

# ثادح ألاس رال ةباجتسالا ةرادا نيوكت إل SPLUNK

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## قمدقملا

ثادح ألا لاس رال "ةنم آلات اليلحتلا ةباجتسا ةرادا" ةزيم نيوكت ةيفيك دنتسملا اذه فصي لثم ةيجراخ ٥٥ ج إلإ syslog.

## قيس اس آلا تابلطتملا

تابلطتملا

ةيلاتلا عيضاوملاب ةفرعم كيدل نوكت نأب Cisco يصوت:

- ةنم آلات كبسلا تاليلحتل ةباجتسالا ةرادا.
- Splunk Syslog

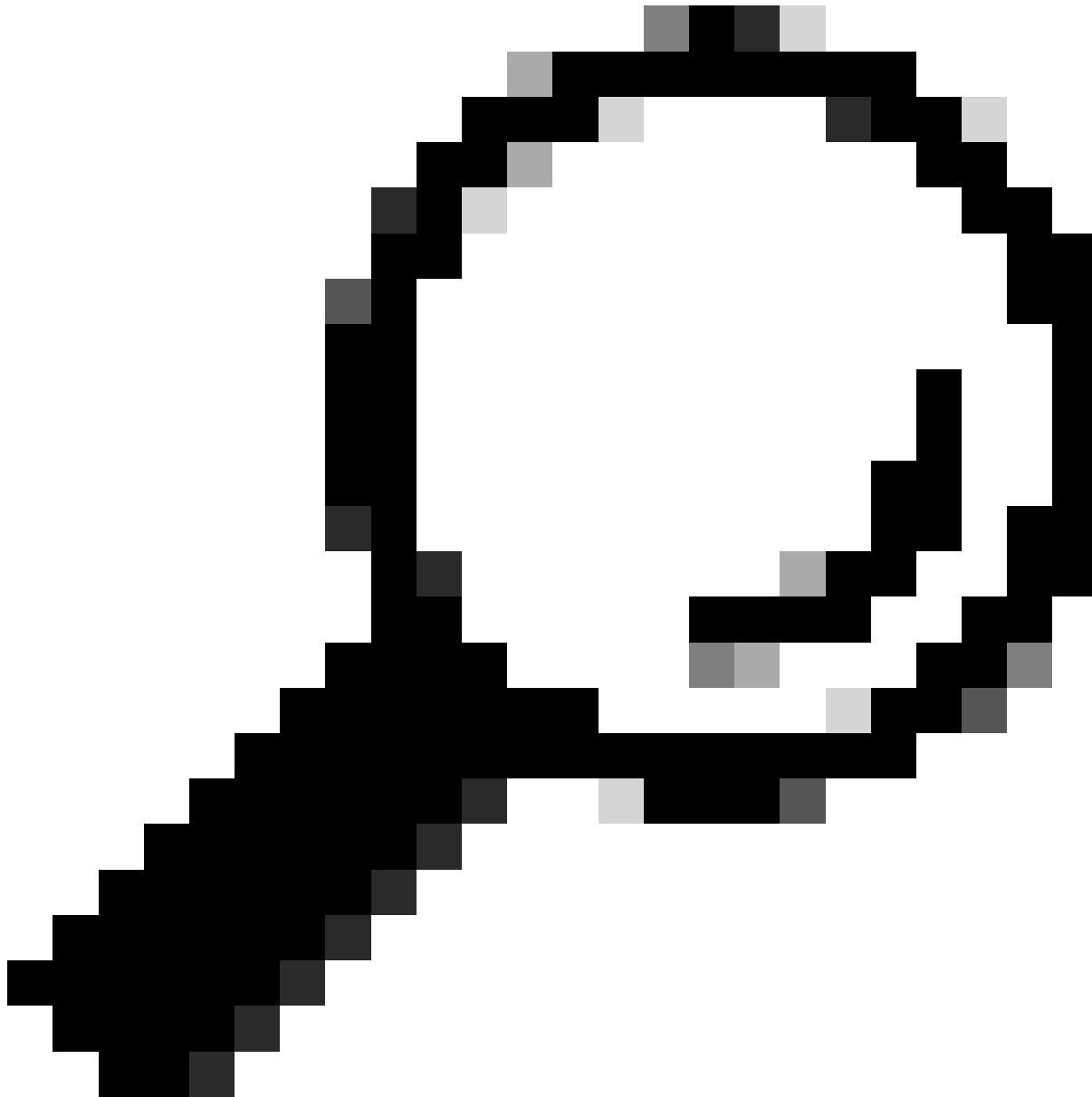
## قمدختسملا تانوكملا

ةصاخ ةيلمعم ةئيب يف ةدوچوملا ةزهچ ألا نم دنتسملا اذه يف ةدراولما تامولعملاء عاشنام مت تناك اذا .(يضارتفا) حوسمم نيوكتب دنتسملا اذه يف ةمدختسملا ةزهچ ألا عيمج تأدبل رمأ يأ لمحتملا ريثأتلل كمهف نم دكأتف ،ليغشتلا ديق كتكبش.

- لقو ايلع دحاو Manager زاهج إلعا يوتحت يتلا (SNA) ةنم آلات كبسلا تاليلحت رشن دحاو قفدت عجمم زاهجو.
- اذفنم 443 رباع هيلال وصولاً او Splunk مداخ تيبثت مت

ددحمل ا ذفنملا وًأ UDP 514 ربع SNA نيوكت  
صصخمل

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ب حومسم ل هراتخت صصخم ذفنم يوأ وًأ UDP/514,TCP/6514 و Splunk. نا نم دكأت:حيملىت  
نيلب ٽطيىس و ٽزهجا وًأ ٽيامح ناردرج يوأ ىلع SNA و

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## 1.SNA رادصإلا ماظن رباع ٽباجتسالا ٽرادإ

دعاؤقل ا نيوكتل (SA) ٽنمآل ا تاليحتلاب صاخلا ٽباجتسالا ٽرادإ نوكم مادختسا نكمي  
تاهج و و تاءارج إل او syslog.

يـخـأ تـاهـجـوـ ـىـلـا Secure Analytics تـاهـيـبـنـتـ هـيـجـوـتـ ـةـدـاعـإـ لـاسـرـالـ تـارـايـخـلـاـ هـذـهـ نـيـوـكـتـ بـجـيـ.

ةباجتسا ةرادا > نيوكتلا ىلإ لقتناو ةرada زاهج ىلإ لفخدا ليجستب مق: 1 ةوطخل  
فشكلا.

The image shows the Cisco Secure Network Analytics interface. On the left, there is a sidebar with icons for different modules: beta3 (globe icon), Monitor (blue square icon), Investigate (magnifying glass icon), Report (bar chart icon), and Configure (wrench icon). The 'Configure' icon is highlighted with a blue rounded rectangle. The main content area has a title 'Configure' at the top right, with a close button (X) in a blue rounded rectangle. Below the title, the word 'Detection' is underlined. The following sections are listed vertically: Host Group Management, Alarm Severity, Policy Management, Response Management, Network Scanners, Analytics, Alerts, Global, Central Management, and User Management. A large blue arrow points to the 'Response Management' section. At the bottom of the main content area, there is a horizontal bar with a light blue gradient.

