD Ø§Ù,,ØªÙŠ ÙŠØªÙ... ØŸØ³ØªØ©ØˆØ§Ù...Ù‡Ø§ Ù,,ØŸØˆØ±Ø§Ø; Ø§Ù,,ØˆØ« Ø¹Ù† DNSØŸ

Øˆ: Ù‡Ùˆ Ù,Ø§ØˆÙ,, Ù,,Ù,,ØªÙƒÙˆÙŠÙ†. Ø¹Ù†ØˆÙ...Ø§ Ù,,Ø§ ÙŠØªÙ... ØªÙƒÙˆÙŠÙ† Ø£ÙŠ ÙˆØ§ØˆÙ‡Ø§Øª ÙŠØªÙ... ØªÙ...ÙƒÙŠÙ† ØˆÙ...ÙŠØ¹ Ø§Ù,,ÙˆØ§ØˆÙ‡Ø§Øª Ø§Ù,,Ù...Ø³Ù...Ø§Ø© Ø¹Ù,,Ù% FTD Ù,,Ù,,ØˆØ« Ø¹Ù† DNS.

Ø³: Ù‡Ù,, ÙŠÙ,ÙˆÙ... ÙƒÙ,, NGFW Ù...ØˆØ§Ø± ØˆØ£ØˆØ§Ø; ØªØÙ,,ÙŠÙ,, DNS Ø§Ù,,Ø©Ø§Øµ ØˆÙ‡ ÙˆØªØ±ØˆÙ...Ø© IP FQDN ØˆØˆÙƒÙ,, Ù...Ù†ÙŸØµÙ,, ØØªÙ% Ø¹Ù†Øˆ ØªØˆØˆÙŠÙ, Ù†ÙŸØ³ Ù†Ù‡Øˆ Ø§Ù,,ÙˆØµÙˆÙ,, Ø¹Ù,,Ù% ÙƒÙ,, Ù...Ù†Ù‡Ø§ ØˆØ§Ø³ØªØ©ØˆØ§Ù... ÙƒØ§Ø; Ù† FQDN Ù†ÙŸØ³Ù‡ØŸ

Ù†Ø¹Ù....

Ø³: Ù‡Ù,, ÙŠÙ...Ù†Ù† Ù...Ø³Ø Ø°Ø§Ù†Ø±Ø© Ø§Ù,,ØªØ®Ø²ÙŠÙ† Ø§Ù,,Ù...Ø±Ù,,Øª Ù,, DNS Ù,,Ù,Ù†Ø§Ø†Ù... Ø§Ù,,ØªØÙ†Ù... Ù‡ÙŠ Ø§Ù,,Ù†ØµÙ†Ù,, Ù,, FQDN Ù,,Ø§Ø³ØªÙ†Ø°Ø§Ù‡ Ø§Ù,,Ø£Ø®Ø·Ø§Ø; Ù†Ø¥ØµÙ,,Ø§ØÙ†Ø§ØŸ

Ø£: Ù†Ø¹Ù...Ø£ ÙŠÙ...Ù†Ù†Ù† ØªÙ†Ù‡ÙŠØ° Ø£Ù†Ø§Ù...Ø± Ù...Ø³Ø DNS Ù†Ù...Ø³Ø Ø°Ø§Ù†Ø±Ø© Ø§Ù,,ØªØ®Ø²ÙŠÙ† Ø§Ù,,Ù...Ø±Ù,,Øª Ù,, DNS-host Ø¹Ù,,Ù% Ø§Ù,,Ø-Ù‡Ø§Ø².

Ø³: Ù...ØªÙ% ÙŠØªÙ... ØªØ°Ø°ÙŠÙ,, Ø-Ù,,Ø© FQDN Ø°Ø§Ù,,Ø¶Ø°Ø·ØŸ

A: ÙŠØØ-Øª ØªØÙ,,ÙŠÙ,, FQDN Ø¹Ù†Ø- Ù†Ø°Ø± Ù†Ø§Ø†Ù† FQDN Ù‡ÙŠ Ø³ÙŠØ§Ø³Ø© Ø§Ù,,ØªÙŠØ§Ø± Ø§Ù,,Ù...ØªØ±Ø-Ø-.

