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Verify that the banner is configured for login

Defines a customised banner to be displayed before the username and password login prompts.
Below example helps in validating Banner configuration using NetYCE Compliance module

Example config

campus01-b02-access01 and *campus01-b02-access02* are the two reference devices which we are using for this example. One has banner configuration and other does not.

Below command output gives us the information.

campus01-b02-access01#

```
campus01-b02-access01#show run | i banner  
campus01-b02-access01#
```

campus01-b02-access02#

```
campus01-b02-access02#show run | i banner  
banner login ^CCCCC  
campus01-b02-access02#
```

How its done

Below are the steps to create new policy.

Operate → Compliance → Policies → New→

Name:

Sample 2 : Login banner

Description:

Enabled:

☒

Run compliance on config change:

☒

Signal type:

☒ Trap

☐ Syslog

☐ Email

☐ REST API

Signal trigger:

☒ From compliant to non-compliant

☐ From non-compliant to compliant

☐ From non-compliant to non-compliant

☐ From compliant to compliant

Close

Apply

OK

Click on the Node Group to select the relevant group of devices to add. Node group named “building2_access” holds the nodes of both the nodes:

Node group	Tag	Scope
building2_access		all

New

Delete

Rule → New , **Rule Type** → Configuration , **Vendor** → Cisco IOS

Edit Rule

Name:

Banner check

Rule type:

Configuration

▼

Vendor:

Cisco_IOS

▼

Severity:

Minor

▼

Description:

☒ Search based on lines

☐ Search based on config blocks

Rule start:

Rule end:

Close

Apply

OK

Edit condition

Name:

A

Type:

ConfigText

☒ Enabled

☐ This is a logical condition

☒ Lines contain regular expressions

☐ Match in exact order

Must contain

banner login

Must not contain any additional lines containing:

Close

Apply

OK

Report/test results:

Below is how to create reports to see the results of the compliance policies.

Operate → Compliance → Reports → New → Report Name "test" → Report type "Policies" → Policy Name "Sample 2 : Login banner" → Show Report

Report

Policies

Policy name	Compliant?	Severity	Last change date
Sample 2 : Login banner	no	Minor	2021-01-18 08:18:09

1

/ 1

250

items per page

1 of 1 items

Search

Show report

Compliance checks

Hostname	Policy	Fqdn	Severit...	Compliant...	Last check date	Last change date
campus01-b02-access02	Sample 2 : Login banner	campus01-b02-access...	-	Compliant	2021-01-18 08:18:09	2021-01-18 08:18:09
campus01-b02-access01	Sample 2 : Login banner	campus01-b02-access...	Minor	Not compliant	2021-01-18 08:18:09	2021-01-18 08:18:09

This was a simple example to understand how to implement compliance policy to verify banner configuration.

From:

<https://wiki.netyce.com/> - **Technical documentation**

Permanent link:

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