## Configure

Detection

Host Group Management

Alarm Severity

Policy Management

Response Management

Network Scanners

Analytics

Alerts

Global

Central Management

User Management

رطسل رصنه ناكم ددح ،تاءارجا بيوبتل ا ةمالع ىلإ لقتنا ،ةديدخل ا ةحفصل اي ف: 2 ةوطخل  
ريحت مث ،ءارجإلا دومع يف (...) فذحلا ةمالع قوف رقناو يضارتفالا syslog ىلإ لاسرا.

Respon Management

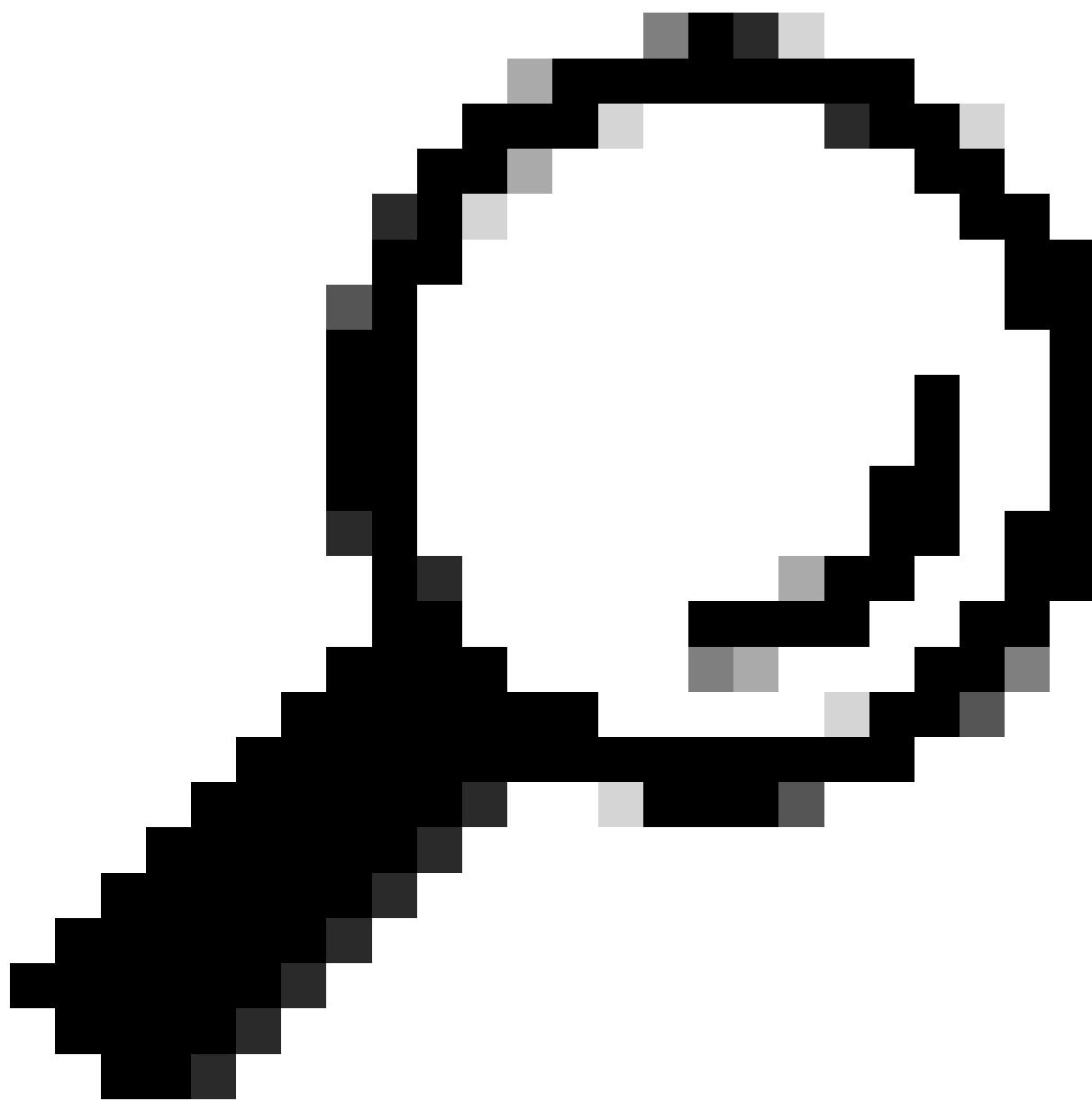
Rules Actions Syslog Formats

Actions

Add New Action

Name ↑	Type	Description	Used By Rules	Enabled	Actions
Send email	Email (Alarm)	Sends an email to the recipients designated in the To field on the Email Action page.	4	<input checked="" type="checkbox"/>	...
Send email	Email (Alert)	Sends an email to the recipients designated in the To field on the Email (Alert) Action page.	2	<input checked="" type="checkbox"/>	...
Send to Syslog	Syslog Message (Alarm)	Sends a message to the syslog server designated in the Syslog Address field using the default Syslog Message format.	4	<input checked="" type="checkbox"/>	...
Send to Syslog	Syslog Message (Alert)	Sends a message to the syslog server designated in the Syslog Address field using the default Syslog Message (Alert) format.	2	<input type="checkbox"/>	Edit Duplicate Delete

لایف ءانيم ملتسي ب ڈھجول او، لاجم ناونع لدان syslog لا يف ناونع ڈياغلا تلخد: 3 ڈوطخلا ددح ڈلاسرلا قيسنت يف CEF.  
ىنميلا ايلعلا ڈيوازلا يف قرزاًلا ظفح رز رقنا، لامكلا دنع: 4 ڈوطخل.



حیملت syslog 514 ل عانیم UDP ریصقتلا

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## Response Management

Rules Actions Syslog Formats

### Syslog Message Action (Alarm)

Cancel

Save

Name: Send to Syslog

Description: Sends a message to the syslog server designated in the Syslog Address field using the default Syslog Message format.

Enabled:  Disabled actions are not performed for any associated rules.

Syslog Server Address:  (with a black arrow pointing down to it)

UDP Port: 514 (with a black arrow pointing left to it)

Message Format: Custom (selected)

This action will use the ArcSight Common Event format.