Ø³: Ù‡Ù,, ÙŠÙ...Ù†Ù† ØªÙ†Ù‡ÙŠÙ‡ Ø°Ø§Ù†Ø±Ø© Ø§Ù,,ØªØ®Ø²ÙŠÙ† Ø§Ù,,Ù...Ø±Ù,,Øª Ù,,Ù...Ù†Ù,,Ø¹ Ù†Ø§ØØ- Ù‡Ù,,Ø·ØŸ

Ù†Ø¹Ù.... Ø¥Ø°Ø§ Ù†Ù†Øª ØªØ¹Ø±Ù‡ Ø§Ø³Ù... Ø§Ù,,Ù...Ø-Ø§Ù,, Ø£Ù† Ø¹Ù†Ù†Ø§Ù† IPØ£ Ù‡ÙŠÙ...Ù†Ù†Ù† Ù...Ø³ØÙ†Ø£ Ù†Ù,,Ù†Ù† Ù,,Ø§ ÙŠÙ†Ø-Ø- Ø£Ù...Ø± Ù...ØªÙ,, Ù†Ø°Ø§ Ù,,Ù†Ù,, Ù...Ù†Ø,Ù†Ø± Ù,,Ø§Ø† Ù...Ø© Ø§Ù,,ØªØÙ†Ù... Ù‡ÙŠ Ø§Ù,,Ù†ØµÙ†Ù,, (ACL). Ø¹Ù,,Ù% Ø³Ø°-ÙŠÙ,, Ø§Ù,,Ù...ØªÙ,,Ø£ ÙŠØªÙ†Ù‡Ù‡Ø± Ø§Ù,,Ø£Ù...Ø± clear dns host agni.tejas.com Ù,,Ù...Ø³Ø Ø°Ø§Ù†Ø±Ø© Ø§Ù,,ØªØ®Ø²ÙŠÙ† Ø§Ù,,Ù...Ø±Ù,,Øª Ø¹Ù,,Ù% Ø§Ù,,Ù...Ø¶ÙŠÙ‡ Ø³Ø° Ø£Ø³Ø§Ø³ Ø§Ù,,Ù†Ù,,Ù...Ø© Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ© Ø§Ù,,Ù...Ø¶ÙŠÙ‡ Ù†Ù...Ø§ Ù†Ù†Ø§Ù,,Ù‡ÙŠÙ‡ DNS agni.tejas.com.

Ø³: Ù‡Ù,, Ù...Ù† Ø§Ù,,Ù...Ù...Ù†Ù† Ø¥Ø³ØªØ®Ø-Ø§Ù... Ø£ØØ±Ù‡ Ø§Ù,,Ø-Ø-Ù,,Ø£ Ù...ØªÙ,, *.microsoft.comØŸ

Ø£: ÙŠØ-Ø° Ø£Ù† ÙŠØ-Ø°Ø£ Ø±Ù,,Ù... FQDN Ù†ÙŠÙ†ØªÙ‡ÙŠ Ø°Ø±Ù,,Ù... Ø£Ù† ØØ±Ù‡. ÙŠØ³Ù...Ø Ù‡Ù,,Ø-Ø° Ø§Ù,,ØØ±Ù†Ù‡ Ù†Ø§Ù,,Ø£Ø±Ù,,Ø§Ù... Ù†Ø§Ù,,Ù†ØµÙ,,Ø§Øª Ù†ØØ±Ù†Ù‡ Ø-Ø§Ø®Ù,,ÙŠØ©.

Ø³: Ù‡Ù,, ÙŠØªÙ... ØªØÙ,,ÙŠÙ,, Ø§Ù,,Ø§Ø³Ù... Ù‡ÙŠ Ù†Ù,,Øª ØªØ-Ù...ÙŠØ¹ AC Ù†Ù,,ÙŠØ³ Ù‡ÙŠ Ù†Ù,,Øª Ø§Ù,,Ø-Ù,,Ø° Ø§Øª Ø§Ù,,Ø£Ù†Ù,,Ù% Ø£Ù† Ø§Ù,,Ù,,Ø§ØÙ,,Ø©ØŸ Ø¥Ø°Ø§ Ù†Ø§Ù† Ù...Ø-Ø© Ø§Ù,,Ø-Ù,,Ø§Ø; (TTL) Ù...Ù†Ø®Ù‡Ø¶Ø© (Ø£Ù,,Ù,, Ù...Ù† Ù†Ù,,Øª ØªØ-Ù...ÙŠØ¹ Ø§Ù,,ØªÙŠØ§Ø± Ø§Ù,,Ù...ØªØ±Ø-Ø- Ø£Ù† ØªØ-Ù‡Ù,, Ø§Ù,,Ø-ÙŠØ§Ù†Ø§Øª Ø§Ù,,Ø³Ø±ÙŠØ¹ Ø£Ù† Ø£ÙŠ Ø°ÙŠØ; Ø£Ø®Ø±)Ø£ Ù‡Ù,, ÙŠÙ...Ù†Ù† Ù‡Ù,,Ø-Ø°¹Ø¶ Ø¹Ù†Ø§Ù†ÙŠÙ† IPØŸ

