

Disable ESMTP Inspection on FTD/ASA running FTD code from FMC/CLI

When ESMTP inspection is enabled on ASA/FTD device and you try to telnet to exchange server, you see rows of Asterisks and cause failure with sending email to exchange server. As these devices are your gateway, when you try to connect your on-prem exchange with cloud-based solutions like O365 or Mimecast, you have this issue.

ESMTP is enabled by default on ASA and ASA running FTD code, whereas it is disabled by default on FTD appliances.

You can go to verification section to identify if ESMTP is enabled on your firewall.

Verification of ESMTP inspection from CLI

1. Connect to **ASA/FTD CLI** via **SSH**
2. Enter command '**system support diagnostic-cli**' to enter ASA CLI
3. Enter command '**enable**' to gain admin access, enable password is blank (just press Enter)
4. Enter command '**show running-configuration**'
5. Scroll down to the end section "**policy-map global_policy**"
 - a. If you see '**inspect esmtp**', this means ESMTP inspection is enabled, else means it is disabled.

```
> system support diagnostic-cli
Attaching to Diagnostic CLI ... Press 'Ctrl+a then d' to detach.
Type help or '?' for a list of available commands.

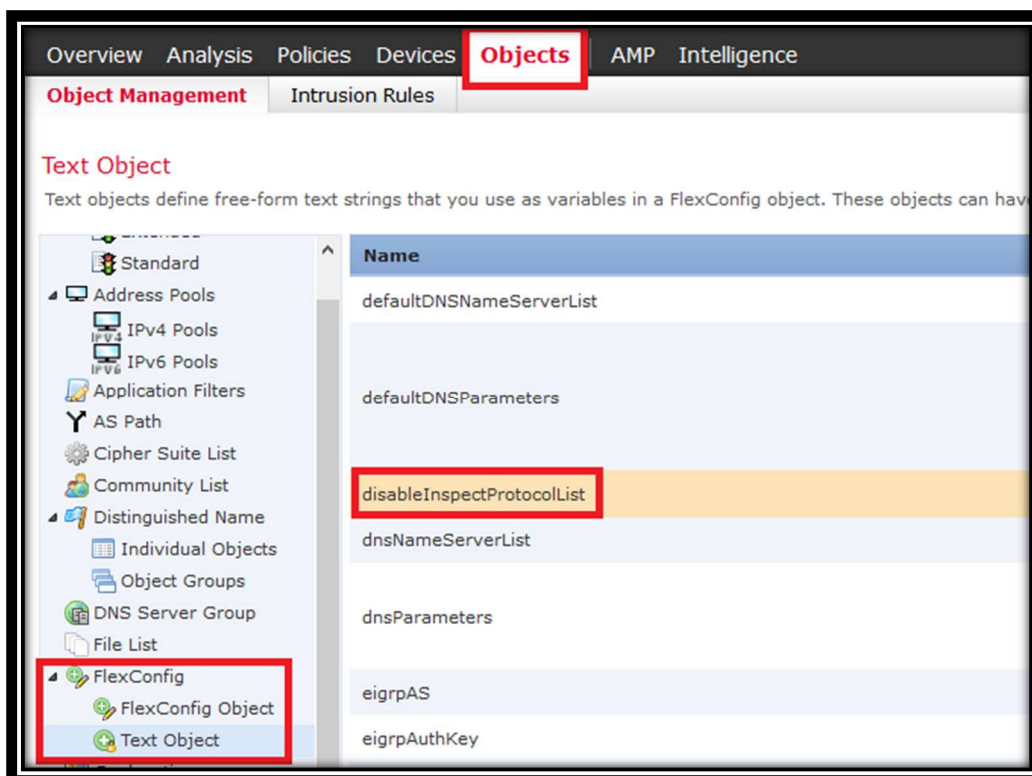
ftd> en
Password:
ftd#
```