Example Message:

```
<131>Jan 01 00:00:00 test.host TestApp[1337]: CEF:0|Cisco|7.3.0|Notification:99|Bad Host|5|msg=This host has been observed performing malicious actions toward another host.:Source Host is http (80)
```

Test Action

## عاني م UDP ربع SNA syslogs نأ لکشی Splunk ملتسي

ةكبشلا تالي لحـت ةرادـلـ بـيـ وـ مـدـخـتـسـمـ ـهـجـ اوـ لـعـ كـبـ ـصـاـخـلـاـ تـارـيـيـغـتـلـاـ قـيـبـطـتـ دـعـبـ ئـفـ تـانـاـيـبـلـاـ لـاخـداـ نـيـوـكـتـ بـجـيـ ،ـنـمـآـلـاـ Splunk.

تـالـاخـداـ > تـانـاـيـبـ ئـفـاصـنـاـ > تـادـادـعـإـلـاـ ئـلـاـ لـقـتـنـاـ اوـ Splunk ئـلـاـ لـوـخـدـلـاـ لـيـجـسـتـبـ مـقـ: 1ـ ـوـطـخـلـاـ تـانـاـيـبـلـاـ تـانـاـيـبـ.

Administrator ▾ 1 Messages ▾ Settings ▾ Activity ▾ Help ▾ Find Q

Add Data

Explore Data

Monitoring Console

Search settings... 

KNOWLEDGE	DATA
<a href="#">Searches, reports, and alerts</a>	<a href="#">Data inputs</a>
<a href="#">Data models</a>	<a href="#">Forwarding and receiving</a>
<a href="#">Event types</a>	<a href="#">Indexes</a>
<a href="#">Tags</a>	<a href="#">Report acceleration summaries</a>
<a href="#">Fields</a>	<a href="#">Virtual indexes</a>
<a href="#">Lookups</a>	<a href="#">Source types</a>
<a href="#">User interface</a>	<a href="#">Ingest actions</a>
<a href="#">Alert actions</a>	DISTRIBUTED ENVIRONMENT
<a href="#">Advanced search</a>	<a href="#">Indexer clustering</a>
<a href="#">All configurations</a>	<a href="#">Forwarder management</a>
SYSTEM	Federated search
<a href="#">Server settings</a>	<a href="#">Distributed search</a>
<a href="#">Server controls</a>	USERS AND AUTHENTICATION
<a href="#">Health report manager</a>	<a href="#">Roles</a>
<a href="#">RapidDiag</a>	<a href="#">Users</a>
<a href="#">Instrumentation</a>	<a href="#">Tokens</a>
<a href="#">Licensing</a>	<a href="#">Password management</a>
<a href="#">Workload management</a>	<a href="#">Authentication methods</a>
<a href="#">Mobile settings</a>	

ديج ۋەفاضا + ددھو UDP رطس عقۇم ددھ: 2 ۋەطخىل.

inputs. If you want to set up forwarding and receiving between two Splunk instances, go to [Forwarding and receiving](#).

### Local inputs

Type	Inputs	Actions
<a href="#">File &amp; Directories</a> Index a local file or monitor an entire directory.	18	<a href="#">+ Add new</a>
<a href="#">HTTP Event Collector</a> Receive data over HTTP or HTTPS.	0	<a href="#">+ Add new</a>
<a href="#">TCP</a> Listen on a TCP port for incoming data, e.g. syslog.	1	<a href="#">+ Add new</a>
<a href="#">UDP</a> Listen on a UDP port for incoming data, e.g. syslog.	1	<a href="#">+ Add new</a>
<a href="#">Scripts</a> Run custom scripts to collect or generate more data.	36	<a href="#">+ Add new</a>
<a href="#">Splunk Add-on Instance Identifier</a> Assigns a random identifier to every node	1	<a href="#">+ Add new</a>
<a href="#">Systemd Journald Input for Splunk</a> This is the input that gets data from journald (systemd's logging component) into Splunk.	0	<a href="#">+ Add new</a>
<a href="#">Logd Input for the Splunk platform</a> This input collects data from logd on macOS and sends it to the Splunk platform.	0	<a href="#">+ Add new</a>



لاجم عانيملا يف 514 لثم عانيم ملتسى لـ تلخد UDP، ددح ةديدخلـا ـحفـصـلـا يـفـ 3ـ وـوطـخـلـاـ لـخـداـ، رـدـصـمـلـاـ مـسـاـ زـواـجـتـ لـقـحـ يـفـ 4ـ وـوطـخـلـاـ desired name of source.

ةـذـفـانـلـاـ يـلـعـأـ دـوـجـوـمـلـاـ > رـضـخـأـلـلـ يـلـاتـلـاـ رـزـلـاـ قـوـنـاـ ،ـعـاهـتـنـالـاـ دـنـعـ 5ـ وـوطـخـلـاـ.

**Add Data**

Select Source   Input Settings   Review   Done   < Back   **Next >**

**Files & Directories**  
Upload a file, index a local file, or monitor an entire directory.

**HTTP Event Collector**  
Configure tokens that clients can use to send data over HTTP or HTTPS.

**TCP / UDP**  
Configure the Splunk platform to listen on a network port.

**Scripts**  
Get data from any API, service, or database with a script.

**Splunk Assist Instance Identifier**  
Assigns a random identifier to every node

**Systemd Journald Input for Splunk**  
This is the input that gets data from journald (systemd's logging component) into Splunk.

**Log Input for the Splunk platform**  
This input collects data from logd on macOS and sends it to the Splunk platform.

**Splunk Secure Gateway**  
Initializes the Splunk Secure Gateway application to talk to mobile clients over websockets

**Splunk Assist Self-Update**

Configure this instance to listen on any TCP or UDP port to capture data sent over the network (such as syslog). [Learn More](#)

**TCP**   **UDP**

**Port** ? **514**   Example: 514

**Source name override** ? **host:port**

**Only accept connection from** ? **optional**   Example: 10.1.2.3, !badhost.splunk.com, \*.splunk.com

**FAQ**

- › How should I configure the Splunk platform for syslog traffic?
- › What's the difference between receiving data over TCP versus UDP?
- › Can I collect syslog data from Windows systems?
- › What is a source type?

ردصملا عون لفح ناكم ددح ديج رايخ ىلإ دبتاب مف ،ةيلاتلا ٰحفصلالا يف: 6 ٰوطخلأو لخدأو desired source .

بولسألل IP ددح 7 ٰوطخلأ.

ةشاشلا ىلعأ دوجوملا رضخألا > ٰعجارم رز قوف رقنا: 8 ٰوطخلأ.

Add Data

< Back Review >

## Input Settings

Optionally set additional input parameters for this data input as follows:

### Source type

The source type is one of the default fields that the Splunk platform assigns to all incoming data. It tells the Splunk platform what kind of data you've got, so that the Splunk platform can format the data intelligently during indexing. And it's a way to categorize your data, so that you can search it easily.

Select
New

Source Type

Source Type Category

Source Type Description

### App context

Application contexts are folders within a Splunk platform instance that contain configurations for a specific use case or domain of data. App contexts improve manageability of input and source type definitions. The Splunk platform loads all app contexts based on precedence rules. [Learn More](#)

App Context

Search & Reporting (search)

### Host

When the Splunk platform indexes data, each event receives a "host" value. The host value should be the name of the machine from which the event originates. The type of input you choose determines the available configuration options. [Learn More](#)

Method ?