A: ÙŠØØ-Øª ØÙ,, Ø§Ù,,Ø§Ø³Ù... Ø-Ù...Ø-Ø±Ø- Ù†Ø°Ø± Ø³ÙŠØ§Ø³Ø© Ø§Ù,,ØªÙŠØ§Ø± Ø§Ù,,Ù...ØªØ±Ø-Ø-. Ù†ÙŠØªØ°Ø¹ Ø°Ù,,Ù† Ø§Ù†Ù†ØªÙ‡Ø§Ø; Ø¶,,Ø§ØÙŠØ© Ù...Ø-Ø© Ø§Ù,,Ø-Ù,,Ø§Ø; (TTL).

Ø³: Ù‡Ù,, Ù‡Ù†Ø§Ù† Ø®Ø·Ø· Ù,,Ù,,ØªÙ...Ù†Ù† Ù...Ù† Ù...Ø¹Ø§Ù,,Ø-Ø© Ù,,Ø§Ø†Ù...Ø© Ø¹Ù†Ø§Ù†ÙŠÙ† IP Ù,,Ù,,Ø³ØØ§Ø°Ø© (XML) Ø§Ù,,Ø®Ø§Ø®Ø© Ø° Microsoft Office 365ØŸ

Ø£: Ù‡Ø°Ø§ ØªÙŠØ± Ù...Ø-Ø¹Ù†Ù... Ù‡ÙŠ Ø§Ù,,Ù†Ù,,Øª Ø§Ù,,Ø§ØÙ,,ÙŠ.

Ø³: Ù‡Ù,, FQDN Ù...ØªÙ†Ù‡Ù‡ Ù‡ÙŠ Ù†Ù†Ø- SSLØŸ

A: Ù,,ÙŠØ³ Ù‡ÙŠ Ø§Ù,,Ù†Ù,,Øª Ø§Ù,,Ø§ØÙ,,ÙŠ (Ø§Ù,,Ø¥ØµØ-Ø§Ø± 6.3.0 Ù...Ù† Ø§Ù,,Ø°Ø±Ù†Ø§Ù...Ø-). Ù†Ø§Ø†Ù†Ø§Øª FQDN Ù...Ø-Ø¹Ù†Ù...Ø© Ù‡Ù,,Ø- Ù‡ÙŠ Ø°Ø° Ù†Ø© Ø§Ù,,Ù...ØµØ-Ø± Ù†Ø§Ù,,Ù†Ø-Ù†Ø© Ù,,Ù†Ù†Ø- Ø§Ù,,ØªÙŠØ§Ø± Ø§Ù,,Ù...ØªØ±Ø-Ø- Ù‡Ù,,Ø·.