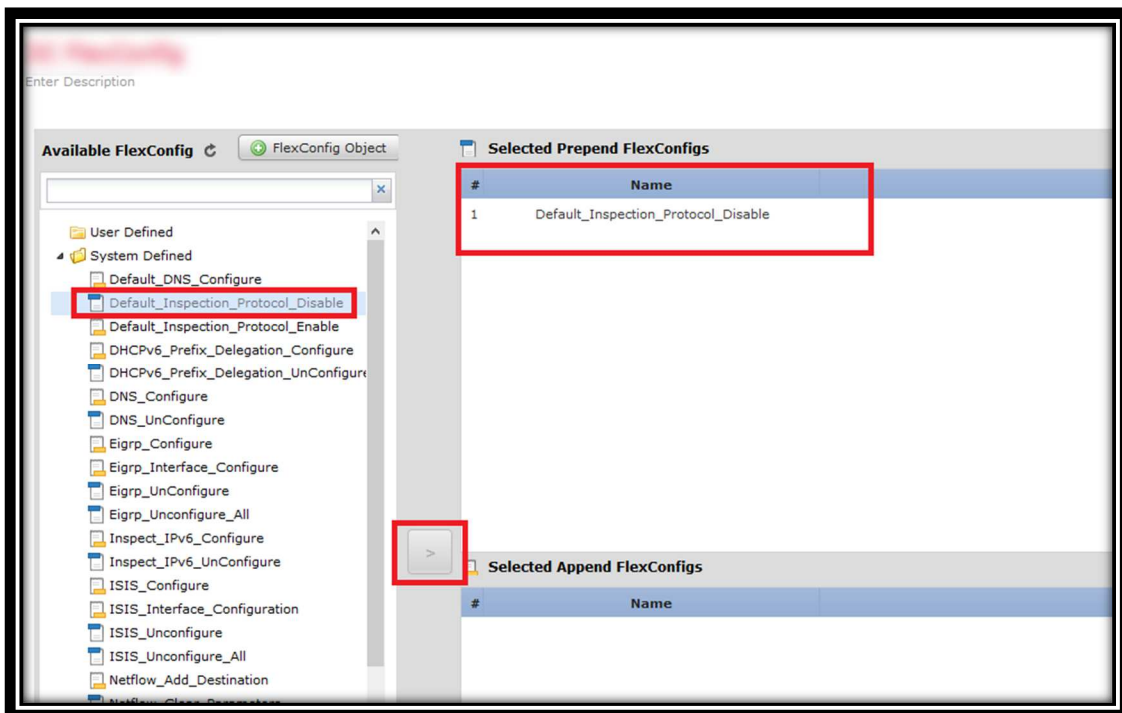
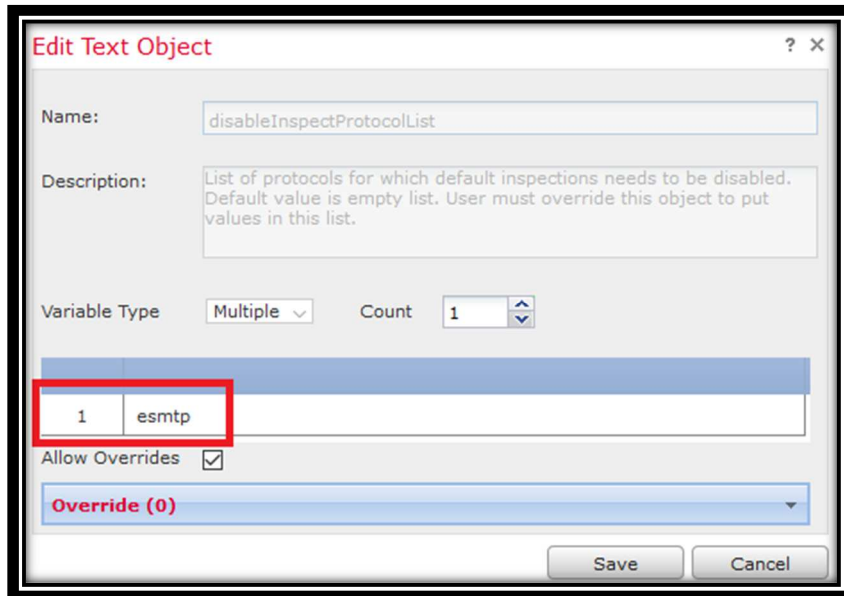
```
#b17
```

```
policy-map global_policy
  class inspection_default
    inspect dns preset_dns_map
    inspect ftp
    inspect h323 h225
    inspect h323 ras
    inspect rsh
    inspect rtsp
    inspect esmtp
    inspect sqlnet
    inspect skinny
    inspect sunrpc
    inspect xdmcp
    inspect sip
    inspect netbios
    inspect tftp
    inspect ip-options UM_STATIC_IP_OPTIONS_MAP
  class class-default
    set connection advanced-options UM_STATIC_TCP_MAP
```

Disable ESMTP Inspection via FMC GUI

1. Login to **FMC GUI**
2. Navigate to **Object** → **FlexConfig** → **TextObject**
3. Open '**disableInspectProtocolList**'
4. Add '**esmtip**' to the list and Save
5. Navigate to **Devices** → **FlexConfig**
6. Create '**New Policy**' or '**Edit**' existing policy you have and is applied to the device you want to push this setting
7. Select '**Default_Inspection_Protocol_Disable**' from left tab and click right-arrow add button to add it to "**Selected Prepend FlexConfigs**"
8. You can click on **magnifying lens** button to see the configuration it will push and verify it has **ESMTP** in the list
9. Click on '**Policy Assignment**' and add the device from the list you want to deploy this configuration to device.
10. **Save** and **Deploy** the configuration
11. Once deployed, use the **Verification** step to verify that '**inspect esmtip**' is now removed





View FlexConfig Object

Name:

Description:

Warning: Copy-pasting any rich text might introduce line breaks while generating CLI. Please verify the CLI before deployment.

Deployment: Type:

```

policy-map global_policy
  class inspection_default
    #foreach ($protocol in $disableInspectProtocolList)
    #if($SYS_FW_ENABLED_INSPECT_PROTOCOL_LIST.contains($protocol))
    no inspect $protocol
    #end
    #end
  #end

```

Name	Dimension	Default Value	Property (Ty...	Override	Description
SYS_FW_ENABLED_INSPECT_PROTOCOL...	MULTIPLE		SYSTEM	false	
disableInspectProtocolList	MULTIPLE	[esntp]	FREEFORM:disa...	false	List of protocols for which default ...

Close

Targeted Devices

Select devices to which you want to apply this policy.

Available Devices

Search by name or value

- Global
 - [Device Name]

Selected Devices

- Global
 - [Device Name]

Add to Policy

OK Cancel

Disable ESMTP via FTD/ASA running FTD code Command Line Interface (CLI)

1. Login to **FTD/ASA via CLI**
2. Enter command '*configure inspection esmtp disable*'
 - a. Note – This will disable ESMTP inspection only on this device, if you are running FTD in HA or Cluster, please push the configuration thru FMC/FDM interface instead of CLI.
3. You can verify as mentioned above in verification section

```
> configure inspection esmtp
enable enable default inspection
disable disable default inspection

> configure inspection esmtp disable █
```

```
> configure inspection esmtp disable █
```