IP
DNS
Custom

Index

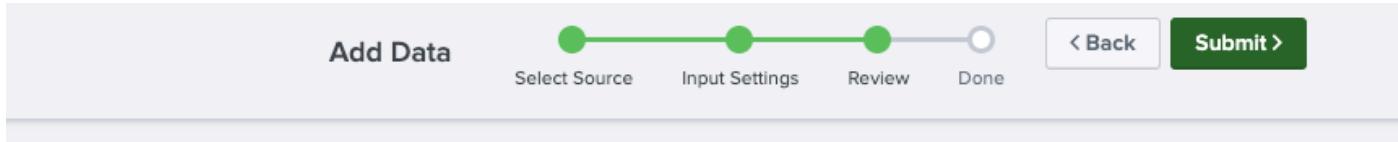
Default
[Create a new index](#)

### Index

The Splunk platform stores incoming data as events in the selected index. Consider using a "sandbox" index as a destination if you have problems determining a source type for your data. A sandbox index lets you troubleshoot your

ر.مألا مزـل اذا رـحـو كـتـادـعـا عـجـارـ، يـلـاتـلـا رـاطـإـلـا يـفـ: 9ـ وـطـخـلـا.

هـتـحـصـ نـمـ قـقـحـتـلـا دـرـجـمـبـ رـاطـإـلـا "رـضـخـأـلـا دـوـجـوـمـلـا" لـاسـرـا رـزـقـوـفـ رـقـنـا: 10ـ وـطـخـلـا.



## Review

Input Type ..... UDP Port  
Port Number ..... 514  
Source name override .....  
Restrict to Host ..... N/A  
Source Type .....  
App Context ..... search  
Host ..... (IP address of the remote server)  
Index ..... default

بیولا مدخلت سم ٥٥٤ او یف ری راقٽ دادع او ثحب > تاقی ب طت ى لاقٽ نا: ١١ ۋوط خلأ

The screenshot shows the Splunk 'splunk>enterprise' dashboard. At the top, there's a navigation bar with the text 'splunk>enterprise' and 'Apps ▾'. Below the navigation bar is a sidebar menu with the following items:

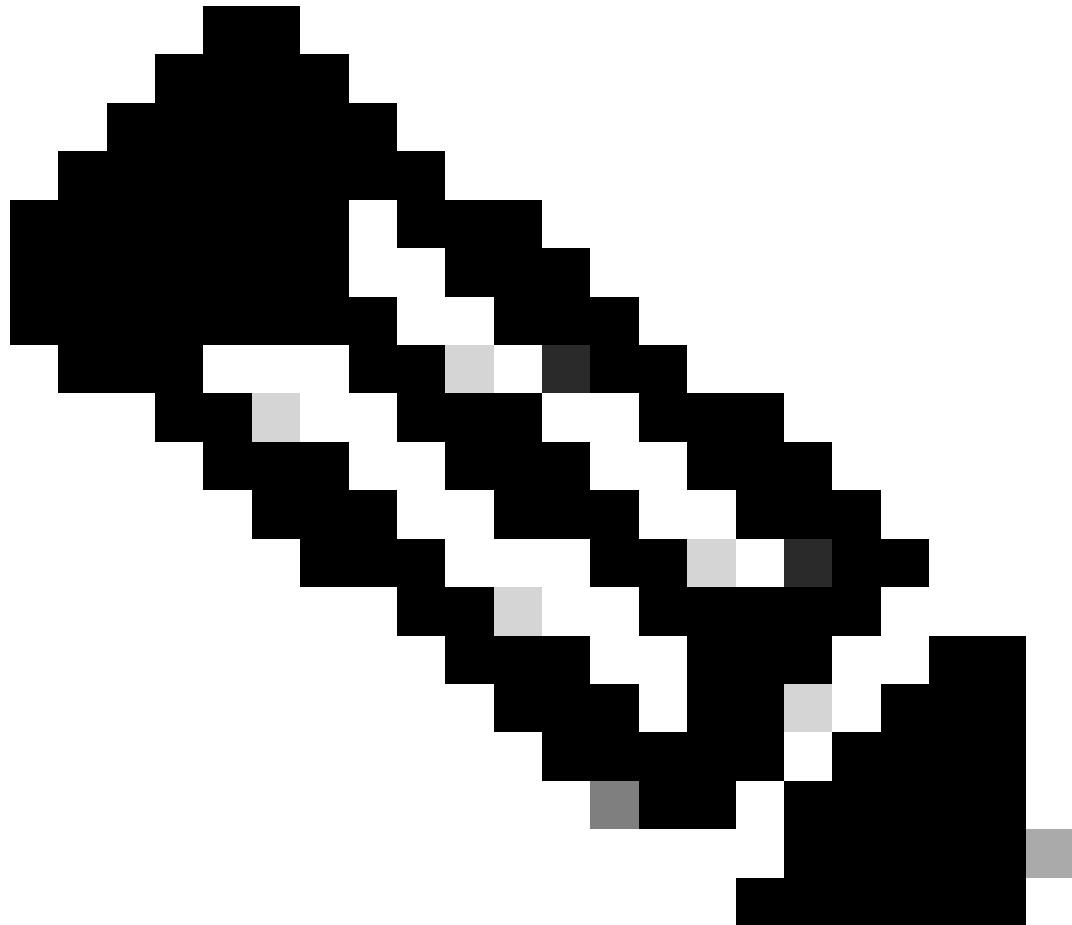
- Home (with a house icon)
- Search & Reporting (with a green arrow icon, highlighted by a cyan arrow)
- Splunk Secure Gateway (with a green square icon)
- Upgrade Readiness App (with a gear icon)
- Manage Apps
- Find More Apps

يافصىتلار مدامع مدخلت سا، ثحبلا ٰحفصى يف: ١٢ ۋوط خلأ

اهي قلت مث يتل ا تالج سلا نع ثحب لـل sourcetype="As\_configured".

The screenshot shows a Splunk search interface with the following details:

- Search Bar:** source="\* sourcetype=\*
- Results Summary:** 6 events
- Event View:** The first event is displayed in a table with columns: Time, Event.
- Event Content:** The event data is heavily redacted (blurred) for security.
- Left Sidebar:** Shows selected fields: host 1, source 1, sourcetype 1.
- Top Right:** Save As, Create Table View, Close, Last 24 hours, Job, Smart Mode.



4 ۋە طەخلى عىجار، ردىمىلما ئىلع لوصىحلى: ئەظحالى  
6 ۋە طەخلى عىجار ئىلع لوصىحلى source\_type

صىخىم ذىن م و 6514 ذىن م TCP ربع SNA ئىلۇن syslog نى يوكتى دىرىم

## 1. Splunk TCP ذفنم ربعة تالجس يقلتل SNA قيقدت

تان اي ب تالخدم > تان اي ب ةفاضا > تادادع إلأ لقتنا، مدخلت سمع ٠٥٥ جاوي: ١: ٠وطخلا.  
تان اي ب لال.