Ø³: Ù‡Ù,, Ù‡Ù†Ø§Ù† Ø£ÙŠ Ø³Ø-Ù,,Ø§Øª ØªØ§Ø±ÙŠØ®ÙŠØ© ÙŠÙ...Ù†Ù† Ø£Ù†

ØªÙˆÙˆ❖Ø± Ù...Ø¹Ù,,ÙˆÙ...Ø§Øª ØÙˆÙ,, FQDNs Ø§Ù,,ØªÙŠ ØªÙ... ØÙ,,Ù‡Ø§ØŸ Ù...Ø«Ù,,
LINA syslogsØŒ Ø¹Ù,,Ù‰ Ø³Øˆ ÙŠÙ,, Ø§Ù,,Ù...Ø«Ø§Ù,,
Ø£: Ù,,Ø§Ø³ØªÙˆˆØ§Ùˆ❖ Ø£Ø®Ø·Ø§Ø; FQDN ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§ Ø¥Ù,,Ù‰ ÙˆØ–Ù‡Ø©
Ù...Ø¹ÙŠÙ†Ø©ØŒ ÙŠÙ...ÙˆÙ†Ùˆ Ø¥Ø³ØªØ®ØˆØ§Ù... Ø£Ù...Ø± ØªØªØˆØ¹ ØˆØ¹Ù...
Ø§Ù,,Ù†Ø,Ø§Ù... ØªØ,Ù‡Ø± Ø§Ù,,Ù...Ø³Ø§Ø±Ø§Øª Ù...Ø¹Ø±Ùˆ❖ FQDN Ù,,Ù,,Ø²Ù...Ø©.
ÙŠÙ...ÙˆÙ†Ùˆ Ù...Ù,Ø§Ø±Ù†Ø© Ø§Ù,,Ù...Ø¹Ø±Ùˆ❖ Ù,,Ø§Ø³ØªÙˆˆØ§Ùˆ❖ Ø§Ù,,Ø£Ø®Ø·Ø§Ø;
ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§. ÙŠÙ...ÙˆÙ†Ùˆ Ø£ÙŠØ¶Ø§ ØªÙ...ÙˆÙŠÙ† Ø±Ø³Ø§Ø¶Ù,, syslog
746015ØŒ 746016 Ù,,ØªØ¹Ù,Øˆ Ù†ØˆØ§Ø· ØªØÙ,,ÙŠÙ,, DNS Ù,, FQDN.

Ø³: Ù‡Ù,, ÙŠÙ,ÙˆÙ... Ø§Ù,,Ø–Ù‡Ø§Ø² ØˆØªØ³Ø–ÙŠÙ,, FQDN ÙˆÙŠ Ø–ØˆÙˆ,,
Ø§Ù,,Ø§ØªØµØ§Ù,,Ø§Øª Ù...Ø¹ IP Ø§Ù,,Ø°ÙŠ ØªÙ... ØÙ,,Ù‡ØŸ
a: Ù,,Ø§Ø³ØªÙˆˆØ§Ùˆ❖ Ø£Ø®Ø·Ø§Ø; FQDN ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§ Ø¥Ù,,Ù‰ ÙˆØ–Ù‡Ø©
Ù...Ø¹ÙŠÙ†Ø©ØŒ ÙŠÙ...ÙˆÙ†Ùˆ Ø¥Ø³ØªØ®ØˆØ§Ù... Ø§Ù,,Ø£Ù...Ø± ØˆØ¹Ù...
Ø§Ù,,Ù†Ø,Ø§Ù... traceØŒ ØÙŠØ« ØªØ,Ù‡Ø± Ø§Ù,,Ù...Ø³Ø§Ø±Ø§Øª Ù...Ø¹Ø±Ùˆ❖ FQDN
Ø§Ù,,Ø®Ø§Øµ ØˆØ§Ù,,Ø²Ù...Ø©. ÙŠÙ...ÙˆÙ†Ùˆ Ù...Ù,Ø§Ø±Ù†Ø© Ø§Ù,,Ù...Ø¹Ø±Ùˆ❖
Ù,,Ø§Ø³ØªÙˆˆØ§Ùˆ❖ Ø§Ù,,Ø£Ø®Ø·Ø§Ø; ÙˆØ¥ØµÙ,,Ø§ØÙ‡Ø§. Ù‡Ù†Ø§Ùˆ Ø®Ø·Ø·
Ù,,Ù,,ØµÙˆÙ,, Ø¹Ù,,Ù‰ Ø³Ø–Ù,,Ø§Øª FQDN ÙˆÙŠ Ø¹Ø§Ø±Ø¶ Ø§Ù,,Ø£ØØˆØ§Ø« Ø¹Ù,,Ù‰
FMC ÙˆÙŠ Ø§Ù,,Ù...Ø³ØªÙ,ØˆÙ,,.

ةمچرتل هذه ل و ح

ةيلآل ا تاي ن ق ت ل ا ن م ة و م ج م ا د خ ت س ا ب د ن ت س م ل ا ا ذ ه Cisco ت م چ ر ت م ل ا ع ل ا ا ح ن ا ع م ج ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل ا و ا م ك ة ق ي ق د ن و ك ت ن ل ة ي ل آ ة م چ ر ت ل ض ف ا ن ا ة ط ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب Cisco ي ل خ ت . ف ر ت ح م م چ ر ت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة م چ ر ت ل ا ع م ل ا ح ل ا و ه ي ل ا ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا م چ ر ت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا د ن ت س م ل ا