The screenshot shows the Splunk web interface with the following navigation bar:

- Administrator
- 1 Messages
- Settings
- Activity
- Help
- Find
- Search settings... (with a magnifying glass icon)

The main content area is divided into several sections:

- Add Data** (button)
- Explore Data** (button)
- Monitoring Console** (button)
- KNOWLEDGE**:
  - Searches, reports, and alerts
  - Data models
  - Event types
  - Tags
  - Fields
  - Lookups
  - User interface
  - Alert actions
  - Advanced search
  - All configurations
- DATA**:
  - Data inputs (highlighted with a black arrow)
  - Forwarding and receiving
  - Indexes
  - Report acceleration summaries
  - Virtual indexes
  - Source types
  - Ingest actions
- DISTRIBUTED ENVIRONMENT**:
  - Indexer clustering
  - Forwarder management
  - Federated search
  - Distributed search
- SYSTEM**:
  - Server settings
  - Server controls
  - Health report manager
  - RapidDiag
  - Instrumentation
  - Licensing
  - Workload management
  - Mobile settings
- USERS AND AUTHENTICATION**:
  - Roles
  - Users
  - Tokens
  - Password management
  - Authentication methods

دي دج ةفاضا + ددحو TCP رطس عقوم ددح: ٢: ٠وطخلا.

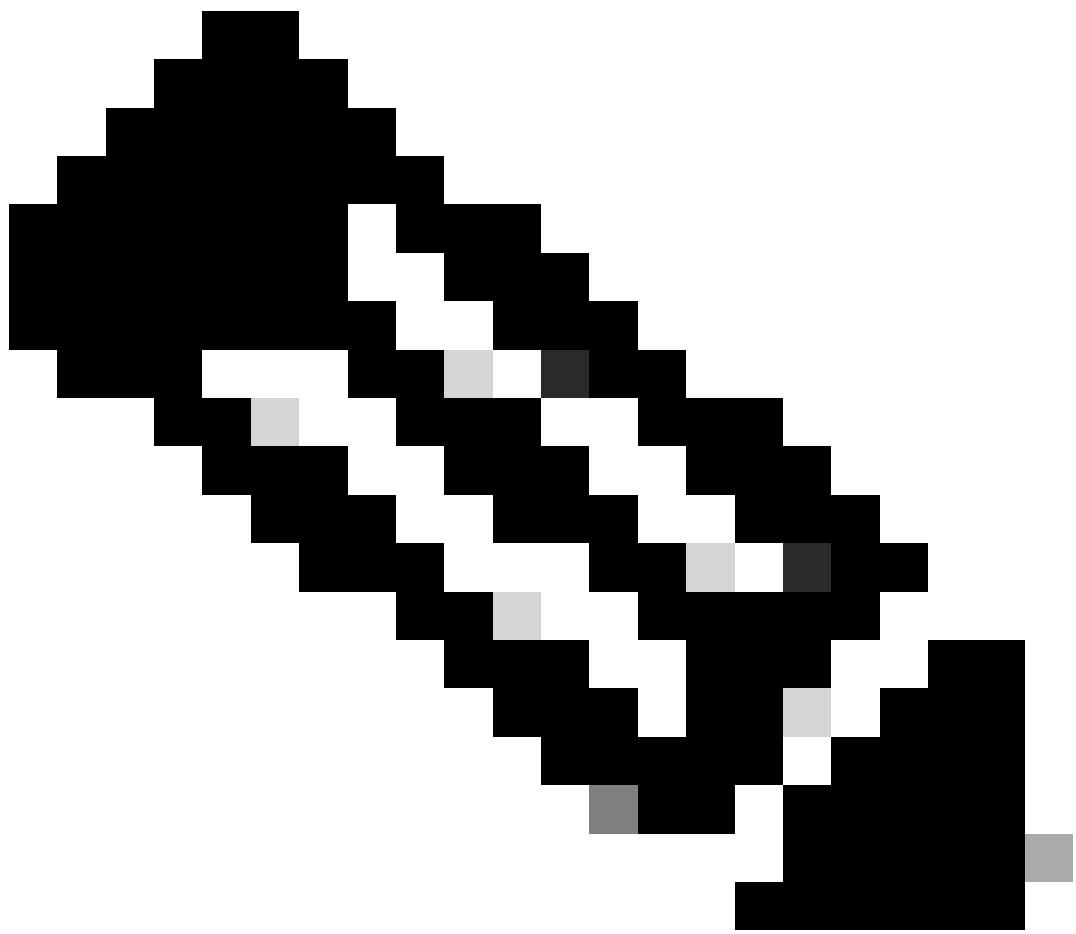
Apps ▾ Administrator ▾ 1 Messages ▾ Settings ▾ Activity ▾ Help ▾

es and directories, network ports, and scripted inputs. If you want to set up forwarding and receiving between two Splunk instances, go to [Forwarding and receiving](#).

### Local inputs

Type	Inputs	Actions
Files & Directories Index a local file or monitor an entire directory.	18	+ Add new
HTTP Event Collector Receive data over HTTP or HTTPS.	0	+ Add new
TCP Listen on a TCP port for incoming data, e.g. syslog.	0	+ Add new
UDP Listen on a UDP port for incoming data, e.g. syslog.	0	+ Add new
Scripts Run custom scripts to collect or generate more data.	36	+ Add new
Splunk Assist Instance Identifier Assigns a random identifier to every node	1	+ Add new
Systemd Journald Input for Splunk This is the input that gets data from journald (systemd's logging component) into Splunk.	0	+ Add new
Logd Input for the Splunk platform This input collects data from logd on macOS and sends it to the Splunk platform.	0	+ Add new
Splunk Secure Gateway Initializes the Splunk Secure Gateway application to talk to mobile clients over websockets	1	+ Add new

ةروص لاثم يف ،بولطملا لابقتسالا ذفنم لخدا ،TCP ددح ةديدخل ةذفانلا يف :3 ةوطخل اردصملا مسا زواجت لقح يف "بوغرملا مسالا" لخدأو ،6514 ءانيم.



ةظحالم TLS ربع syslog TCP 6514 ل عانيم ريصقت

ةذفانلا ىلعأ دوجوملا > رضخألل يلاتلا رزلا قوف رقنا ،عاهتنالا دنع :4 ۋوطخلار.

Apps ▾

Administrator ▾ 1 Messages ▾ Settings ▾ Activity ▾ Help ▾

Add Data

Select Source Input Settings Review Done < Back Next >

**Files & Directories**  
Upload a file, index a local file, or monitor an entire directory.

**HTTP Event Collector**  
Configure tokens that clients can use to send data over HTTP or HTTPS.

**TCP / UDP** >  
Configure the Splunk platform to listen on a network port.

**Scripts**  
Get data from any API, service, or database with a script.

**Splunk Assist Instance Identifier**  
Assigns a random identifier to every node

**Systemd Journald Input for Splunk**  
This is the input that gets data from journald (systemd's logging component) into Splunk.

**Logd Input for the Splunk platform**  
This input collects data from logd on macOS and sends it to the Splunk platform.

**Splunk Secure Gateway**  
Initializes the Splunk Secure Gateway application to talk to mobile clients over websockets

**Splunk Assist Self-Update**  
Detects and Downloads Assist Supervisor Updates

**Splunk Secure Gateway Mobile Alerts TTL**  
Cleans up storage of old mobile alerts

**Config Modular Input**

Configure this instance to listen on any TCP or UDP port to capture data sent over the network (such as syslog). Learn More ⓘ

**TCP** **UDP**

**Port ?** 6514  
Example: 514

**Source name override ?** !  
hostport

**Only accept connection from ?** optional  
example: 10.1.2.3, lbadhost.splunk.com, \*.splunk.com

**FAQ**

- › How should I configure the Splunk platform for syslog traffic?
- › What's the difference between receiving data over TCP versus UDP?
- › Can I collect syslog data from Windows systems?
- › What is a source type?

لـقـح يـف بـوـغـرـمـلـا مـسـالـا لـخـدـأـ، رـدـصـمـلـا عـونـ مـسـقـ يـف دـيـدـجـ دـدـحـ ةـدـيـدـجـلـا ةـذـفـانـلـا يـف 5ـ وـطـخـلـا رـدـصـمـلـا عـونـ.

فـيـضـمـلـا مـسـقـ يـف بـوـلـسـأـلـل IP دـدـحـ 6ـ وـطـخـلـا.

ةـذـفـانـلـا ئـلـعـأـ دـوـجـوـمـلـا ءـارـضـخـلـا > ةـعـجـارـمـ رـزـ دـدـحـ، لـامـكـإـلـا دـنـعـ 7ـ وـطـخـلـا.

Apps ▾      Administrator ▾      1 Messages ▾      Settings ▾      Activity ▾      Help ▾

Add Data      Select Source      Input Settings      Review      Done      < Back      Review >

### Input Settings

Optionally set additional input parameters for this data input as follows:

**Source type**

The source type is one of the default fields that the Splunk platform assigns to all incoming data. It tells the Splunk platform what kind of data you've got, so that the Splunk platform can format the data intelligently during indexing. And it's a way to categorize your data, so that you can search it easily.

Source Type:  Select New ↓ ←

Source Type Category:

Source Type Description:

**App context**

Application contexts are folders within a Splunk platform instance that contain configurations for a specific use case or domain of data. App contexts improve manageability of input and source type definitions. The Splunk platform loads all app contexts based on precedence rules. [Learn More](#)

App Context:

**Host**

When the Splunk platform indexes data, each event receives a "host" value. The host value should be the name of the machine from which the event originates. The type of input you choose determines the available configuration options. [Learn More](#)

Method: IP DNS Custom ↓

**Index**

رقنا، وحصلنا نم ققحتلا مت نا ام .رمألا مزل اذا روحوكتاداع عجار، يلاتلا راطإلا يف: 8 ووطخلا راطإلا ىلعأ دوجوملا "رضخألا" لاسرا رز قوف.

Apps ▾      Administrator ▾      1 Messages ▾      Settings ▾      Activity ▾      Help ▾

Add Data      Select Source      Input Settings      Review      Done      < Back      Submit >

### Review

Input Type .....	TCP Port
Port Number .....	6514
Source name override .....	
Restrict to Host .....	N/A
Source Type .....	
App Context .....	launcher
Host .....	(IP address of the remote server)
Index .....	default

رمألا ليغشت بمق، هيـلـعـتـيـبـثـمـتـزـاهـجـمـاـدـخـتـسـابـ: 1ـوـطـخـلـاـ  
ـلـاـثـمـلـاـلـادـبـتـسـاـعـ newkey rsa:4096 -keyout server\_key.pem -out server\_cert.pem -sha256 -days 3650 -subj /CN=10.106.127.4.  
ـفـرـعـمـرـورـمـةـرـابـعـلـاخـداـنـيـتـرـمـكـنـمـبـلـطـيـسـ.ـزـاهـجـبـصـاـخـلـاـIPـبـصـاـخـلـاـ  
ـزـاهـجـبـصـاـخـلـاـرـمـاـوـأـلـاـرـطـسـنـمـرـمـاـوـأـلـاـليـغـشـتـمـتـيـ،ـقـلـثـمـأـلـاـيـفـ.ـمـدـخـتـسـمـلـاـلـبـقـنـمـ

و server\_key.pem. افلم .نی فلم عاشنی متی، رمآلہ لامتکا دن ع

```
user@examplehost: ll server*
-rw-r--r-- 1 root root 1814 Dec 20 19:02 server_cert.pem
-rw----- 1 root root 3414 Dec 20 19:02 server_key.pem
user@examplehost:
```

يُرِدْجَلَة مَدْخَلَتْسِمَلَة إِلَى لِيَدْبَتَلَا: 2 ٥ وَطَخَلَا

```
user@examplehost:~$ sudo su  
[sudo] password for examplehost:
```

يل اثيدح اهؤاشن! مت يتلا ةداهشل خسنا: 3 ٥وطخلا /opt/splunk/etc/auth/ .

```
user@examplehost:~# cat /home/examplehost/server_cert.pem > /opt/splunk/etc/auth/splunkweb.cer
```

صاخ حاتفمب spunkweb.cet فلم قاحلإ: 4 ووطخلأ.

```
user@examplehost:~# cat /home/examplehost/server_key.pem >> /opt/splunk/etc/auth/splunkweb.cer
```

ميسقت ةدابش ةيكلم رئيغت: 5 ةوطخل

```
user@examplehost:~# chown 10777:10777/opt/splunk/etc/auth/splunkweb.cer
```

ميسقتلا ةداهشل نذإلا رئيغت: 6 ۋوطخلا.

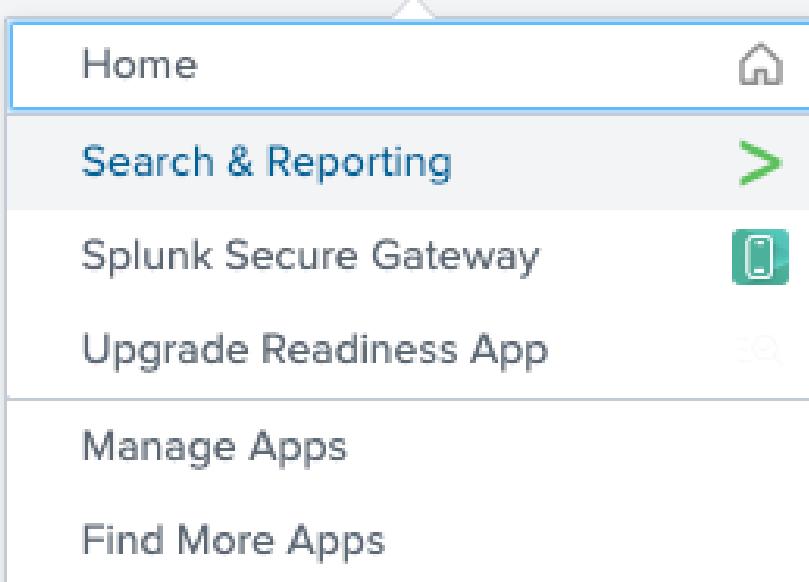
```
user@examplehost:~# chmod 600/opt/splunk/etc/auth/splunkweb.cer
```

دېدج فلم عاشناب مق: 7 ۋوطخلا.

```
user@examplehost:~# vim /opt/splunk/etc/system/local/inputs
```

```
[tcp-ssl://6514]
sourcetype = ...
disabled = false
[2AM] Date Day T...
[SSL] e and Prev...
18/08/24 Compliant
serverCert = /opt/splunk/etc/auth/splunkweb_combined.cer
sslPassword = ...
requireClientCert = false
#sslVersions = tls1.2
#18/08/24 SELECTTty...
#cipherSuite = AES256-SHA
#last SWD list
```

ثحب لمعتسى لاتققىد: 8 ۋوطخلا.



**New Search**

source=\* sourcetype=\* host = 1

126 events | No Event Sampling | Job | Smart Mode

Last 24 hours | Search

Events (126) Patterns Statistics Visualization

Format Timeline | Zoom Out | Zoom to Selection | Deselect | 1 hour per column

List	Time	Event
< Hide Fields	All Fields	> AuditLogger[1425542]: osaxsd/1425542, source = source = , sourcetype = , host = 1 ,Login on ssh failed: Unknown User
SELECTED FIELDS		> AuditLogger[1425530]: osaxsd/1425530, source = source = , sourcetype = , host = 1 ,Login on ssh failed: Unknown User
INTERESTING FIELDS		> AuditLogger[1424634]: osaxsd/1424634, source = source = , sourcetype = , host = 1 ,Login on ssh failed: Unknown User

ىل ع قيقدتلا لجس ٰهـجـوـنـيـوكـتـ.

ـيـزـكـرـمـلـا ـهـرـادـإـلـا > نـيـوـكـتـ ىـلـا لـقـتـنـا SMC UI ىـلـا لـوـخـدـلـا لـجـسـ 1ـ ـهـوـطـخـلـا.

# Cisco Secure Network Analytics



nse



Monitor



Investigate



Report



Configure

## Configure



### Detection

Host Group Management

Alarm Severity

Policy Management

Response Management

Network Scanners

Analytics

Alerts

### Global

Central Management

... ... .

راهجلا نيوكت ريرحت ددح بولطملا SNA زاهجل يواضيبلالا لكشلا زمرىلע رقمナ: 2 ةوطخلأ.

Central Management

Inventory Data Store Update Manager App Manager Smart Licensing

Inventory

4 Appliances found

Filter by Identity

Appliance Status	Identity	FQDN	Type	Actions
Connected				...

A context menu is open for the second row, showing options: Edit Appliance Configuration (highlighted with a blue arrow), View Appliance Statistics, Support, Reboot Appliance, Shut Down Appliance, and Remove This Appliance.

قىيقدتلا لجس ۋەجۇلىيىص افت لخداو ئەكبىشلا تامدۇ بىوبتلا ۋەمالۇ ىلار قىتىنا: 3 ۋەطخىل (Syslog over TLS).

Audit Log Destination (Syslog over TLS) Modified Reset

*(i)* Add your Syslog SSL/TLS certificate to this appliance's Trust Store before you configure the Audit Log Destination.

Server Name or IP Address

Destination Port (Default 6514) \*

Certificate Revocation *(i)*  
 Disabled  
 Soft Fail  
 Hard Fail

ۋەفاضىندا رقنى لفساً ىلارىم تىلاب مۇت، "ماع" بىوبتلا ۋەمالۇ ىلار قىتىندا: 4 ۋەطخىل Splunk server\_cert.pem مىساب اقىبسىم اهۋاشنى مەت يىتلىك دىمحتىل دىدج.

Inventory / Appliance Configuration

## Appliance Configuration - Manager

[Cancel](#) [Apply Settings](#)

Configuration Menu

Appliance Network Services General

IU Email

## Trust Store

[Add New](#)

Friendly Name	Issued To	Issued By	Valid From	Valid To	Serial Number	Key Length	Actions
							<a href="#">Delete</a>
							<a href="#">Delete</a>
splunk							<a href="#">Delete</a>

6 Certificates



دادع ا ئىلممع قبطي ۋىقىتىقى 5 ئو طخلى.

[Cancel](#)[Apply Settings](#)

## اھھالص او ئاطخالا فاشكىتسا

ثحبلا ئىلۇر رەظىي لەمەك ضۇمغ كانە نوکىي نأ نكەمىي

Splunk > enterprise Apps ▾

Administrator ▾ Messages ▾ Settings ▾ Activity ▾ Help ▾ Find ▾

Search Analytics Datasets Reports Alerts Dashboards Search & Reporting

New Search

source="" sourcetype=""

✓ 156 events ( No Event Sampling ▾ ) Job ▾ Smart Mode ▾

Events (156) Patterns Statistics Visualization

Format Timeline ▾ Zoom Out + Zoom to Selection × Deselect 1 hour per column

List ▾ Format 50 Per Page ▾ < Prev 1 2 3 4 Next >

< Hide Fields All Fields 1 Time Event

**SELECTED FIELDS**

- a host 1
- a source 1
- a sourcetype 1

**INTERESTING FIELDS**

- a index 1
- #linecount 6
- a punct 79
- a splunk\_server 1
- a timestamp 1

34 more fields + Extract New Fields

```

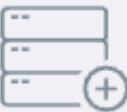
> \x00 Z \x00 \x00
host = source = sourcetype =
* \x00 & \xF8\x91\xD3\xF9\x82 \xFB\x9F\xE5\xE8\xED \x92\xC0\xE5\xA3\xA2\xEB (\x00\x9A\x00 - \x9E\xF9\xE1-4\x84\x8F\x00 \xC0+\xC
0/\x00\x9E\x00\x00\x00\xC0,\xC0\x00\x9F\xFF \x00\xBF\x00 \x00\x00\x00 \x00\x00\x00+\x00 \x00 \x00 \x00 \x00\x00\x00\x00\x00\x00
\x00,\x00+
\x00 \x00 \x00 \x00
\x00 \x00 \x00 \x00 \x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00
\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00
host = 10.106.127.13 | source = sourcetype =
* \x00 & <Gx-
AInp"J>\x97h\xF9R2 u\x9E \x91\xA1T\x8C\xB0\xDCy , (\xAE\x84\xF0\xC3s , \xBA(\xF1\x9A \xED\xD3\xFC\x8C\x98E\xC5\xD9\x00
\x0F\x00\x00\x00\x00 \x00\x00\x00\x00+\x00 \x00 \x00 \x00\x00\x00\x00 \x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00
\x00,\x00+
\x00 \x00 \x00 \x00
Show all 6 lines Google Chrome

```

لـ حـ لـ

حيحصل رصد ملاعون على لاخدا لا يتعجب مقـ

Administrator ▾ 1 Messages ▾ Settings ▾ Activity ▾ Help ▾ Find 

Add Data   
Explore Data   
Monitoring Console 

Search settings... 

<b>KNOWLEDGE</b>	<b>DATA</b>
<a href="#">Searches, reports, and alerts</a>	<a href="#"><u>Data inputs</u></a>
<a href="#">Data models</a>	<a href="#">Forwarding and receiving</a>
<a href="#">Event types</a>	<a href="#">Indexes</a>
<a href="#">Tags</a>	<a href="#">Report acceleration summaries</a>
<a href="#">Fields</a>	<a href="#">Virtual indexes</a>
<a href="#">Lookups</a>	<a href="#">Source types</a>
<a href="#">User interface</a>	<a href="#">Ingest actions</a>
<a href="#">Alert actions</a>	
<a href="#">Advanced search</a>	<b>DISTRIBUTED ENVIRONMENT</b>
<a href="#">All configurations</a>	<a href="#">Indexer clustering</a>
<b>SYSTEM</b>	<a href="#">Forwarder management</a>
<a href="#">Server settings</a>	<a href="#">Federated search</a>
<a href="#">Server controls</a>	<a href="#">Distributed search</a>
<a href="#">Health report manager</a>	
<a href="#">RapidDiag</a>	<b>USERS AND AUTHENTICATION</b>
<a href="#">Instrumentation</a>	<a href="#">Roles</a>
<a href="#">Licensing</a>	<a href="#">Users</a>
<a href="#">Workload management</a>	<a href="#">Tokens</a>
<a href="#">Mobile settings</a>	<a href="#">Password management</a>
	<a href="#">Authentication methods</a>

splunk>enterprise Apps ▾ Administrator ▾ Messages ▾ Settings ▾ Activity ▾ Help ▾ Find ▾

**Data inputs**

Set up data inputs from files and directories, network ports, and scripted inputs. If you want to set up forwarding and receiving between two Splunk instances, go to [Forwarding and receiving](#).

**Local inputs**

Type	Inputs	Actions
<b>Files &amp; Directories</b> Index a local file or monitor an entire directory.	18	+ Add new
<b>HTTP Event Collector</b> Receive data over HTTP or HTTPS.	0	+ Add new
<b>TCP</b> Listen on a TCP port for incoming data, e.g. syslog.	1	+ Add new
<b>UDP</b> Listen on a UDP port for incoming data, e.g. syslog.	1	+ Add new
<b>Scripts</b> Run custom scripts to collect or generate more data.	36	+ Add new
<b>Splunk Assist Instance Identifier</b> Assigns a random identifier to every node	1	+ Add new
<b>Systemd Journald Input for Splunk</b> This is the input that gets data from journald (systemd's logging component) into Splunk.	0	+ Add new
<b>Log Input for the Splunk platform</b> This input collects data from logd on macOS and sends it to the Splunk platform.	0	+ Add new
<b>Splunk Secure Gateway</b> Initializes the Splunk Secure Gateway application to talk to mobile clients over websockets	1	+ Add new
<b>Splunk Assist Self Update</b>	1	+ Add new

splunk>enterprise Apps ▾ Administrator ▾ Messages ▾ Settings ▾ Activity ▾ Help ▾ Find ▾

**TCP**

Data inputs > TCP

New Local TCP

Show 1-1 of 1 item

filter

25 per page ▾

TCP port	Host Restriction	Source type	Status	Actions
6514			Enabled   Disable	Clone   Delete

splunk>enterprise Apps ▾

Administrator ▾ Messages ▾ Settings ▾ Activity ▾ Help ▾ Find

6514

Data inputs > TCP > 6514

**Source**

Source name override  If set, overrides the default source value for your TCP entry (host:port).

**Source type**

Set sourcetype field for all events from this source.

Set sourcetype  Select source type from list \*

Select your source type from the list. If you don't see what you're looking for, you can find more source types in the SplunkApps apps browser or online at [apps.splunk.com](https://apps.splunk.com).

More settings

## هـ لـ وـ لـ جـ رـ تـ لـ اـ هـ ذـ هـ

ةـ يـ لـ آـ لـ اـ تـ اـ يـ نـ قـ تـ لـ اـ نـ مـ مـ جـ مـ وـ عـ مـ اـ دـ خـ تـ سـ اـ بـ دـ نـ تـ سـ مـ لـ اـ اـ ذـ هـ تـ مـ جـ رـ تـ  
لـ اـ عـ لـ اـ ءـ اـ حـ نـ اـ عـ يـ مـ جـ يـ فـ نـ يـ مـ دـ خـ تـ سـ مـ لـ لـ مـ عـ دـ ئـ وـ تـ حـ مـ يـ دـ قـ تـ لـ ةـ يـ رـ شـ بـ لـ اـ وـ  
اـ مـ كـ ةـ قـ يـ قـ دـ نـ وـ كـ تـ نـ لـ ةـ يـ لـ آـ ةـ مـ جـ رـ تـ لـ ضـ فـ اـ نـ اـ ةـ ظـ حـ اـ لـ مـ ئـ جـ رـ يـ .ـ صـ اـ خـ لـ اـ مـ هـ تـ غـ لـ بـ  
يـ لـ خـ تـ .ـ فـ رـ تـ حـ مـ مـ جـ رـ تـ مـ اـ هـ دـ قـ يـ يـ تـ لـ اـ ةـ يـ فـ اـ رـ تـ حـ اـ لـ اـ ةـ مـ جـ رـ تـ لـ اـ عـ مـ لـ اـ حـ لـ اـ وـ  
ىـ لـ إـ أـ مـ ئـ اـ دـ عـ وـ جـ رـ لـ اـ بـ يـ صـ وـ تـ وـ تـ اـ مـ جـ رـ تـ لـ اـ هـ ذـ هـ ةـ قـ دـ نـ عـ اـ هـ تـ يـ لـ وـ ئـ سـ مـ  
(رـ فـ وـ تـ مـ طـ بـ اـ رـ لـ اـ)ـ يـ لـ صـ أـ لـ اـ يـ زـ يـ لـ جـ نـ إـ لـ اـ دـ نـ تـ سـ مـ لـ اـ).